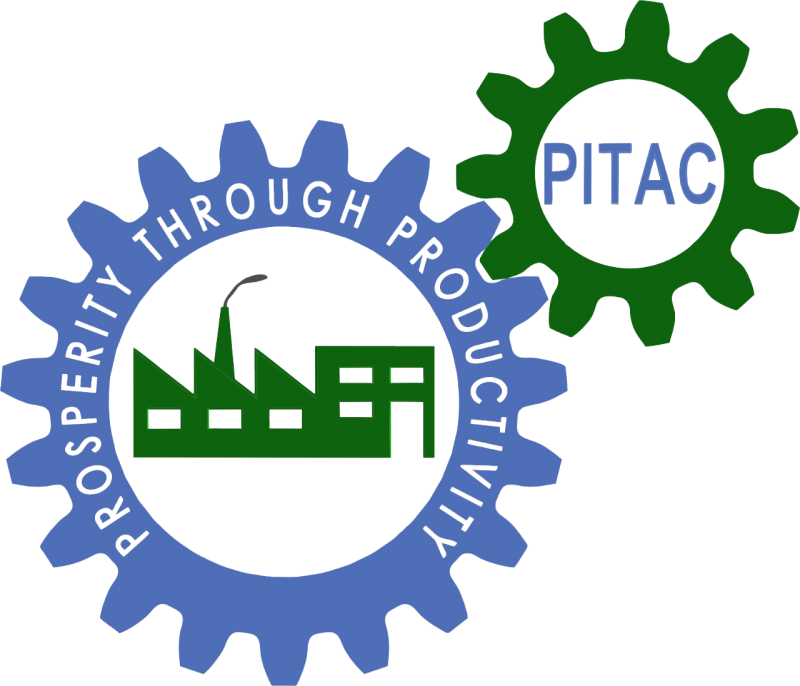
**GOVERNMENT OF PAKISTAN**

**MINISTRY OF INDUSTRIES AND PRODUCTION**

**(MoIP)**

****

**Tender Document # 401/2021**

**FOR**

**PURCHASE OF CNC EDM WIRE CUT MACHINE**

|  |  |
| --- | --- |
| Tender No: | 401 / 2021 |
| Package Name: | CNC EDM WIRE CUT MACHINE |
| Method of Procurement: | **Single Stage Two Envelopes** |
| Date of issuance of bidding Documents: | 09-04-2021 |
| Last Date & Time of Receipt of Bids | 29-04-2021 (11:00 A.M) |
| Bid Opening Date & Time: | 29-04-2021 @ Time 11:30 A.M |

|  |  |  |  |
| --- | --- | --- | --- |
| **Table of Contents** | | | |
| **Sr.** |  | **DESCRIPTION** | **PAGE NO.** |
| 01 |  | **INSTRUCTIONS TO BIDDERS** | **04** |
| 02 |  | **TECHNICAL PROPOSAL (FORM OF BID)** | **06** |
| 03 |  | **FORM FOR AWARD OF CONTRACT (CONTRACT AGREEMENT)** | **09** |
| 04 |  | **TERMS & CONDITIONS** | **10** |
|  | 4.1 | Scope of Work | 10 |
|  | 4.2 | Procurement Procedure and Method of Procurement | 10 |
|  | 4.3 | Validity of bids | 10 |
|  | 4.4 | Bid Terms & Conditions | 10 |
|  | 4.5 | Rates on the Form of Bid | 11 |
|  | 4.6 | Currency | 12 |
|  | 4.7 | Govt. Taxes and Transportation Charges | 12 |
|  | 4.8 | Preparation of Bids / Proposals | 12 |
|  | 4.9 | Alternative Bids | 12 |
|  | 4.10 | Verification | 12 |
|  | 4.11 | Change in Quantity and Place of Delivery | 12 |
|  | 4.12 | Third Party Inspection | 13 |
|  | 4.13 | Acceptance of Arithmetical Errors | 13 |
|  | 4.14 | Submission of Bids | 13 |
|  | 4.15 | Technical Evaluation Criteria | 13 |
|  | 4.16 | Form A1 (Technical Compliance Sheet) | 16 |
|  | 4.17 | Form B1,B2, B3, D1 | 19 - 21 |
|  | 4.18 | Opening of Technical Bids | 22 |
|  | 4.19 | Technical Evaluation | 22 |
|  | 4.20 | Opening of Financial bids | 22 |
|  | 4.21 | Method of selection of lowest evaluated bid | 22 |
|  | 4.22 | Award of Contract and Procurement Order | 22 |
|  | 4.23 | Repeat Orders | 23 |
|  | 4.24 | Manual / Literature | 23 |
|  | 4.25 | Rejection of Bids | 23 |
|  | 4.26 | Packing & Condition of Machinery & Equipment | 23 |
|  | 4.27 | Inspection of Machinery & Equipment | 23 |
|  | 4.28 | Delivery, Installation & Commissioning of goods at Filed Formations | 24 |
|  | 4.29 | Comprehensive Warranty / After Sale Service | 24 |
|  | 4.30 | Availability of Spare Parts | 24 |
|  | 4.31 | Penalty | 24 |
|  | 4.32 | Taxes | 24 |
|  | 4.33 | Payment | 25 |
|  |  | i. Mode | 25 |
|  |  | ii. Running Bill | 25 |
|  |  | iii. Final Bill | 25 |
|  | 4.36 | Training of the Staff | 25 |
|  | 4.37 | Arbitration | 25 |
|  | 4.38 | Black Listing | 25 |
|  | 4.39 | Communication | 26 |
| 5 |  | **DELIVERY** | **26** |
| 6 |  | **FORMAT OF ALL SECURITIES** | **26** |
|  | 6.1 | Bid Security | 26 |
|  | 6.2 | Performance Guarantee | 26 |
|  | 6.3 | Release of Bid Security | 27 |
| 7 |  | **CERTIFICATE** | 27 |
| 8 |  | **CHECK LIST / GUIDANCE FOR BIDDERS** | 27 |
| 9 |  | **FINANCIAL PROPOSAL** | 29 |

**INSTRUCTIONS TO BIDDERS**

1. Single stage two envelopes bidding procedure will be adopted.
2. Erasing, cutting/ overwriting should be avoided. However in case of erasing, cutting / overwriting, the same shall properly be signed.
3. Main (outer) and inner envelopes should be properly sealed so that contents of the bid are fully enclosed and cannot be known until duly opened.
4. Tender No. and Name should clearly be written on top left corner of the main (outer) envelope.
5. The bidder should submit technical and financial bids in two separate envelopes clearly marking **“Technical Bid”** and **“Financial Bid”** covered under one main (Outer) envelope marking Bid Reference and Package Name on top left corner of the main (outer) envelope.
6. Address and contact No. of the bidder on the main (outer) envelope should be written.
7. The bid / proposal should be properly page numbered along with index. Separators should be used for differentiation of various documents.
8. Technical Bid / Proposal should consist of duly singed and stamped bidding documents, Form of bid indicating country of origin and Brand / Model and literature / brochures and all information / documents demanded in the bidding documents for technical evaluation. Bid Security as demanded in advertisement / invitation to bid must be placed in technical bid.
9. The firms must submit valid copies of NTN, Sales tax & Active Tax payer list issued by FBR along with Technical Proposal, no such documents should be attached with Financial Proposal.
10. Financial Bid / Proposal should consist of price / rates on the prescribed format available in the bidding documents.
11. Technical Bids will publically be opened on the exact date and time given in the advertisement in the presence of the bidders / authorized representatives who may choose to be present.
12. Bidders are also required to state, in their technical bid, the name, title, contact number (landline, Mobile) fax number and e-mail address of the authorized representative through whom all communications shall be made until the process has been completed.
13. All bids must be received in the office of Deputy Director (ESD/ Purchase), PITAC; 234-Ferozepur Road, Near Metro Canal, Station Lahore, not later than the time and date stipulated in the invitation for bid.
14. The Procuring agency will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.
15. Bidding documents should properly be signed and stamped.
16. Item wise total price and grand total price, in words and figures should be quoted at the respective columns of the Form of Bid. Form of Bid duly filled should be placed in the financial bid.
17. Bidders must submit bids on the basis of complete scope of work, transportation / delivery, installation, commissioning, testing and training. Any bidder offering partial scope of work shall be rejected as non-compliance in terms of PPRA-2004.
18. No bid will be accepted after closing date and time.
19. The total quoted price must be inclusive of all applicable taxes and duties as per prevailing Govt. rules, charges etc. in Pak Rupees.
20. Bidders should accept the terms & conditions of bidding documents and conditional bid should not be submitted.
21. Duly filled, signed and stamped bidding documents must be attached in the bid / proposal as token of acceptance of terms of conditions of bidding documents
22. The care should be taken wherever this sign would found
23. End of Instructions.

**TECHNICAL PROPOSAL / BID**

**FORM OF BID – Technical Bid / Proposal**

**Tender No. 401/2021 FOR PURCHASE OF CNC EDM WIRE CUT MACHINE**

To

Director General

PITAC HQ. Lahore.

We have examined the tender document the receipt of which is hereby duly acknowledged. We, the undersigned, agrees to supply, install, commission, testing and training of the following items in conformity with the below mentioned required specification mentioned against each item.

**TECHNICAL SPECIFICATION**

**CNC EDM Wire Cut Machine Qty: 01**

**Table 1: Machine Features and Specifications**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Parameter** | **Units** | **Specification** |
| **1** | **Table travel X,Y, Axis** | **mm** | **320 x 400** |
| **2** | **Work table size L×W** | **mm** | **440×680** |
| **3** | **Max work piece thickness** | **mm** | **400** |
| **4** | **Max taper angle** |  | **±6 – 15°/80mm** |
| **5** | **Max work piece weight** |  | **600kg** |
| **6** | **Control system** |  | **Computer control system** |
| **7** | **Axis control** |  | **4 Axis Simultaneously** |
| **8** | **Resolution** |  | **.001mm** |
| **9** | **Wire centrode diameter** |  | **.15 - .2mm** |
| **10** | **Type of wire material** |  | **Molybdenum (reusable)** |
| **11** | **Type of die electric fluid** |  | **De ionized water/equivalent** |
| **12** | **Material to should able to cut by Wire EDM** |  | **Aluminum alloy, steel, carbon alloy steel, Titanium alloy, cooper alloys, Ni based alloy, cr based alloy** |
| **13** | **Least input increment** |  | **.001mm** |
| **14** | **Data input/output** |  | **USB port, Regular keyboard and mouse, should be able to use AutoCAD files, DXF files** |
| **15** | **Input power supply** |  | **3 phase, 380 volts 50HZ or suitable** |
| **16** | **Total load** |  | **1 -2 KW** |
| **17** | **Dielectric tank capacity** |  | **Minimum 50L** |
| **18** | **Maximum speed** |  | **200-250mm2/mint** |
| **19** | **Machining accuracy** | **mm** | **≤.015** |
| **20** | **Best finish surface** |  | **Ra≤2.4** |
| **21** | **Coolant filtering system** |  | **Standard** |
| **22** | **No need to change wire guide for different diameter** |  | **If need provide one set** |
| **23** | **Two axis external digital read out (DRO for quick job setting)** |  | **Yes** |
| **24** | **Software with CNC CAD for profile generation software** |  | **Yes** |
| **25** | **Motor Type** |  | **X,Y,U,V Stepper** |

**Table 2: Accessories and consumable.**

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Item** | **Quantity** |
| **1** | **Coolant JR3A/JA-1** | **50Kg** |
| **2** | **Electrode wire** | **20 Spool (dia .18m, 2000m/spool)** |
| **3** | **Clamping Kit** | **1 Set** |
| **4** | **Wire vertical block** | **1 Set** |
| **5** | **Levelling pad** | **4 NOS** |
| **6** | **Standard wire guide** | **1 Set for each (dia.18mm-dia.25mm)** |
| **7** | **Flushing nozzle** | **2 Set** |
| **8** | **Metal tool box for keeping tools and consumable** | **1 Set** |
| **9** | **Allen key set** | **1 Set** |
| **10** | **Spanners Set** | **1 Set** |
| **11** | **Screw driver set** | **1 Set** |
| **12** | **Pliers** | **1 NOS** |
| **13** | **Safety gloves(leather)** | **1 Set** |
| **14** | **Cleaning brush, 3inch wide** | **3 NOS** |
| **15** | **Instructional manual/Technology Guide** | **1 Set Hard and Soft copy CD** |

**SIGNATURE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**NAME STAMP OF BIDDERS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**DRAFT FORM FOR AWARD OF CONTRACT**

**(CONTRACT AGREEMENT)**

This agreement is made in the presence of the witnesses named below on this \_\_\_\_\_ day of 20\_\_ at\_\_\_\_\_\_\_ between PITAC Lahore (hereinafter called “the Purchaser”) and\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (hereinafter called “the Supplier”).

Whereas the Purchaser invited bids for supply of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and has accepted a bid by the Supplier for the supply of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the sum of Rs. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ [contract price in words and figures] (Hereinafter called “the Contract Price”).

Now this agreement witnesses as follow:

1. In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the bid document referred to.
2. The following documents shall be deemed to form and be read and construed as part of this agreement, viz., the:
   * Invitation for bid as publicized / advertised by the Purchaser
   * Bidding document as bought from the Purchaser
   * Specifications of items
   * Form of Bid
   * Undertaking submitted by the bidder along with the bid papers
   * Supply order for supplying the selected items etc.
   * General and special conditions regarding procurement as given in the bidding documents and
   * This contract agreement as executed between the Purchaser and the Supplier
   * The Bid Security and the Performance Guarantee
3. All disputes or differences between the parties in connections with or arising out of this agreement shall be settled through arbitration in accordance with the provisions of PPRA Rules 2004. The arbitration should be made through mutually agreed single arbitrator.
4. In witness whereof, the parties have hereinto set their respective hands and seals the day and the year hereinto before set forth.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Purchaser** | |  | **Supplier / Contractor** | |
|  |  |  |  |  |  |
| Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
| Designation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | Designation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
| Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |

**TERMS & CONDITIONS**

1. **4.1 Scope of Work**

Bidders must submit bids of all items of the package. The contractor/bidder will be responsible for

* delivery,
* installation &
* Commissioning of all items at consignee’s end in safe, sound and in operational condition including civil works.
* Onsite Inspection, Testing and Training to PITAC officials.

1. **4.2 Procurement Procedure and Method of Procurement**

The following bidding procedure will be adopted.

* **Single stage two envelopes**

1. **4.3 Validity of Bids**

* The bids shall remain valid for a period of 06 months from the date of opening of bids. Further extension if required be obtained as per PPRA Rules 2004.

**4.4 Bid Terms and Conditions**

* The successful bidder has to set up, demonstrate and extend adequate hands on training of the machine/equipment/software, without doing that, the delivery would not be *deemed to be complete*.
* Brand new well functional Machines / Equipment / Accessories with finest finishing must be supplied, the delivery of machines not fulfilling the same, shall not be accepted.
* In case the quotation is being submitted by authorized agent of the principal manufacturing company / OEM, the authorized sales agency ship certificate from the principal should be furnished along with the quotation. Quotations without this authorization certificate will be rejected.
* The cost/bid should include comprehensive warranty for at least 2 years and one yearfree service, technical support and replacement of defective parts and equipment at PITAC premises.
* The cost should include cost of software(s) / program(s) needed to make the machine/equipment fully functional. In case third party software has to be used, the license of software in the name of PITAC must be provided with validity not less than three years.
* Bidders should attach the relevant brochure/leaflet for the *models* quoted.
* The successful bidder will provide the all relevant import documents (in case of imported machine/equipment/tool). i.e. Bills of lading; invoices; packing lists; certificates of origin; copies of letters of credit; and insurance certificates, etc.
* Bidders should attach users list with their contact details including address, email id and phone number of this kind of machines for feedback purposes.
* Necessary certificate should be enclosed by the bidder in case of proprietary nature of the quoted items.
* Payment of 80% will be released after delivery of machines/ equipment in good condition, successful commissioning, installation, inspection, testing of machines or equipment.
* Remaining 20% payment will be released after satisfying all the conditions as per the tender terms and conditions, satisfactory functioning of the machines/equipment supplied, training of the PITAC Officials and after furnishing of Guarantee/ Warranty documents and performance security.
* Performance guarantee @ 10% of total Work Order to be deposited in the form of Banker cheque/ Bank guarantee/ CDR issued by schedule bank in the name of Director General PITAC. The same will be retained by PITAC for a whole warranty period.
* The conflicts or disputes that may arise in relation to the subject, content, interpretation, implementation and enforcement of this agreement will be solved and decision of Competent Authority i.e. Director General PITAC will be considered as final.

1. **4.5 Rates on the Form of Bid**

Rates should be quoted on the attached prescribed Form of Bid. Bidder shall fill all blank columns of the Form of Bid. In case bidder desires to quote higher specifications, the same should be provided in the respective column of the Form of Bid against the specific item. *Country of manufacturing*, Brand & Model of each & every items must be quoted.

1. **4.6 Currency**

Firm and final rates should be quoted in PAK Rupees.

**4.7 Govt. Taxes and Transportation Charges**

The total quoted bid must be inclusive of all applicable taxes as per prevailing Govt. rules, duties, transportation charges etc. in Pak Rupees.

1. **4.8 Preparation of Bids / Proposal**

Proposal / bid must be prepared as per instructions of bidding documents. The bid / proposal should be properly page numbered along with index. Separators should be used for differentiation of various documents. Sealed Technical Bid / Proposal should consist of duly singed and stamped bidding documents, Form of bid indicating country of origin and Brand / Model and literature / brochures and all information / documents demanded in the bidding documents for technical evaluation. Copy of bid Security as demanded in advertisement / invitation to bid must be placed in technical bid by hiding the value. Sealed Financial Bid / Proposal should consist of price / rates on the prescribed format (Form of Bid) available in the bidding documents.

1. **4.9 Alternative Bids**

More than one bid / offer / tender of package will not be considered from the same bidder. Further alternative bid / bids of an item / items not be considered and such a bid liable to rejected.

1. **4.10 Verification**

Procuring agency can verify any or all documents / information submitted by the bidder. In case of bogus documents and wrong information the same would not be considered for evaluation and the bid will be rejected.

1. **4.11 Change in Quantity and place of Delivery**

Procuring agency may change the quantity and *place of delivery* at any time during the procurement proceeding.

1. **4.12 Third Party Inspection**

The procuring agency can order 3rd Party Inspection for checking the performance of the machinery / equipment. *On satisfactory inspection*, the payment of successful bidder will be released as per payment schedule. In case of non-compliance, the procuring agency can reject the same.

1. **4.13 Acceptance of Arithmetical Errors**

In case of discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected. If the bidder does not accept the correction of the errors, its bid will be rejected and bid security will be forfeited. If there is discrepancy between words and figures the amount in words will prevail.

1. **4.14 Submission of Bids**

The interested bidders should submit bids on the basis of “single stage two envelopes procedure”. The bidder should submit technical and financial bids in two separate envelopes clearly marking **“Technical Bid”** and **“Financial Bid”** covered under one main (outer) envelope marking Bid Reference and Package Name on top left corner of the envelope. Initially only technical bids / proposals will be opened and sealed financial bids will remain under the custody of procuring agency until open.

The technical proposals of the bidders will be evaluated technically as per below mentioned technical evaluation criteria:

**4.15 TECHNICAL EVALUATION CRITERIA**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Technical Evaluation Criteria** | | | | | |
| **S.No** | **Description** | **Formula** | | **Max Criteria Marks** | **Bidder Score** |
|  | **Product Evaluation** |  | **Per Project** |  |  |
| **A** | Quoted brands / models (quoted by the bidder in the Form of Bid along with all items of the package and supporting literature) (The Technical Compliance Sheet – Form A1 must be duly signed, stamped and attached with Technical Proposal) | Fulfil the required minimum specifications | 50 | **50** |  |
|  | Does not Fulfil the required minimum specifications | **0** |  |
|  | **Note:** | | | | |
|  | The bidder should provide the specification of his quoted brand / model separately duly signed / stamped. The literature / manual / booklet / brochure etc. or any reliable source should be provided in Technical Bid so that specifications of quoted brand / model may be verified. | | | | |
| **B** | **Experience** |  |  |  |  |
| 2.1 | **Experience of Private Sector** |  | **Per Project** | **5** |  |
|  | Experience of Supply / Installation of Machinery & Equipment in private sector | 0.5-- 01 Million | 1 Mark |  |
|  | 1.1-- 02 Million | 2 Marks |  |
|  | 2.1-- 03 Million | 3 Marks |  |
|  | 3.1-- 04 Million | 4 Marks |  |
|  | Above 4 Million | 5 Marks |  |
|  |  | **(Maximum 05 Marks)** | |  |
|  | **Note:** | | | | |
|  | Copies of contract awarded / Purchase Order must be attached | | | | |
|  | (Provide detail of experience on attached Form B1) | | | | |
| 2.2 | **Experience of Public Sector** |  | **Per Project** | **10** |  |
|  | Experience of supply / Installation of Machinery & Equipment in public sector | 0.5-- 01 Million | 1.5 Mark |  |
|  | 1.1-- 02 Million | 3 Marks |  |
|  | 2.1-- 03 Million | 4.5 Marks |  |
|  | 3.1-- 04 Million | 6 Marks |  |
|  | Above 4 Million | 10 Marks |  |
|  | **Note:** | | | | |
|  | Copies of contract awarded / Purchase Order must be attached | | | | |
|  | (Provide detail of experience on attached Form B2) | | | | |
| 2.3 | **Experience of Relevant Field** |  | **Per Project** | **10** |  |
|  | Experience of supply / Installation of Machinery & Equipment in Relevant Technology | 0.5-- 01 Million | 2 Mark |  |
|  | 1.1-- 02 Million | 4 Marks |  |
|  | 2.1-- 03 Million | 6 Marks |  |
|  | 3.1-- 04 Million | 8 Marks |  |
|  | Above 4 Million | 10 Marks |  |
|  |  | **(Maximum 10 Marks)** | |  |
|  | **Note:** | | | | |
|  | Copies of contract awarded / Purchase Order must be attached | | | | |
|  | (Provide detail of experience on attached Form B3) | | | | |
| **C** | **Financial Strength of Company** |  |  |  |  |
| 3.1 | Total Annual Sales /Annual Turnover for the year 2019-20 | 5-- 08 Million | 1 Mark | **5** |  |
| 8.1-- 10 Million | 2 Marks |  |
| 10.1-- 12 Million | 3 Marks |  |
| 12.1-- 14 Million | 4 Marks |  |
| Above 14 Million | 5 Marks |  |
|  |  | **(Maximum 05 Marks)** | |  |
|  | **Note:** | | | | |
|  | (Documentary evidences must be attached). | | | | |
|  | **Income Tax Return (Return for the year 2019-20 05 Marks)** | | | | |
| 3.2 | Return for the year 2019-20 05 Marks | **(Maximum 5 Marks)** | | **5** |  |
|  | **Note:** | | | | |
|  | (Photocopies of Income Tax Return must be attached) | | | | |
| **D** | **Staff Strength** |  |  |  |  |
| **4.1** | Technical staff (Minimum certificate / diploma holder) | **2 Marks per technical staff** | | **10** |  |
|  |  | **(Maximum 10 Marks)** | |  |
|  | **Note:** | | | | |
|  | (Provide detail of technical staff on attached Form D1) | | | | |
| **5** | **Nature of Business** |  |  |  |  |
| **5.1** | Manufacturer (OEM) |  | 5 Marks | **5** |  |
| **5.2** | Authorized Dealer |  | 2.5 Marks |  |
|  |  | **(Maximum 5 Marks)** | |  |
|  | **Note:** | | | | |
|  | (Supporting Documents must be attached) | | | | |
|  | **GRAND TOTAL** |  |  | **100** |  |

**Note:** Supporting documents (where demanded) must be attached otherwise no marks wouldbe awarded.

**FORM A -1**

**TECHNICAL COMPLIANCE SHEET**

**BRIEF INTRODUCTION OF THE ORGANIZATION**

**Note: Must fill all fields and submit with bid**

|  |  |  |
| --- | --- | --- |
| **Sr No.** | **Fields** | **Description** |
|  | Name of the Organization |  |
|  | National Tax Number |  |
|  | Sales Tax Registration Number |  |
|  | Date of Establishment |  |
|  | Corporate Status(Proprietor Partnership, Private Limited, Public Limited) |  |
|  | Contact Person Name and Designation in the Organization |  |
|  | Mailing address |  |
|  | Contact / Cell No. |  |
|  | Fax No. |  |
|  | E-Mail Address |  |

**SIGNATURE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**NAME STAMP OF BIDDERS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |
| --- |
| **Technical Specifications** |

|  |  |  |
| --- | --- | --- |
|  | | ***Quoted Model Specifications*** |
| Name | **CNC EDM Wire Cut Machine** |  |

**Table 1: Machine Features and Specifications**

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No** | **Parameter** | **Units** | **Specification** |
| **1** | **Table travel X,Y, Axis** | **mm** | **320 x 400** |
| **2** | **Work table size L×W** | **mm** | **440×680** |
| **3** | **Max work piece thickness** | **mm** | **400** |
| **4** | **Max taper angle** |  | **±6 – 15°/80mm** |
| **5** | **Max work piece weight** |  | **600kg** |
| **6** | **Control system** |  | **Computer control system** |
| **7** | **Axis control** |  | **4 Axis Simultaneously** |
| **8** | **Resolution** |  | **.001mm** |
| **9** | **Wire centrode diameter** |  | **.15 - .2mm** |
| **10** | **Type of wire material** |  | **Molybdenum (reusable)** |
| **11** | **Type of die electric fluid** |  | **De ionized water/equivalent** |
| **12** | **Material to should able to cut by Wire EDM** |  | **Aluminum alloy, steel, carbon alloy steel, Titanium alloy, cooper alloys, Ni based alloy, cr based alloy** |
| **13** | **Least input increment** |  | **.001mm** |
| **14** | **Data input/output** |  | **USB port, Regular keyboard and mouse, should be able to use AutoCAD files, DXF files** |
| **15** | **Input power supply** |  | **3 phase, 380 volts 50HZ or suitable** |
| **16** | **Total load** |  | **1 -2 KW** |
| **17** | **Dielectric tank capacity** |  | **Minimum 50L** |
| **18** | **Maximum speed** |  | **200-250mm2/mint** |
| **19** | **Machining accuracy** | **mm** | **≤.015** |
| **20** | **Best finish surface** |  | **Ra≤2.4** |
| **21** | **Coolant filtering system** |  | **Standard** |
| **22** | **No need to change wire guide for different diameter** |  | **If need provide one set** |
| **23** | **Two axis external digital read out (DRO for quick job setting)** |  | **Yes** |
| **24** | **Software with CNC CAD for profile generation software** |  | **Yes** |
| **25** | **Motor Type** |  | **X,Y,U,V Stepper** |

**Table 2: Accessories and consumable.**

|  |  |  |
| --- | --- | --- |
| **S. No.** | **Item** | **Quantity** |
| **1** | **Coolant JR3A/JA-1** | **50Kg** |
| **2** | **Electrode wire** | **20 Spool (dia .18m, 2000m/spool)** |
| **3** | **Clamping Kit** | **1 Set** |
| **4** | **Wire vertical block** | **1 Set** |
| **5** | **Levelling pad** | **4 NOS** |
| **6** | **Standard wire guide** | **1 Set for each (dia.18mm-dia.25mm)** |
| **7** | **Flushing nozzle** | **2 Set** |
| **8** | **Metal tool box for keeping tools and consumable** | **1 Set** |
| **9** | **Allen key set** | **1 Set** |
| **10** | **Spanners Set** | **1 Set** |
| **11** | **Screw driver set** | **1 Set** |
| **12** | **Pliers** | **1 NOS** |
| **13** | **Safety gloves(leather)** | **1 Set** |
| **14** | **Cleaning brush, 3inch wide** | **3 NOS** |
| **15** | **Instructional manual/Technology Guide** | **1 Set Hard and Soft copy CD** |

**SIGNATURE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**NAME STAMP OF BIDDERS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Form B1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Supply of Machinery & Equipment – Private Sector** | | | | |
| **Sr. No.** | **Contract Name** | **Contract Value** | **Brief Description of the Work Performed** | **Name, Address & Contact No. of the Client** |
| **1** |  |  |  |  |
| **2** |  |  |  |  |
| **N.** |  |  |  |  |

Copies of contract awarded / Purchase Order must be attached otherwise no marks would be awarded.

**SIGNATURE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**NAME STAMP OF BIDDERS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Form B2**

**Supply of Machinery & Equipment – Public Sector**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr.** | **Contract Name** | **Contract** | **Brief Description** | **Name, Address & Contact No. of** |
| **No.** |  | **Value** | **of the Work** | **the Client** |
|  |  |  | **Performed** |  |
| 01. |  |  |  |  |
|  |  |  |  |  |
| 02. |  |  |  |  |
|  |  |  |  |  |
| N. |  |  |  |  |
|  |  |  |  |  |

Copies of contract awarded / Purchase Order must be attached otherwise no marks for Technical Compliance Sheet (Technical Proposal) would be awarded.

**SIGNATURE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**NAME STAMP OF BIDDERS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Form B3**

**Relevant Experience**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr.** | **Contract Name** | **Contract** | **Brief Description** | **Name, Address & Contact No. of** |
| **No.** |  | **Value** | **of the Work** | **the Client** |
|  |  |  | **Performed** |  |
| 01. |  |  |  |  |
|  |  |  |  |  |
| 02. |  |  |  |  |
|  |  |  |  |  |
| 03. |  |  |  |  |
|  |  |  |  |  |

Copies of contract awarded / Purchase Order must be attached otherwise no marks would be awarded.

**SIGNATURE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**NAME STAMP OF BIDDERS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Form D1**

**List of Technical Staff**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr.** | **Name of Employee** | **Certificate /** | **Experience** | **Address & Contact No. of the** |
| **No.** |  | **Diploma /** |  | **employee** |
|  |  | **higher technical** |  |  |
|  |  | **Qualification in Engineering** |  |  |
| 01. |  |  |  |  |
|  |  |  |  |  |
| 02. |  |  |  |  |
|  |  |  |  |  |
| N. |  |  |  |  |
|  |  |  |  |  |

**SIGNATURE\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**NAME STAMP OF BIDDERS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4.18 Opening of Technical Bids**

Technical Bids will publically be opened by the Committee, in the presence of bidders or their representatives who may choose to be present, as per date, time and venue mentioned in the advertisement / invitation for bid.

1. **4.19 Technical Evaluation**

Technical bids of the bidders will be evaluated as per Technical Evaluation Criteria. The bidder offering partial scope of work will be disqualified. The bidder offering complete scope of work and *securing 70%* or more in the technical evaluation will be declared technically qualified bidder. All quoted items of the complete package must meet the minimum required specification. In case any one item out of the *complete package does not meet the minimum required* specification *then such a bid will be rejected.*

1. **4.20 Opening of Financial Bids**

Financial Bids of the Technical qualified firms will be opened in the presence of the representatives of the Bidders.

1. **4.21 Method of Selection of Lowest Evaluated Bid**

A bid most closely conforming to evaluation criteria and other conditions specified in the bidding documents (*Securing at least 70% points in technical* evaluation), and having lowest evaluated cost will be *selected as lowest evaluated bid.*

1. **4.22 Award of Contract and Procurement Order**

Contract will be awarded to the lowest evaluated bidder for complete *package on accumulative* *cost basis following least cost method.* The contractor must submit performance guarantee @ 10% of the contract amount within 10 days of the award of contract. The same will be retained by procuring agency for the whole warranty period.

1. **4.23 Repeat Order**

The bidder may provide Machinery & Equipment on repeat order (15% of the original procurement order) under the provision of PPRA Rules 2004, if asked for.

1. **4.24 Manual / Literature**

The bidder is required to submit relevant literature / manuals (in Urdu or English), along with the Technical Bid (Where necessary / applicable). The manual / literature should meet the required / offered specifications of the Machinery & Equipment.

1. **4.25 Rejection of the Bid**

Bids will be rejected in case of the following:

* Received without bid security as demanded in the advertisement
* Received after due date and time.
* Bidding documents are unsigned/unstamped.
* The bid is from a bidder who is black listed, by any Government / Semi-Government Department / Autonomous Bodies in any part of Pakistan
* The bid is received by telephone/ telex/ fax/ telegram/E-mail.
* Offering partial scope of work / incomplete bids
* Bid security issued from an account, other than the bidder bank account title.

1. **4.26 Packing & Condition of the Machinery / Equipment**

* All Machinery / Equipment supplied must be in original form / packing.
* All Machinery / Equipment supplied must be genuine, brand new, non-furbished, un-altered in any way as per required specification, and imported (in any) through proper channel.

**4.27 Inspection of Machinery & Equipment**

1. The inspection or tests shall be conducted *at the premises of the bidder OR at the final destination (or at both places)*. Where conducted at the premises of the bidder shall provide all reasonable facilities and assistance after installation/ commissioning, which may include access to drawings, production data and online verification from official web-site of the manufacturer, to the inspectors at no charge to the procuring agency.
2. The procuring agency may reject the delivered items which fail to conform the technical specification, in any test or inspection and the contractor shall replace the rejected goods / items within fifteen working days, free of cost.
3. The PITAC post-delivery right to inspect, test and where necessary, reject the goods shall no way be limited or waived by reason of pre-delivery inspection, testing or passing of the goods.
4. PITAC can also order Third party Inspection of the machine and equipment, if needed.

**4.28 Delivery, Installation & Commissioning of Goods at Field Formations**

The bidder is responsible for delivery, installation & commission, including civil works (if applicable) as per procurement order. In case of poor response /Coordination from the field formations regarding delivery, installation & commissioning (if applicable), the bidder is required to inform PITAC Purchase Department for the solution of the same.

**4.29 Comprehensive Warranty / After Sale Service**

Bidders must provide two year free comprehensive onsite warranty, which must include service, technical support, parts / equipment replacement and any other related service at PITAC premises. The Warranty period will be started after completion of the full scope of work.

**4.30 Availability of Spare Parts**

The successful bidder must provide spare parts of the supplied items at market rate at any time after warranty period as per requirement of purchaser.

**4.31 Penalty**

In case of late delivery, installation and commissioning (if applicable) of goods period specified in the bidding documents, a delay penalty *@ 0.2% per day* of the cost of late delivered / installed / commissioned supplies / items shall be imposed on the supplier up to a maximum of 10% of the contract amount.

**4.32 Taxes**

PITAC will deduct all applicable taxes at the prevailing rate prescribed by the Government, from all payments submitted by the bidder. Change in rate of tax announced by the Government from time to time will be applicable.

**4.33 Payment**

1. **Mode**

Payment will be made through cross cheque after delivery at specified place, inspection, installation, commissioning and testing of the machinery/ equipment. The bidder shall provide all necessary supporting documents along with invoice for payment.

1. **Running Bill**

On complete / full delivery, commissioning and inspection of machinery & equipment at PITAC HQ; the bidder may submit running bill pertaining to the supplies provided at PITAC HQ. The running bill may be entertained by the procuring agency after fulfillment of the prescribed conditions.

1. **Final Bill**

Final payment will be made through cross cheque after complete delivery at PITAC HQ; final inspection, installation, commissioning and training of the machinery /equipment.

**4.36 Training of the Staff**

The supplier will provide necessary training to the PITAC officials, members free of cost. The terms and conditions for such training, may however be mutually decided between the PITAC and the successful bidders, if so required.

**4.37 Arbitration**

In case of any dispute between the procuring agency and the contractor after the procurement contract, the decision of decision of Competent Authority i.e. Director General PITAC will be considered as final.

**4.38 Black Listing**

The procuring agency may, for a specified period, debar a bidder or contractor from participating in any public procurement process of the procuring agency, if the bidder or contractor has:

* Acted in a manner detrimental to the public interest or good practices:
* Consistently failed to perform his obligation under the contract;
* Not performed the contract up to the mark; or
* Indulged in any corrupt practice.

Black listing mechanism will be followed as per PPRA Rules 2004.

**4.39 Communication**

In case of any problem regarding bids / preparation of bids / submission of bids, the bidder is allowed to contact Deputy Director (ESD/ Purchase) PITAC on the address mentioned below:

**Deputy Director (ESD/ Purchase),**

234 Ferozpur Road, Near Metro Canal Station Lahore.

Telephone No: 042-99230699, 042-99230702

E-Mail: [purchase@pitac.gov.pk](mailto:purchase@pitac.gov.pk)

**5. Delivery**

The bidder will be responsible for delivery, installation and commissioning (if any) as per Purchase order and in safe, sound operational condition at its own risk & cost, within 90 days of the issuance of the Purchase order.

Delivery period can be extended by the **Director General PITAC,** on the written request of the bidder, giving compelling reasons for delay in delivery.

**6 FORMAT OF ALL SECURITIES REQUIRED**

**Note: To be incorporated as per requirement**

**6.1 Bid Security**

All technical bids accompany the bid security as demanded in the advertisement / invitation to bid in the shape of CDR / DD / PO / Banker’s cheque in favour of Director General PITAC from the bidder’s account. In case of withdrawal of bid after opening the bid, security will be forfeited.

**6.2 Performance Guarantee**

The successful bidder must submit performance guarantee @ 10% of the contract amount within 10 days of the award of contract, in the shape of CDR / DD / PO / Banker’s cheque in favour of Director General PITAC. The same will be retained by procuring agency for the whole warranty period.

***6.3 Release of Bid Security***

After the issuance of the Purchase order and submission of Performance Guarantee, the successful bidder can request for the release of the Bid Security. Bid security will be returned to unsuccessful bidders after completion of tender process.

**7. CERTIFICATE**

**The bidder will attach following certificates:**

* An affidavit on stamp paper is required to be attached that the firm has never been blacklisted by any government, semi-government, autonomous body in any part of the country
* An affidavit on stamp paper is required to be attached that the supply of items will be made strictly to the terms and conditions, quality and specifications required. They will be Branded, Fresh and Original will not be refurbished / used at all.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**FINANCIAL PROPOSAL / BID**

**FOR**

**Purchase of CNC EDM Wire Cut Machine**

**(Tender No. 401 / 2021)**

**FORM OF BID – Financial Bid / Proposal**

**(Tender No. 401 / 2021: CNC EDM Wire Cut Machine)**

To

Director General

PITAC HQ, Lahore.

We have examined the bidding documents, the receipt of which is hereby duly acknowledged. We, the undersigned, agrees the **supply, install and commission & Testing of** the following items in conformity with the below mentioned required specification and prices mentioned against each item.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | **Pak Rupees (Rs.)** | | |
| **Sr.** | **Item name with Specification** | **Qty along with unit** | **Unit Price without GST** | **Total Price with GST** | **Total Price inclusive of all taxes** |
| **01** |  |  |  |  |  |
| **02** |  |  |  |  |  |
|  |  |  |  |  |  |
|  | **Grand Total (Rs.)** |  |  |  |  |

**(Amount of Grand total in Words:** (**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)**

I/We understand that the purchaser intends to award the contract to the lowest evaluated bidder. We will not claim any additional cost in respect of aforesaid equipment due to any price variations till the expiry of warranty period. We undertake, to complete the work / supply within the given time period in case we are declared lowest evaluated bidder.

**Note: All applicable taxes at the time of payment will be deducted. Change in the rate of tax announced by the Govt. from time to time will be applicable.**

**Name and signature of bidder with official stamp**