

**HEAVY INDUSTRIES TAXILA (HIT)
DEVELOPMENT GROUP, DESCOM
SCHEDULE FOR INVITATION OF TENDER
FOR TECHNICAL / COMMERCIAL PROPOSAL
NEGOTIATED TENDER AS PER PPRA RULE 42 (D)**

Tender No. 8600/201/DESCOM/Dev [IT/T/16 to 22](#) dated [24-12-2018](#) Forward your quotation not later than [30-01-2019](#) at 1030 hrs and will be opened on [30-01-2019](#) 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 Anx-A. The Commercial proposal of only those firms will be opened which will qualify in Technical proposals.
2. Items are required to be developed through reverse engineering i.e. **As per Genuine Samples**. Genuine samples can be seen at following places prior to submission of Technical & commercial offers.

Development Group DESCOM

Reception, HIT Taxila Cantt
Tel No. 051-9315333 Ext 62869, 62863

HIT Zonal Office Lahore

9-Tufail Road opposite MEO Office
Lahore Cantt Tel No: 042-99220861

HIT Zonal Office Karachi

1-Liaquat Barracks Karachi-4
Tel No: 021-99201472

**Note: For any guidance / query please contact Development Group DESCOM
HIT Taxila Cantt.**

Tel No: 051-9315333 Ext 62863 & 62865.

3. GENERAL CONDITIONS

- a. Participating firms should have not defaulted in any contract with defence organizations.
- b. Firm should not be black listed in any of the defence organization. In this regard firm should provide **“No Black Listing Cert alongwith Tech Quote”**.
- c. Firms which are not registered with HIT 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. 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. Managing Director DESCOM shall have the right to reject any or all of the tenders in accordance with PPRA Rules 33 (1).

- g. Firms will prepare complete Technical Data Package (TDP) as per following criteria:-
- (i) Part drawings alongwith complete dimensions and tolerances as per genuine sample.
 - (ii) Assembly drawing alongwith complete dimensions and tolerances.
 - (iii) Manufacturing drawings & welding drawings.
 - (iv) Complete material specifications as per genuine sample.
 - (v) Tools, Jigs & fixtures nomenclature along with usage as per processes defined.
 - (vi) 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 with temperature, types of processes involved and depth of treatment.
 - (c) Surface treatment process along with surface depth of required coatings alongwith complete process sheet.
 - (d) Casting process (subject to respective item). Location of runner and risers. Size of riser and method of venting etc.
 - (e) All those processes which require i.e. forging, casting, machining will be followed by firm as per genuine sample and be made part of process sheets.
 - (vii) 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 /or number, Plan revision and revision date, Operation number or process step, Process parameters and product characteristics methods of control (e.g. gage, test 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.
- h. Firm will dev 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
- j. 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.
- k. Over writing and cutting of any nature in the quotation will not be accepted.

- l. HIT reserves its right to cancel the bidding process with out justification/reason.
- m. In case of any dispute regarding the terms and conditions and the quality of stores, the decision of the Chairman HIT Board will be considered as final.
- n. Indenter / purchaser reserves the right to increase/decrease the quantity of items, included in the tender without any reference to the firm.
- o. HIT will not engage any other firm for dev of same assembly during this period / quantity agreed.
- p. HIT 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.

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

- a. Willingness for development of a particular item / assembly.
- b. **Tender fee Rs 1000/-** 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. Technical quotation must be signed and stamped by authorized representative of firm.
- d. 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 and gauges.
 - (4) Technical manpower.
 - (5) Quality Control Cell
 - (6) Expertise in relevant field of manufacture.
 - (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 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 HIT, Taxila Cantt.
- b. **DELIVERY OF STORES** Store-1 Development Group DESCOM HIT, Taxila Cantt.

- c. **INSPECTION AUTHORITY:** The Inspection Authority will be the Managing Director DESCOM, HIT Taxila Cantt. Inspection will be carried out at DESCOM
- d. **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 HIT).
- e. **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 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 be borne by the supplier.
- f. **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 Kgs.
 - (4) Firm will use the special packing to preserve/protect the precision/highly finished surface of the products.
- g. 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.
- h. Sales tax / other duties will be payable on actual by Controller of Military Account (CMA) HIT Taxila Cantt / BMP Dte / B & AO (D) on submission of original documents.
- j. The development work may be started only on receipt of signed contract / Letter of intent (LOI) from Development Group DESCOM HIT Taxila.
- k. Contracting agency / DESCOM HIT will reserve the right to carryout surprise check at manufacturer premises as a part of stage inspection.
- l. 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. **BGs against Contract Performance/Warranty Period:** The Developer shall furnish a 5% bank guarantee /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. BG/CDR will be released after completion of warranty period of store.

9. **Delivery Period**

- a. **Advance sample:** within 3x months after signing of contract.
- b. **Bulk:** With in 09x Months after approval of advance sample

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

Details		Mks	Remarks	
a.	Engrs	10	(1 Mk for engr & 0.5 Mk for DAE)	
b.	Test Lab	15	Cat A: (15)	Precision Metrology eqpt and adherence of intl/testing std i.e. ASTM etc. Should have cap for Destructive & NDT. Heat Treatment & Surface Treatment Test facility.
			Cat B: (10)	Spectro analysis, Hardness testing, Ultrasonic/x-ray crack detection facilities.
			Cat C: (05)	Spectro scopic analysis & hardness tests cap.
c.	QA Sys	15	Should have well estb Quality Mgmt Sys' involving QC & QA dept and development of QC document presentation	
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 engg processes eg. Machining, forging casting, moulding, stamping, Heat Treatment, Surface treatment etc.	
f.	Design/Drg Facility	15	Cat A: (15)	Design drg, Mfr drg, Assy drg (Cap to define High Precision Heat Treatment' and Surface Treatment processes).
			Cat B: (10)	Mfr drg, Assy drg, (Cap to define appropriate Heat Treatment and Surface Treatment processes).
			Cat C: (05)	Assy drg (cap to define reasonable Heat Treatment process, desiredable to define surface treatment process).
g.	Fin Str/ Profile	5		
8	Proj Under Taken	5		
Total		100		

11. **Award of Contract:** Contract will be awarded to best evaluated bidder

12. **FIRM'S DECLARATION:** / 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 HIT Taxila Cantt](#)

TENDERED BY "DEVELOPMENT GROUP" DESCOM HIT TAXILA

S #	IT No & Date	Part No	Nomenclature	Qty Req	
				Adv Sample	Bulk
1	Π/Τ/16 dt 24-12-2018	478DU2-56-200Sb	Track Idler wheel with Tensioner Mechanism (Assy Consist of 54x items)	01	10
2	Π/Τ/17 Dt 24-12-2018	459-46Sb-6	Centrifugal Oil Filter	01	10
3	Π/Τ/18 dt 24-12-2018	459-81Sb	Fuel Pump	01	12
4	Π/Τ/19 dt 24-12-2018	459-43Sb-3	Oil Extraction Pump	01	10
5	Π/Τ/20 dt 24-12-2018	459M-41Sb-2	Oil Pump	01	50
6	Π/Τ/21 dt 24-12-2018	4591-41Sb	Oil Pump	01	50
7	Π/Τ/22 dt 24-12-2018	457-04-208Sb-1	Water & Oil Separator	01	10

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.