



Government of Pakistan
PAKISTAN ORDNANCE FACTORIES
TENDER ENQUIRY

To

Dear Sirs,

Reference : TENDER ENQUIRY NO 0001-HVN-FP-48-Capt. DATED. 16-08-2018.

Suppliers / Manufacturers / OEMs are requested to submit quotations for the item noted in the schedule to the tender. Offers should be sent duly sealed in an envelope. Please note the following instructions for filling the tender:-

1. **SUBMISSION OF TENDER**

- 1.1 Tenders will be opened at 1230 hours on 03-10-2018 and must reach in this office at 1200 ours. The tender received late will not be entertained. You may witness the opening of the tender if you so desire. If a representative is deputed, he should bring a letter of authority from you.
- 1.2 Only one tender should be included in one envelope. The outside of the envelope should be inscribed with:-

Tender Enquiry No: 0001-HVN-FP-48-Capt dt. 16-08-2018.

Tender to be opened on: 03-10-2018

Address as follows:-

MANAGING DIRECTOR
PAKISTAN ORDNANCE FACTORY
HAVELIAN CANTT DISTT. ABBOTTABAD. PAKISTAN.

- 1.3 If envelope do not indicate reference of TEs or received late the same will be returned un-opened.

2. **GENERAL INSTRUCTIONS REGARDING OF QUOTATIONS**

- 2.1 For materials, the prices should be filled in column 5 and delivery date in column 6 of the schedule to this Tender Enquiry. The undertaking should be signed at the bottom of the schedule which shall form the Quotation. You may use a separate sheet if necessary.
- 2.2 For Plant and Machinery, you are required to quote in two parts (As per PPRA Rule 36-d):-

Part I "Technical Offer": It should exclusively give technical details and literatures/brochures of the offered plant, machinery and equipment; validity date; delivery schedule; and signed undertaking given on the schedule to this Tender Enquiry. It must not indicate price, costs etc.

Part II "Commercial Offer": It should indicate the commercial terms e.g. price, terms of payment, mode of payment, mode of supply.

Each part should be placed in a separate sealed cover. The envelopes should be inscribed with Part I "Technical Quotation without Price" and Part II "Commercial Quotation with Price".

- 2.3 The quotation must remain valid for, at least 90 days from the date of opening of tenders.
- 2.4 In the event of non-acceptance of offer, no intimation will be given to the Tenderers.
- 2.5 Conditional Offers or alternative offers are likely to be ignored.
- 2.6 Quotations should be based on FOB. The consignment will be shipped through Pakistan National Shipping Corporation (PNSC). In case there is no PNSC service in the country of shipping, please quote on C & F basis. The freight should be indicated separately. Insurance premium should not be included in the quoted price. However, where insurance is considered necessary, advice to that effect should be given in the quotation.
- 2.7 Submission of the offer through an agent in Pakistan should be avoided. In case it is considered inevitable, the agent's quotation must invariably be accompanied by the original proforma invoice from the principals/manufacturers.
- 2.8 Country of origin and port of shipment to be stated.
- 2.9 The offer of principal must clearly indicate whether the rate quoted is inclusive of agent's commission, and if inclusive rate of commission included be specified.
- 2.10 Supplier will render necessary information regarding hazardous effect on environment, of the materials/products supplied by them, in their quotation and shipping/dispatch documents.
- 2.11 If the requisite information is not furnished on the T.E. form or offer received is not in conformity with the requirement of the T.E such offer shall be ignored.

3. INSPECTION

- 3.1 Pre-shipment inspection team comprising of two member of purchaser will be arranged by the manufacture, all the expenses including traveling, boarding/lodging, and transportation will be borne by the supplier. The manufacture will properly address any discrepancy pointed out by the pre-shipment inspection team before shipment and the machine will be dispatched after acceptance of PSI.

4. ACCEPTANCE OF OFFERS

- 4.1 POF Havelian reserve the right to reject all bids or proposals at any time prior to their acceptance and upon request communicate concerned suppliers or contractors the grounds for its rejection of all bids, proposals without any justification.

4.2 PERFORMANCE BOND

- (a) The supplier will provide a Bank Guarantee to the tune of 10% of C&F value of the contract for satisfactory execution of the order. It shall be covered by any Scheduled Bank in Pakistan. The Bank Guarantee shall be endorsed in favour of CMA, Wah Cantt, who is Accounts Officer specified in the contract. The CMA Wah Cantt shall have the like power of seeking encashment of the Bank Guarantee as if the same has been demanded by the purchaser himself. The Bank Guarantee shall be furnished by the Supplier within 45 days from the date of opening of letter of credit. The Bank Guarantee will be valid for a period of 24 months after the date of FAT (Final Acceptance Test) Certificate. If delivery period is extended the Supplier shall arrange the extension of Bank Guarantee within 30 days from the date of amendment of L.C. If the Guarantee is not revalidated the same is liable to be en-cashed by the CMA, Wah Cantt.
- (b) In the event of unsatisfactory performance or any breach of the Contract, Bank Guarantee shall be forfeited by the Purchaser. The Bank Guarantee be returned to the Supplier by CMA, Wah Cantt on request after its expiry or 24 months after satisfactory Final Acceptance Test (FAT) whichever is earlier.

4.3 **FAILURE TO SUPPLY THE STORES**

All deliveries must be completed by the specified dates. If the failure to deliver the stores within the scheduled time should have arisen from "Force Majeure", which the purchaser may admit as reasonable ground for further time, he will allow such additional time as he may consider to have been required by the circumstances of the case. Otherwise, he will be entitled, at his discretion, to cancel the contract; and/or claim liquidated damages upto 2% but not less than 1% of the contract price of the items and their quantities for each and every month or part of a month, beyond the specified delivery date, during which these may not be delivered, subject to a maximum of 10% of the total contract value; or, to purchase from elsewhere, the unsupplied stores at the risk and cost of the supplier.

4.4 **PAYMENT**

Payment will normally be made by means of irrevocable letter of credit. Schedule of payment is as under:

Sr. No.	
01	80% payment will be released after the acceptance of PSI Team on submission of dispatch documents to Bank.
02	20% payment will be released on receipt and acceptance of store by the consignee.

All Bank charges incurred in Pakistan in connection with the establishment of L.C will be borne by the purchaser, whereas all Bank charges incurred in connection with drawing of payment including charges for confirmation of L.C. by the advising Bank / Foreign Bank will be borne by the Supplier.

5. **SECRECY OF INFORMATION.**

The tenderer and his employees must not communicate any information relating to the sale / purchase of stores under this enquiry to any person other than the manufacturer or to any press or agent not authorized in writing by POFs to receive it.

Please return the schedule to the tenderer duly signed by the specified date, along with the specifications, drawings etc., if any, enclosed herewith – even if you are unable to quote.

WARNING In case the firm abstain from making offers or fail to return/acknowledge the tender form by the specified date on three consecutive occasions, no further Tender Enquiry may be issued to them and their names would liable to be removed from the approved list.

Yours Faithfully



GM - ENGINEERING
For PAKISTAN ORDNANCE FACTORIES
Tele: +92-992-810001 & 3 Ext.28359
Fax: +92-992-810318
E.mail: mdhvn@pof.gov.pk

PAKISTAN ORDNANCE FACTORIESSCHEDULE TO TENDER NO. **0001-HVN-FP-48-Capt** DATED **16-08-2018****FOR MACHINERY.****TE WILL BE OPENED ON: 03-10-2018**

(1)	(2)	(3)	(4)	(5)		(6)
Item NO	Description with Specs. Etc.	Unit	Qty	Price Per Unit FOB or C&F Basis		Delivery Date
				In Figures	In Words	
1.	<u>Pulverizer / Hammer Mill Type Machine</u> Specifications & Other Conditions attached as per Annexure-"A"	No	01			

Note: (i) In case of local firms see Annex (B) at page # 8.**(2) For Plant & Machinery:****Specification: - Attached****(3) Special Conditions**

1. Suppliers/Manufacturers/OEMs are eligible to offer.
2. Manufacturers/OEMs having their own designs are also eligible to offer.
3. Certificate regarding Manufacture/OEM for the quoted machines be provided with offer.
4. Company profile including store supplied in Pakistan and trading worldwide be provided.
5. Quotation submitted on Schedule to T.E must be signed / stamped.
6. Provide complete specification & technical literature/Brochures alongwith offer.
7. Offer should only be forwarded if the manufacturer/OEM has authorization/ Export Permit for export of store.
8. Pre-shipment inspection of the store will be carried out by PSI team comprising of Two POF Persons. In this regards all expenditure (Ticketing, Boarding and Lodging etc.) for visit of two POF Persons (PSI Team) will be borne by the manufacturer/OEM.
9. Offer should be on C & F Karachi basis showing Sea freight Charges separately.

Note: - Quotations must be submitted separately for Technical & Commercial offer duly sealed as per clause 2.2 of the T.E.**(4) Undertaking**

Should our offer be accepted, we hereby undertake to supply the stores/render the services contracted on the basis of General conditions of contract embodied in Form POF 1282, and to deposit the performance bond within the prescribed time, failing which it will constitute a breach of contract, and POF will have the right to purchase the stores/services elsewhere at our risk and cost.

Place _____

Signature of Tenderer _____

Date _____

Name _____

Position _____

Address _____

TECHNICAL KNOW HOW

The supplier must provide the following literatures/drawings/manuals. Literature manuals should be in simple and clear English language.

1. Installation prerequisites will be provided immediately on conclusion of contract. These include foundation drawings, power and service requirements clearly giving cabling and piping layouts.
2. Installation/commissioning manuals, to include complete data and procedure for initialization of the machine. The initialization data should additionally be provided on a USB disc.
3. Operator instruction manuals.
4. Maintenance service manual, to be included comprehensive diagnostic information. The following details/drawing must be included in the maintenance manual.
 - a) Detailed procedures regarding the self diagnostic features of the machine.
 - b) Constructional drawings necessary for operation/maintenance of the machine.
 - c) Electrical/Electronics schematic and wiring diagrams including component layout and circuit diagrams of PCBs with interlinking wiring diagrams.
 - d) Pneumatic and hydraulic control diagrams.
 - e) Flow charts and procedures for trouble shooting. Wave forms at various test points should be given to aid trouble shooting.
 - f) Complete specifications of all sensors and fuzes.
 - g) Adjustment instructions and procedures for all the potentiometers.
 - h) All EPROM/PLC programmes to be provided on paper and on a USB disc.

MACHINE SPECS.

The machine should incorporate self diagnostic features. Diagnostic programs having inter-active dialogue with the operator should be provided on a USB disc.

Any special equipment required such a PLC/EPROM Programmers may be quoted. Price to be indicated separately.

SPARES PARTS

Recommended spare parts for two years maintenance are to be quoted separately. List of all the required items may also be given. Prices of all PCBs, programmed eproms, all custom huilt ICs may be provided item-wise. Final list of requisite spares will be prepared by POFs.

TRAINING

Supplier will undertake to train the purchaser's personnel for operation/trouble shooting and maintenance of the machine on site and its elements down to the level of PCBs. The following information will be submitted along with the offer.

- Training cost.
- Duration, number of trainees and disciplines in which training will be imparted.

SPECIFICATION

- NOMENCLATURE** : **Pulverizer / Hammer Mill Type Machine**
1. Average capacity of each machine : 40 kg / hour
- 1.1 The Pulverizer suitable for pulverizing of heat sensitive materials (KNO₃) inbuilt with dust collector & mesh sieve as per following specification:
- Rated Capacity : 40 Kg/hr
- Granules of feed material : < 10mm
- Product size / output : passing through 200 mesh
- 1.2. Material of the cutter : Stainless steel
2. **SCOPE OF SUPPLY.**
Hardware (Mechanical & Electrical)
 The following hardware should be included in the supply.
- 2.1 All the elect motors should be intrinsically safe, explosion proof, flame proof and conform to IP (IP-65) rating in explosive area.
- 2.2 Pulverizer machine complete in all aspects including safety equipment and essential accessories.
- 2.3 Erection material such as steel structure for supporting of machinery.
- 2.4 Cables required for electrical installation.
- 2.5 Start / Stop control station for all motors (with ampere meters) and pumps etc along with perforated cable trays for power & instrumentation and mounting accessories.
- 2.6 Consumable required during installation of the machinery.
- 2.7 Civil construction work will be executed by the purchaser as per design and materials specifications provided by the supplier.
- 2.8 The pulverizing machine should be provided with the magnetic separator to remove any metallic impurity.
- 2.9 Inbuilt dust collecting system must be included.
3. **ERECTION INSTALLATION & TRIAL RUN OF MACHINERY.**
- 3.1 The purchaser personnel's under the working supervision of the supplier's engineer & technicians shall install the machinery.
- 3.2 The machinery will be commissioned and trial production will be carried out by seller's engineers. Purchaser shall provide the required number of operators & technicians for the installation, commissioning & trial run.
- 3.3 The supplier has to indicate the total man-weeks of his engineers / technicians required for the installation, commissioning and trial run of the machinery. Terms and condition are to be stated clearly. All expenses including boarding, lodging, traveling & daily allowances of the supplier's engineers / technicians are to be borne by the supplier, however local transport shall be arranged by the purchaser.
- 3.4 The supplier shall provide the time schedule for completion of the installation, commissioning and trial run.
- 3.5 It shall be guaranteed that spares shall be available for at least 10 years after successful installation of pulverizer machine.
4. **DOCUMENTATION.**
 The supplier will be required to furnish relative technical data (4 copies each in English language) including the following:
- 4.1 Detailed civil engineers design indicating foundation holes, static and dynamic load etc. Also layout showing safety installation, electrical installation, utilities, humidification and temperature controlling system etc.
- 4.2 Detailed drawings & specifications of the machinery.
- 4.3 Detailed erection drawings.
- 4.4 Specifications of materials not included in the supplies but necessary for integration of the offered machinery.

- 4.5 Maintenance and services manuals of the machinery.
- 4.6 Safety and labour protection instructions.
- 4.7 Comprehensive operating manual of pulverizer machine & related equipment.
- 4.8 P & I drawing.
- 4.9 Detailed electrical & instruments connecting diagrams.

5. **CLIMATIC CONDITIONS.**

- Temperature Range = -3 °C in winter to 45 °C in summer
- Atmospheric relative humidity = 30 to 90 %
- Average annual rain fall = 450 mm
- Altitude above sea level = 790 meter
- Earthquake value = 7.5 Richter scale

6. **AVAILABLE UTILITIES.**

- Following utilities are available at site:
- phase electricity, 400 ±5 % volts, 50Hz
- Single phase. Electricity 220 ±5 % volts, 50Hz.
- Raw water (with 2bar pressure)
- Steam up to 25 bars (Saturated Steam)
- Compressed air up to 6 bar (G) at battery limits
- Instrument Air (with 4bar pressure).

7. **TECHNICAL SUPPORT.**

The supplier shall confirm that after installation of the pulverizer machine, there shall be continuing technical support as and when required by the purchaser. In addition, the purchaser shall be kept informed regarding latest advancement in the related technology for further improvement in the process for a period of 15 years, commencing from the date of installation of pulverizer machine.

WARRANTY / GUARANTEE.

- 8.1 The machine and accessories shall be accepted on supplier's warranty / guarantee with regard to quality and quantity subject to these being technically checked / tested where necessary and accounted for on arrival at consignee's warehouse in the presence of supplier's rep. (if desired by supplier) at their cost. The supplier shall render warranty / guarantee certificate in duplicate to the purchaser on the enclosed proforma (Annex-C) as soon as stores have been dispatched / delivered. The warranty / guarantee shall be binding on the supplier for a period of 24 months reckoning from the date of commissioning of machine.
- 8.2 In case the stores on checking / test after receipt at consignee's warehouse are found not conforming strictly to the relevant specification and other particulars or found broken during transit, the supplier shall immediately replace the rejected / broken stores by acceptable store, free of cost and without any obligation to the purchaser. During Pre-shipment inspection (PSI) rejected / broken stores shall be replaced before dispatch.
- 8.3 The supplier shall warrant the good quality of all equipment supplied against all defects or failures due to faulty design, material, or workmanship.
- 8.4 The supplier shall also provide guarantee for meeting the requisite quality and quantity of the products. Quantitative guarantee regarding plant capacities shall be based on 120 working hours. In case of any deficiency in terms of quality and quantity of products, all related expenditures shall be borne by the supplier.

9. **NO – AGENTS.**

We shall deal with the supplier directly without involvement of any local / foreign agents. The purchaser shall pay no agency commission.

Documents Required In Case Of Submission of Tender by local firms
OR
On Behalf of Foreign Principals

- i. *Proof of being OEM or his authorized dealer.*
- ii. *Company Profile*
- iii. *Financial status showing annual turnover.*
- iv. *Detail of contracts finalized with POFs & other Govt. depts.*
- v. *NTN/GST Certificates.*
- vi. *Proof of registration with any Government depts.*
- vii. *Bid Money @ 2% (for registered firms with POFs) and 5% (for un-registered firms) of the quoted value (upto max. ceiling of Rs 0.200 million) should accompany the tender in shape of Call at Deposit Receipt from any scheduled bank drawn in favour of MD-POF Hvn Cantt.*
- viii. *Offer in local currency without tender fee i.e., Rs. 500 (Postal Order) & bid money will not be considered.*
- ix. *Offer without complete Bid Money (CDR only) & Tender Fee (Postal Orders only) in accordance with clause No. 4 & 5 will not be entertained.*
- x. *Basic Price and Sales Tax should be quoted separately.*
- xi. *In case, the order is placed on your firm, Professional Tax Certificate issued by the Govt of KPK will have to be submitted along with the bill against supplies*

WARRANTY / GUARANTEE CERTIFICATE

Firm's Name _____

Contract No. _____ Date _____

We hereby guarantee that the goods supplied against the above contract are in all respect in accordance with the relevant specifications and terms of the contract and that the materials used, whether or not of our manufacture, are in accordance with the latest approved standard specifications complete, are of good workmanship / quality throughout, latest design, no case used / old or reconditioned and that we shall replace free of cost, every article or part thereof which before use or in use, shall be found defective, old reconditioned or not within the limits and tolerance of specification requirements, or in any way not in accordance with the terms of the contract.

2. In case of our failure to replace defective stores free of cost within the period specified by the Purchaser we would refund the relevant cost.
3. The Warranty / Guarantee will remain valid for 24 months counted from the date of Final Acceptance Test (FAT).

Signature _____

Name _____

Status in the Firm _____

Dated _____