



POF 1262
(FOREIGN SUPPLIES)

**GOVERNMENT OF PAKISTAN
PAKISTAN ORDNANCE FACTORIES
TENDER ENQUIRY**

To

M/s _____

Dear Sirs,

Reference: **TENDER ENQUIRY NO. 4104-MPO-W-CNC-DIE SINKING MACHINE (QTY 01) DATED 30-01-2019**

You are requested to submit quotations for the items(s) 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 Room No 3, Bid Centre, adjacent to Rabita Hall, POF Wah Cantt at **11:00 hours on 06-3-2019** and must reach CR Section, POF Wah Cantt on or before **10:20 hour up to due date**. 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: **4104-MPO-W-CNC-Die Sinking Machine, dated 30-01-2019**

Tender to be opened on: **06-3-2019**

Address as follows:-

- i) For Technical Offer: **Managing Director
Weapons Factory
CR Section, C-04 Building , POF Wah Cantt.
Email : mdwpm@pof.gov.pk**
- ii) For Commercial Offer: **Chairman, POF Board,
POF Board Headquarter,
Wah Cantt. Pakistan
Fax. +92-51-9314080
E-Mail: chairman@pof.gov.pk**

iii) Both Technical & Commercial offers duly sealed in 02x separate envelopes should be sent in third envelope, which should indicate address of MD-Weapons POF- Wah Cantt.

1.3 If envelope does not indicate reference of T.Es or received late the same may be returned un-opened.

2. **GENERAL INSTRUCTIONS REGARDING PREPARATION 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:-

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 The quotation should hold good for any reduced or enhanced quantities without notice.

2.5 In the event of non-acceptance of offer, intimation may be given to the tenderers on their request.

2.6 Conditional offers or alternative offers are likely to be ignored.

2.7 Quotations should be based on F.O.B. 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.

- 2.8 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 Performa invoice from the principals/ manufacturers.
- 2.9 Country of origin and port of shipment to be stated.
- 2.10 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.
- 2.11 Suppliers will render necessary information regarding hazardous effects on environment, of the materials/products supplied by them, in their quotations and shipping/Dispatch documents.
- 2.12 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 Supplies shall be subject to the inspection and acceptance by the competent inspection authority nominated by the Purchaser, inspection facilities such as tools, test equipment, instruments etc will, however, be provided by the Suppliers in accordance with the relevant specifications.
- 3.2 Where considered necessary by the Purchaser, stores may be obtained on Warranty/Guarantee, subject to inspection on receipt. Rejected stores will be removed and replaced with the acceptable stores by the Supplier at his own expense, within a specified time.

3.3 TENDER SAMPLE

Where required offer must accompany tender sample strictly according to the description given in tender enquiry. Offer not accompanied by tender sample will NOT be entertained excepting the established and reputable firms who have either previously satisfactorily supplied the same or similar stores or have submitted an acceptable samples thereof against previous T.E.

4. ACCPTANCE OF OFFERS

- 4.1.1 The procuring agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal. The procuring agency shall upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposals, but is not required to justify those grounds.

- 4.1.2 Procuring agency shall incur no liability, solely by virtue of its invoking subrule (1.1) towards suppliers or contractors who have submitted bids or proposals.
- 4.1.3 Notice of the rejection of all bids or proposals shall be given promptly to all suppliers or contractors that submitted bids or proposals.

4.2 **PERFORMANCE BOND**

- (a) The successful bidders will provide Performance Bond at the rate upto 10% of F.O.B. value of contract in favour of the Controller Military Accounts (CMA) POF Wah Cantt. The Performance Bond will be furnished in the form of Deposit At Call Receipt (CDR) from any scheduled Bank in Pakistan or an unconditional bank guarantee on prescribed Performa covered by any scheduled bank in Pakistan. The Performance Bond shall be furnished within 45 days from the date of opening of Letter of Credit. It shall be valid for a period of 12 months after the date of expiry of letter of credit. If the Performance Bond is not furnished within the prescribed time of 45 days, the Purchaser reserves the right to:

- i. Impose penalty @ 1 % per month of the value of CDR/BG.

(Clause-4.2 (a i) is not applicable in case of procurement of Plant / Equipment / Machinery items)

OR

- ii. Cancel the contract and make other arrangements for purchase of the stores at the risk and expense of the Supplier.
- (b) No Performance Bond will be required if the total FOB value of the contract is less than US\$ 50,000 and contract is placed directly on the foreign Supplier.

4.3 **FAILURE TO SUPPLY THE STORES**

All deliveries must be completed by the specified date. 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 of particular store which remained unsupplied either in part or in full or, to purchase, from elsewhere, the unsupplied stores at the risk and cost of the Supplier.

4.4.1 PAYMENT

Payment will normally be made by means of irrevocable letter of credit. Unless otherwise stated 80% payment will be released on submission of dispatch documents to Bank while balance 20% payment will be released on receipt and acceptance of store by consignee.

All Bank charges in Pakistan in connection with 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

SECURITY 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 Tender 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 occasion, no further tender enquiry may be issued to them and their names would liable to be removed from the approved list.

Yours faithfully,



(**NAEEM AHMED**)
MANAGING DIRECTOR-WPNs,

POFs Wah Cantt.
For and on behalf of President of
The Islamic Republic of Pakistan.

PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER NO. 4104-MPO-W-CNC-Die Sinking Machine dated:
30-01-2019

(1) FOR MATERIAL

(1)	(2)	(3)	(4)	(5)		(6)
Item No.	Description with Specs. etc	Unit	Qty.	Price per Unit FOB or C & F		Delivery Date
				In Figures	In Words	
01	CNC DIE SINKING MACHINE	No.	01			

(2) For Plant & Machinery:-

Description & Specification:-

Enclosed as Annexure- "A"

(3) Technical Comparison:-

Enclosed as Annexure- "B"

(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 _____

Income Tax G.I.R No. _____

Note:

- All safety devices should be in accordance to international standards and to be mentioned separately.
- Any other additional features, optional requirements, additional machine spares must be quoted separately
- Deviation from above mentioned specification will be evaluated by evaluation team.
- Other necessary accessories i.e. Air conditioner for panel, voltage stabilizer etc. should be installed with the machine.

1. DOCUMENTATION

03 x SETS of following documents in English language are required.

- Schematic Diagram of each PCB.
- Operation and maintenance manual to be provided.
- Electric sequence control circuit diagram of machine.
- Detail of motors and their control.
- List of spares for 10 X years.
- Programming / configuration software (if required) along with soft copy of the program should be provided.

2. CLIMATIC CONDITIONS:

- Temperature:
 - Winter = -3 to +20°C
 - Summer = 25 to 50°C
- Relative Humidity = 25 to 90%
- Earthquake Value = 7.5 on Richter scale

3. UTILITIES AVAILABLE AT SITE

- Electricity 400 ± 5% Volts, 50 Hz, Three Phase.
- Electricity 220 ± 5% Volts, 50 Hz, single Phase.
- Compressed air pressure = 4~5 bar

4. PRE-SHIPMENT INSPECTION & TRAINING

- Free of cost training to 04 x Engineers/Technicians of Weapons Factory in the field of operation, maintenance and inspection of the machine for atleast 05 x working days will be imparted at firm's premises by the supplier.
- Pre-shipment inspection for 02 x Officials for atleast 03 x working days of Weapons Factory in the field of operation, maintenance and inspection of the machine will be imparted at firm's premises by the supplier.
- Boarding/lodging and travelling of POF engineers/technicians will be the responsibility of the supplier.

SPECIFICATION

CNC EDM Die Sinking Machine

Core Requirement	
Work Table	Our work piece requirement is (400 X 300 X350) mm
X travel	
Y Travel	
Z Travel	
C axis(Rotational)	
Mechanical system	Ball Screw
Transmission	Servo motor
Surface Rouhgness	0.2 µm/Ra min
Job accuracy	0.001mm min
Positioning Resolution	0.05 minimum for all axis
Metal Removal Rate	400 mm ³ /min minimum
Material to be cut	Tool Steel, S.S, H.S.S.,M.S., Tungsten Carbide etc.
CNC system	Seimens, Fanuc
Electrode Weight	Depending upon our requirement and as per firm's design must be quoted
Work piece Weight	
Machining Current	
Dielectric tank capacity	
Dielectric Filter Method	
Cooling System	
Lubrication	
Display	

Optional Requirement

Linear rotary Tool Change	Optional Requirement
Cotour Machining	
Probe for measurement	
Multi flushing system	
Tool Position monitoring	

- Inspection facilities such as tools, test equipment / testing material, electrode, roughness measuring equipment etc. will be provided by the Suppliers in accordance with the relevant specification. Drawing will be provided by purchaser.
- Trial run of the machine will be carried out on at least 10 components for each load in continuous run.
- Where considered necessary by the purchaser, the stores may be obtained on warranty / Guarantee, subject to inspection on receipt. Rejected stores will be replaced with the acceptable stores by the Supplier at his own expense, within a specified time. The supplier will render warranty guarantee certificate.

5. TECHNICAL SUPPORT:

The supplier shall confirm that after handing over of the machine there shall be technical support at least for 15 years as & 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 production and operation of the machine.

6. TERMS OF DELIVERY

The goods will be delivered as per following terms:

- The delivery will be on C & F Islamabad basis and freight charges should be mentioned separately.
- Machine parts would be lettered in English and / or internationally recognized symbols.

7. INSTALLATION, COMMISSIONING AND TRIAL PRODUCTION RUN

- The machine shall be installed by the purchaser under the supervision of the supplier's engineers and technicians.
- The machine shall be commissioned and trial production of the machine shall be carried out by supplier's engineers. Purchaser shall provide required number of operators and technicians for the commissioning and trial production of the machine.
- Trial run of the machine will be carried out for at least 10 x acceptable jobs in continuous run.
- The oil and process lubricants in quantity sufficient to cater for the requirement for one year shall be supplied by the firm. First time of Oils/ Lubes etc will be made by the firm at our premises.

8. WARRANTY GUARANTEE

- 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 and accounted for on arrival at Consignee's ware-house in presence of supplier's rep (if desired by supplier) at their cost. The supplier shall render Warranty/ Guarantee certificate in duplicate to the Purchaser as soon as stores have been dispatched/delivered. This Warranty/ Guarantee shall be binding on the Supplier for a period of 24 months reckoning from the date of commissioning and successful trial run of the machine.
- 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 are found damaged during transit, the Supplier shall Immediately replace the rejected/damaged stores by acceptable stores, free of cost, and without any obligation to the Purchaser. Rejected/ damaged stores shall be disposed off by the Supplier under his own arrangements.
- The supplier shall warrant the good quality of all equipment supplied against all defects or failures due to faulty design, material, or workmanship.
- The supplier shall also provide Guarantee for meeting the requisite quality and quantity of products. In case of any deficiency in term of quality or quantity of products, all related expenditure to fulfill commitment shall be borne by the supplier.

9. PAYMENT TERMS

- Payment to the supplier will be made by means of an irrevocable letter of credit.
- However the payment terms will be **80%** on actual value against shipping documents and remaining **20%** amount to be released after satisfactory commissioning and trial of the unit.
- Firm is bound to provide 10% PBG as per POF Format within 45 days of opening of L.C in un-equivocal terms. Failing to do so will lead to imposition of penalty of maximum of 10% of contracted value.

10. COUNTRY OF REGION

European firm or any firm working under license of European country or equivalent.

TECHNICAL COMPARISON
(TO BE FILLED BY SUPPLIER)

SR. #	TENDER SPECIFICATIONS	OFFERED SPECIFICATIONS WITH REFERENCE TO PAGE NO. OF QUOTATION