

**HEAVY INDUSTRIES TAXILA (HIT)
DEVELOPMENT GROUP, DESCOM
SCHEDULE FOR INVITATION OF TENDER
FOR TECHNICAL / COMMERCIAL PROPOSAL
OPEN TENDER**

Tender No. 8600/201/DESCOM/Dev IT/T/1 to 9 dated 08-08-2019 Forward your quotation not later than 28-08-2019 at 1030 hrs and will be opened on 28-08-2019 at 1100 hrs.

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

1. Technical and Commercial proposal are invited for development of items as per Annexure-A. The Commercial proposal of only those firms will be opened which will qualify 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 & Commercial 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 defence 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 alongwith 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 / Commercial proposal in separate envelopes. Tender inquiry number and date of opening to be mentioned clearly on head of both Technical and Commercial proposals envelopes.
- e. Technical offers, will be scrutinized by a board, and Technical Offers of only those firms will be accepted which have capability/ capacity to under take development (Evaluation criteria is mentioned at clause 11). Commercial 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:-
 - (i) Blank drawing
 - (ii) Part drawings alongwith complete dimensions and tolerances as per genuine sample.
 - (iii) Assembly drawing alongwith complete dimensions and tolerances.

- (iv) Manufacturing drawings & welding drawings.
- (v) Complete material specifications as per genuine sample.
- (vi) Tools, Jigs & fixtures drawing and manufacturing alongwith usage as per processes defined.
- (vii) Manufacturing process sheets encompassing all machining including heat/surface treatment and other process required as per genuine sample production requirements:-
 - (a) Microstructure of Parts/items: The microstructure of materials of components/parts/items must match the microstructure of the final developed items/components/parts of the assembly.
 - (b) Heat Treatment process sheet with temperature, types of processes involved and depth of treatment.
 - (c) Surface treatment process sheet along with surface depth of required coatings alongwith complete process sheet.
 - (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.
- (viii) Quality Control (QC) documents consist of following criteria:
 - (a) Stage inspection.
 - (b) International standard/ specification.
 - (c) Part inspection criteria.
 - (d) Assembly inspection criteria.
- (ix) 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 alongwith 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 used to manufacture the qualification hardware. 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. gage, test, equipment etc), 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 within 06 months and get its approved from DESCOM and user factory from the date of publication of IT/tender in newspapers
- 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 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:**

- a. Willingness for development of a particular item / assembly.
- b. **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 alongwith technical proposal and clearly mention their National Tax No (NTN) on Technical Quotation, failing which the Technical Quotation will stand rejected.
- d. Technical quotation must be signed and stamped by authorized representative of firm.
- e. 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 COMMERCIAL 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 commercial 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:** Firms submitting tender sample with Technical quotation shall be preferred. Moreover best evaluated bidder can be asked to provide tender sample prior to processing of Development contract to check capabilities/capacity.

7. The bidders will confirm acceptance of the following terms and conditions:-
- a. **CORRESPONDENCE ADDRESS** 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.
 - 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 involve. All arrangement of these inspection is the responsibility of the manufacturer/developers.
 - e. **VALIDITY.** Validation of the quotation will be 12 x months from the date of opening of commercial 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 alongwith the supplies by the supplier and will be valid for three years or 1650 Kilometers (KMs) of track mileages, which ever is earlier. It will commence from the date of the fitment of the part/assembly/stores in the tank / vehicle/ equipment.
 - (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 b 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. 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.
 - k. 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.

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

8. **Bank Guarantees against Contract Performance/Warranty Period:** The Developer shall furnish a 5% bank guarantee /Call Deposit Receipt (CDR) alongwith 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. **Advance sample:** within 03x months after signing of contract.
- b. **Bulk:** Within 09x Months after approval of advance sample

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

Details		Marks	Remarks	
a.	Engineers	10	(1 Mark for Engineer & 0.5 Mark for Diploma of Associate Engineering)	
b.	Test Laborite	15	Cat A: (15)	Precision Metrology equipment and adherence of international/testing std i.e. ASTM etc. Should have capability for Destructive & No 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 of and type of engineering processes e.g. Machining, forging casting, moulding, 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, desired able to define surface treatment process where required.
g.	Financial Strength/ Profile	5		
h.	Project Under Taken	5		
Total		100		

11. **Award of Contract:** Contract will be awarded to best evaluated bidder
12. **FIRM'S DECLARATION:** I/ We have studied and understood the instruction of tender enquires and all conditions. I 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

Anx-A

S #	IT No & Date	Part No	Nomenclature	Qty Req		Remarks
				Adv Sample	Bulk	
1	T/01 dt 08-08-2019	BW123A-30-1-001	Turret Head	01	46	
2	T/02 dt 08-08-2019	653-66-00	Main Winch Assy	01	10	
3	T/03 dt 08-08-2019	BW122C-02-07	Water Radiator	01	25	
4	T/04 dt 08-08-2019	478D-32-020Sb	Oil Radiator	01	10	
5	T/05 dt 08-08-2019	478B-32-030Sb-1	Motor Oil Tank	01	10	
6	T/06 dt 08-08-2019	478B-33-310Sb-1	Tank Rack	01	10	
7	T/07 dt 08-08-2019	459-05Sb-5	Air Compressor	01	10	
8	T/08 dt 08-08-2019	BW122C-01-17	Rear Reservoir	01	160	Items are required to be developed out of Stainless Steel
9	T/09 dt 08-08-2019	BW122C-02-16	Front Reservoir	01	160	

Please read tender clauses carefully before submitting the quotations.

Note: Submit Technical & commercial quote of each tender in separate envelope and also attach IT fee for each tender separately with Technical quotation.