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| HEAVY INDUSTRIES TAXILA (HIT)DEVELOPMENT GROUP, DESCOMSCHEDULE FOR INVITATION OF TENDERFOR TECHNICAL / FINANCIAL PROPOSALNEGOTIATED TENDER AS PER PPRA RULE 42 (D) |

Tender No. 8600/201/DESCOM/Dev **IT/T/89 to 109** dated **02-11-2020** forward your quotation not later than **09-12-2020** at 1030 hrs and will be opened on **09-12-2020** at 1100 hrs.

***(In case of unavoidable circumstances Tender will be opened on next working day)***

1. Technical and Financial proposal are invited for development of items as per Annexure-A. The Financial proposal of only those firms will be opened which will qualify in Technical proposals.

2. Items as per **Annexure-A** are required to be developed as per available Drawings / Genuine Samples. Drawings/Genuine Samples can be seen/studied at Development Group DESCOM, Heavy Industries Taxila Taxila Cantt prior to submission of Technical & Financial offers.

***Note: For any guidance / query please contact Development Group DESCOM (Assistant Director Planning) Heavy Industries Taxila, Taxila Cantt.***

***Telephone No: 051-9315333 Extension 62863 & 62869***

3. **GENERAL CONDITIONS**

a. Participating firms should not have been defaulted in any contract with defense organizations.

b. **Black Listing of Firms:** Firm should not be black listed in any of the defence organization. In this regard firm should provide “**No Black Listing Certificate** **along with Technical Quotation”.**

c. Firms which are not registered with Heavy Industries Taxila can also participate in tender. These firms will deposit 5% earnest money (returnable) of the total value of indent with quotation. However, qualifying firm will have to get registered from Development Group DESCOM prior to processing the contract after completing all procedures/ requirements which can be sought from above mentioned offices/ given numbers.

d. **Single Stage Two Envelops Bidding Procedure:** Firms will submit Technical / Financial proposal in separate envelopes. Tender inquiry number and date of opening to be mentioned clearly on head of both Technical and Financial proposals envelops.

e. Technical offers, will be scrutinized by a board, and Technical Offers of only those firms will be accepted which have capability/ capacity to undertake development (Evaluation criteria is mentioned at clause 11). Financial quotation of not qualified firms will be returned to firms dully sealed.

f. **Rejection of Bids:** Managing Director DESCOM shall have the right to reject any or all of the tenders in accordance with PPRA Rules 33 (1).

g. **Re-Bidding:** In case all the Technical Quotations rejected, item / Items will be retendered.

h. Firms will prepare complete Technical Data Package (TDP) as per following criteria:-

 (1) Blank drawing

 (2) Part drawings along with complete dimensions and tolerances as per genuine sample.

 (3) Assembly drawing along with complete dimensions and tolerances.

 (4) Manufacturing drawings & welding drawings.

 (5) Complete material specifications as per genuine sample.

 (6) Tools, Jigs & fixtures drawing and manufacturing along with usage as per processes defined.

(7) Manufacturing process sheets encompassing all machining including heat/surface treatment and as per fitment/ functional test:-

(a) Microstructure of Metallic items/parts/assemblies: The microstructure of materials of components/parts/items must match the microstructure of the standard part component.

 (b) Heat Treatment process sheet with temperature, types of processes involved and depth of treatment for the required items.

 (c) Surface treatment process sheet along with surface depth of required coatings along with complete process sheet for the required items.

 (d) Casting process sheet (subject to respective item). Location of runner and risers. Size of riser and method of venting etc.

 (e) All those processes which are required i.e. forging, casting,machining will be followed by firm as per genuine sample and be made part of process sheets.

 (8) TDP, Drawing, process sheet, ATP and any other info regarding dev parts will be the intellectual property of HIT and will not be shared with any other outfit/org by the firm without permission of HIT.

 (9) Quality Assurance and Control (QC) documents consist of following criteria:

1. Stage inspection.
2. International standard/ specification.
3. Part inspection criteria.
4. Assembly inspection criteria.

(10) Firm will submit complete development/ control plan in form of Gantt chart etc, encompassing all the stages of development cycle along with technical course to be adopted mentioned above along with the technical offer. The control Plan is basically an outline of how contractor verifies fulfillment of the requirement of this IT. The Control Plan shall summarize the control techniques used from receipt of raw materials to shipment of product. Test/ Inspection characteristic values shall be identified in the development process. The initial control plan shall be established prior to qualification and shall reflect the product and process controls to be used for manufacturing of the items. The control plan shall be in chart form and reflect the following; Supplier Name, Process or Product Name, and number, Plan revision and revision date, Operation number or process step, Process parameters and product characteristics, methods of control (e.g. gauge, test, equipment etc used), sample size and frequency, Analysis Method (e.g. control chart, lot plot, run chart, etc) and other important control information. The control plan shall address the test methods/ equipment used to meet the requirement of this IT.

j. Firm will develop complete drawings, TDP, jigs & fixture as per requirement

k. Firms having excellent past record of supply / experience with **DESCOM** as far as quality and timely provision of store is concerned will be given preference.

l. Over writing and cutting of any nature in the quotation will not be accepted.

m. HEAVY INDUSTRIES TAXILA reserves its right to cancel the bidding process at any stage without justification/reason.

n. In case of any dispute regarding the terms and conditions and the quality of stores, the decision of the Chairman HEAVY INDUSTRIES TAXILA Board will be considered as final.

o. Indenter / purchaser reserves the right to increase/decrease the quantity of items, included in the tender without any reference to the firm.

 p. Heavy Industries Taxila, will not engage any other firm for development of same assembly during this period / quantity agreed, if all the requirements are met.

q. Heavy Industries Taxila, will place contract with firm as per tendered quantity. For future requirement, rate will be decided by user factory as per procedure/rules in vogue.

r. **Disqualification of Firms/ Vendors:** Heavy Industries Taxila, reserves its right to disqualify a vendor/ firm if it finds, at any time that the information submitted by him concerning qualification as vendor/ firm are false and materially inaccurate or incomplete.

4. **INSTRUCTIONS FOR SUBMISSION OF TECHNICAL PROPOSAL**:

1. Willingness for development of a particular item / assembly.
2. **Tender fee Rs 600/-** in shape of Cash / Postal Order (non refundable) must be attached with Technical Quotation of each item separately in favour of Budget and Account Officer (B&AO) DESCOM. Failing which the Technical Quotation will stand rejected.

c. Participating firms is required to furnish Federal Board of Revenue (FBR) registration certificate as manufacturer/ developer along with technical proposal and clearly mention their National Tax No (NTN) on Technical Quotation, failing which the Technical Quotation will stand rejected.

1. Technical quotation must be signed and stamped by authorized representative of firm.
2. The quotee firms will be required to explain / clarify the availability of technical infrastructure, human resources to undertake development of the required items or provide certificate of collaboration with other firms who have facilities, which are not held with quotee firm. Following are guide lines:-

(1) Design / Development cell

(2) Availability of requisite machines and equipment for manufacturing.

(3) Tools, gauges and test equipment.

(4) Technical manpower.

(5) Quality Control Cell

(6) Expertise in relevant field of manufacturing.

(7) Complete manufacturing process of item/assemblies.

5. **INSTRUCTIONS FOR SUBMISSION OF FINANCIAL PROPOSAL**:

a. The bidder / bidders will clearly mention on quotations that quoted rates are exclusive / inclusive of General Sales Tax (GST) / other duties. If no such condition is included in financial quotation it will be assumed that quoted rates are inclusive of GST / other duties / taxes.

b. The bidder / bidders will also confirm that all terms / conditions mentioned in IT are accepted.

6. **Tender Sample**: After financial opening the lowest bidder will be bound to develop and offer the Tender sample within 2 months, unless otherwise specified, and on successful development of Tender sample, contract will be awarded to firm. In case of failure contract may be awarded to the 2nd lowest bidder, after the approval of Board of officers.

7. The bidders will confirm acceptance of the following terms and conditions:-

a. **CORRESPONDENCE ADDRESSES.** All kinds of correspondence regarding quotations, contract supply of store and clarifications shall be directed to Managing Director DESCOM Heavy Industries Taxila, Taxila Cantt.

b. **DELIVERY OF STORES** Store-1 Development Group DESCOM Heavy Industries Taxila, Taxila Cantt.

 c. **INSPECTION AUTHORITY:** The Inspection Authority will be the Managing Director DESCOM, Heavy Industries Taxila, Taxila Cantt. Inspection will be carried out at DESCOM. MD DESCOM can nominate an inspection team of DESCOM and /or any appropriate public sector organization at his discretion.

 d. **STAGE INSPECTION:** Stage inspections will be carried out at manufacturing unit premises. The frequency of stage Inspection will be decided by managing Director DESCOM, keeping in view the complexity and nature of manufacturing process involved. All arrangement of these inspections and related tests is the responsibility of the manufacturer/developers.

e. **VALIDITY.**  Validation of the quotation will be 12 x months from the date of opening of financial quotation and till acceptance of the contract by both parties (Developer and DESCOM Heavy Industries Taxila).

f. **GUARANTEE/WARRANTEE:**

(1) A Guarantee/Warranty certificate will also be submitted along with the supplies by the supplier and will be valid for three years or 1650 Kilometers (KMs) of track mileages, whichever is earlier. It will commence from the date of the satisfactory fitment and function of the part/assembly/stores in the tank / vehicle/ equipment with the ultimate user.

(2) If any fault is detected in the part/stores at any stage with in guarantee / warrantee period same will be returned to the firm and will be replaced by supplier. The cost to this effect and the freight charges will be borne by the supplier.

 g. **PACKING:** Supplier will use following packing for the supply of stores:-

1. Each item will be packed in polythene bag duly preserved. Such bags will be packed in strong cartons. These cartons will be further packed in wooden cases of ***kail*** wood planks ½” thick.

(2) Strong carrying handles will be provided for each box.

 (3) Weights of each case/box will not EXCEED 25 Kilo grams.

(4) Firm will use the special packing to preserve/protect the precision/highly finished surface of the products.

h. Payment will be released after clearance of inspection note and acceptance certificate from the user factory. Delays in payment can be up to six months after receipt of stores to complete the inspection / acceptance / fittings formalities.

j. Advance payment if applicable as per rules will be recovered in initial batches of supplies of delivered store, till all the advance is recovered

k. Sales tax / other duties will be payable on actual by Controller of Military Account (CMA) Heavy Industries Taxila, Taxila Cantt / Budget Directorate / Budget & Account Officer (DESCOM) on submission of original documents.

l. The development work may be started only on receipt of signed contract / Letter of Intent (LOI) from Development Group DESCOM Heavy Industries Taxila, Taxila cantt.

m. Contracting agency / DESCOM Heavy Industries Taxila will reserve the right to carryout surprise check at manufacturer premises as a part of stage inspection.

n. Late delivery charges will be imposed at the rate of 2% per months & Max 10% of total value of late delivered store, if delivery schedule in not met.

o. HIT will reserve all the proprietary rights of developed items.

8. **Bank Guarantees against Contract Performance/Warranty Period**: The Developer shall furnish a 5% bank guarantee /Call Deposit Receipt (CDR) along with signed /stamped contract from scheduled bank in Pakistan against the total value of contract including taxes/duties. This bank guarantee/ CDR will remain valid as per warranty /guarantee clause. Bank Guarantee / Call Deposit Receipt will be released after completion of warranty period of store.

# 9. Delivery Period

# a. Tender sample: Contract will be awarded after approval of tender sample within 02x month, unless otherwise specified from the date of opening of commercial proposals.

#  b. Bulk: Within 09x Months after approval of tender sample.

10. **Technical Evaluation Criteria:** Following criteria will be adopted for evaluation of Technical Quotations of firms:-

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| **Details** | **Marks** | **Remarks** |
| a. | **Engineers** | 10 | (1 Mark for Engineer & 0.5 Mark for Diploma of Associate Engineering) |
| b. | **Test Lab** | 15 | **Cat A:(15)** | Precision Metrology equipment and adherence of international/testing std i.e. ASTM etc. Should have capability for Destructive & Non Destructive Test. Heat Treatment & related Treatment including Surface Treatment Test facility where required. |
| **Cat B:(10)** | Spectro analysis, Hardness testing, Ultrasonic/x-ray crack detection facilities. |
| **Cat C:(05)** | Spectro scopic analysis & hardness tests cap. |
| c. | **Quality Assurance System** | 15 | Should have well established Quality Management system involving Quality Control & Quality Assurance department and development of Quality Control document. |
| d. | **Capacity** | 15 | Development of Control Plan encompassing all aspects from raw material to end products.  |
| e. | **Capability** | 20 | The no and type of engineering processes e.g. Machining, forging casting, molding, stamping, Heat Treatment, Surface treatment etc. |
| f. | **Design/****Drawing Facility** | 15 | **Cat A:****(15)** | Design drawing, Manufacturing drawing, Assembly drawing Capability to define High Precision Heat Treatment and Surface Treatment processes and other treatment processes as per end product. |
| **Cat B:****(10)** | **Manufacturing Drawing, Assembly drawing,** Capability to define appropriate Heat Treatment, Surface Treatment processes. |
| **Cat C:****(05)** | **Assembly Drawing**Capability to define reasonable Heat Treatment process, Ability to define surface treatment process where required.  |
| g. | **Financial Strength/****Profile** | 5 |   |
| h. |  **Project Under Taken** | 5 |   |
| j. | **Past performance of the Firm** | 25 | Previous performance %age x 25  |
| **Total** | **125** |  |

11. **Award of Contract:** Contract will be awarded to most advantageous bidder.

12. **FIRM’S DECLARATION:** I/ We have studied and understood the instruction of tender inquiries and all conditions. I/ we have thoroughly examined the specifications/drawings/samples provided and fully aware about the nature of stores required and my/our offer to develop and supply of stores is strictly in accordance with the requirement. In case of any doubt, interest of state shall be kept foremost.

INDENTER: **Managing Director DESCOM Heavy Industries Taxila, Taxila Cantt**

TENDERED BY “DEVELOPMENT GROUP” DESCOM HEAVY INDUSTRIES TAXILA, TAXILA CANTT

**Anx-A**

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| **S #** | **IT No & Date** | **Part No** | **Nomenclature** | **Vehicle/ Product** | **Qty Req** |
| **Tender Sample** | **Bulk** |
| 1 | T/89 dated 02-11-2020 | 459-05Sb-5 | Air Compressor | 6TD-I | 01 | 10 |
| 2 | T/90 dated 02-11-2020 | 459-89Sb-3 | Air Distributer | 6TD-I | 01 | 10 |
| 3 | T/91 dated 02-11-2020 | 457-29Sb-2 | Heater | 6TD-I | 01 | 10 |
| 4 | T/92 dated 02-11-2020 | 459-43Sb-3 | Oil Extraction Pump | 6TD-I | 01 | 10 |
| 5 | T/93 dated 02-11-2020 | 457-86Sb-7 | Fuel Filter | 6TD-I | 01 | 10 |
| 6 | T/94 dated 02-11-2020 | WA319-00 | Thermal Sleeve | 105 mm Gun | 01 | 10 |
| 7 | T/95 dated 02-11-2020 | 478D-32-020Sb | Engine Oil Radiator | T80UD/AK-I | 01 | 12 |
| 8 | T/96 dated 02-11-2020 | 478D-32-030Sb | Transmission Oil Radiator | AK-I | 01 | 2 |
| 9 | T/97 dated 02-11-2020 | 478D-31-010Sb-1 | Right Water Radiator | T80UD/AK-I | 01 | 4 |
| 10 | T/98 dated 02-11-2020 | 478D-31-020Sb-1 | Left Water Radiator | T80UD/AK-I | 01 | 4 |
| 11 | T/99 dated 02-11-2020 | 11633530 | Cover Access | M113A1/A2 | 01 | 50 |
| 12 | T/100 dated 02-11-2020 | WZ120-12-005 | Balance Arm | T59/69 | 01 | 4 |
| 13 | T/101 dated 02-11-2020 | WZ120-12-001-8 | Balance Arm | T59/69 | 01 | 6 |
| 14 | T/102 dated 02-11-2020 | 478DU2-51-201 | Torsion Bar Shaft | T80UD | 1 | 5 |
| 15 | T/103 dated 02-11-2020 | 478DU2-51-201-1 | Torsion Bar Shaft | T80UD | 1 | 5 |
| 16 | T/104 dated 02-11-2020 | 434-38-002Sb | Calorifer Radiator | T80UD | 01 | 10 |
| 17 | T/105 dated 02-11-2020 | 478B-02-103 | Roof Torsion Bar shaft | T80UD | 01 | 4 |
| 18 | T/106 dated 02-11-2020 | 478BE-02-103-1 | Roof Torsion Bar Shaft | T80UD | 01 | 4 |
| 19 | T/107 dated 02-11-2020 | BW122D-14-065 | Connecting Arm | T-85IIAP | 01 | 11 |
| 20 | T/108 dated 02-11-2020 | BW122C-02-07 | Water Radiator | T-85IIAP | 01 | 30 |
| 21 | T/109 dated 02-11-2020 | BW122E-59-1-01 | Fire Extinguishing Cable | T-85IIAP | 01 | 110 |

**Note:**

1. **Please read tender clauses carefully before submitting the quotations.**
2. **Submit Technical & Financial quote of each tender in separate envelope and also attach IT fee for each tender separately with Technical quotation.**