

**GOVERNMENT OF PAKISTAN  
PAKISTAN ORDNANCE FACTORIES**

To, **TENDER ENQUIRY**

Dear Sir,

Ref"nce : **TENDER ENQUIRY NO. 4104-MPO-W-UP-GRAD-CNC-JIG&COORD  
Machines, Dt.04-07-2018**

You are requested to submit quotations for the item(s) noted in the Schedule to the Tender. Offer 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 10-08-2018 and must reach CR Section,POF Wah Cantt on or before 10:20 Hours upto 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-UP-GRAD-CNC-JIG&COORD Machines,  
Dt. 04-07-2018

Tender to be opened on: 10-08--2018

Address as follows:-

G.M.-PPC-WPNs

**CR Section, C-04 Building, POF WAH CANTT.**

- 1.3 If envelope does not indicate reference of T.E 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.R. station of Dispatch basis, i.e. delivered free on rail, inclusive of packing and forwarding charges. The stores will be booked under Military Credit Note, to be provided by the purchaser.

and/or

Free delivery at POF's Wah Cantt.

In this case Octroi duty will be payable by the supplier.

2.8 Taxes and Duties etc. where applicable, must be shown separately, quoting reference to Registration No. in cases of Sales Tax and relevant authority in the case of others. Offer without these clarifications and inclusive of Taxes and Duties may be ignored.

2.9 Taxes and duties levied on or after Tender opening date or on or after the date offer was signed and dispatched will be allowed to include in the offered rates.

2.10 "Suppliers will furnish a certificate, issued by Excise & Taxation Deptt, that he has cleared all Professional Tax payable by him" offers received without this certificate will be rejected.

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 forms or offer received is not 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, who will arrange it at his own cost. 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.

4. TENDER FEE

The tender must be accompanied by a non-refundable fee by means of a crossed postal order/pay order for Rs. 500/- in favor of Director Admin POFs Wah Cantt.

4.1 TENDER SAMPLE

Where required, offer must accompany tender sample, strictly according to the description and specification 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 sample thereof against previous T.E.

5. BID MONEY

5.1 Bid Money at the rate of 2% ( for registered firms) and 5%( for unregistered firms) of the quoted value should accompany the tender in the shape of Deposit At Call Receipt/Pay Order/ Banker's Cheque, from a scheduled Bank drawn in favour of

"GM-PPC-Wpns POF Wah Cantt."

Tenders received without Bid Money will be rejected.

5.2 Bid Money of the unsuccessful tenders will be returned as soon as the scrutiny of the tenders is completed. Bid Money of the successful tenders will be retained until the contract is finalized. Bid Money will be forfeited in case the quotation is withdrawn before the expiry of its validity date.

5.3 State owned organizations are not required to provide Bid Money.

6. ACCEPTANCE OF OFFERS

- 6.1.1 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.
- 6.1.2 Procuring agency shall incur no liability, solely by virtue of its invoking sub-rule (1.1) towards suppliers or contractors who have submitted bids or proposals.
- 6.1.3 Notice of the rejection of all bids or proposals shall be given promptly to all suppliers or contractors that submitted bids or proposals.

6.2 PERFORMANCE BOND

- (a) The successful bidders shall provide Performance bond at the rate, prescribed by POF Board according to the value of contract which shall not exceed 10% of contract value, in the form of a Deposit At Call Receipt from a scheduled Bank; or, an un-conditional Bank Guarantee valid for 12 months (03 months extendable to 12 months in case of cloth items required by Clothing Fy.) after receipt of store in POFs on a prescribed format. The Performance Bond will be in favour of C.M.A. POF Wah Cantt. It will be returned on satisfactory completion of the contract.
  - (b) If the Supplier fails to furnish the Performance Bond within the specified time, such failure will constitute a breach of the contract and the purchaser shall be entitled to make other arrangements for purchase of the stores at the risk and expense of the Supplier.
- 6.3 Performance Bond from State owned organizations may be waived off at the discretion of the Purchaser.

6.4 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 the particular stores 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.

6.5 PAYMENT

- a. Payment will be made by the C.M.A (POF) through crossed cheque on receipt/acceptance of stores on our prescribed bill form supported by receipt voucher on part/full supply basis.

- b. Payment of duties /Taxes including professional tax (where applicable) must be supported by proof of having paid these to concerned Govt. Taxation Deptt:

7. SECURITY OF INFORMATION

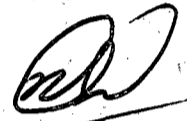
The tenderer and his employees must not communicate any information relating to the sale/purchase of stores under this enquiry to any person other than the manufacturer or to any press or agent not authorized in writing by POFs to receive it.

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 occasions, no further tender enquiry may be issued to them and their names would be liable to remove from the approved list.

Yours faithfully,



(NAEEM AHMED)

MANAGING DIRECTOR WPNs  
Tele No.051- 9314101-21/21046  
Fax No. 0519271400-0596-2995  
e-mail: mdwpn@pof.gov.pk

**PAKISTAN ORDNANCE FACTORIES**

SCHEDULE TO TENDER NO. **4104-MPO-W-UP-GRAD-CNC-JIG&COORD Machines,**  
**Dt. 04-07-2018, Due on: 10-08-2018**

(1) For Plant & Machinery:

(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	<b>RE-FURBISHMENT / ADDITION /UPGRADATION CNC JIG &amp; COORD MACHINES</b>	No.	02			

(2) **Specifications:-** As per attached 'Annex-A & B'

- (3) Special Conditions
- i) Rate and sales tax must be shown separately. Otherwise your quoted rates will be considered inclusive of GST at default.
  - ii) Offer without bid money and tender fee will be ignored.
  - iii) Date and stamp of the postal order must be visible & valid.
  - iv) PTC should be provided from Punjab Government a/w quotations.
  - v) Only one rate should be quoted against the tender schedule.
  - vi) Undertaking must be signed & accompanied a/w quotations.
  - vii) Annexure-C duly filled signed and stamped must be accompanied a/w quotation.
  - viii) Grand Total of offer must be mentioned in quotation.
  - ix) Status of firm with POF (Registered/un-registered) should be mentioned in your offer. Registered firms are required to provide copy of valid registration letter issued by SCM (Ex-P&S) Dept. (POF).
  - x)
    - a. Only registered suppliers (with Sales Tax & Income Tax Deptt.) who are on Active Taxpayers List (ATL) of FBR are eligible to supply good/services to Government departments.
    - b. The payment to the registered persons may be linked with the active taxpayer status of the suppliers as per FBR database. If any registered supplier is not in ATL his payment should be stopped till his mandatory returns and appears on ATL of FBR.
  - xi) Technical offer (Part-I) and commercial offer (Part-II) should be placed in separate sealed envelope and addressed to G.M.-PPC (Wpns.) POF Wah Cantt.

- xii) Bid Money at the rate of 2% ( for registered firms) and 5%( for unregistered firms) of the quoted value should accompany the tender in the shape of Deposit At Call Receipt/Pay Order/ Banker's Cheque, from a scheduled Bank drawn in favour of

**(4) Undertaking**

Should our offer be accepted, we hereby undertake to supply the store/render the services contracted on the basis of General Conditions of Contract embodied in Form POF 1281, 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 store/services elsewhere at our risk and cost.

Place	_____	Signature of the	_____
Date	_____	Tenderer	_____
_____	_____	Name	_____
_____	_____	Position	_____
_____	_____	Address	_____
		Income Tax G.I.R No.	_____

**SUPPLIER'S CAPABILITY**

1. NAME OF THE FIRM:

ADDRESS:

2.1- TELE:NO:

2.2- FAX NO:

2.3- E.MAIL ADDRESS:

2. WHETHER PUBLIC LTD, PRIVATE LTD, PARTNERSHIP OR SOLE PROPRIETORSHIP:

3. ESTABLISHED SINCE:

4. CAPACITY: (Manufacturer / Stockist/Agent to foreign Firm):

5. IF MANUFACTURER, PROVIDE FOLLOWING DETAILS:

5.1- RANGE OF PRODUCTS MANUFACTURED:

5.2- DETAIL OF PLANTS, MACHINERY AND MAJOR EQUIPMENTS: (Attach separate sheet if required):

6. INSPECTION/QUALITY ASSURANCE FACILITIES:

7. ISO-9000 CERTIFIED IF SO ATTACH NECESSARY DOCUMENTS

8. IF STOCKIST, PROVIDE FOLLOWING:-

11.1- DETAILS OF STOCKS HELD:-

11.2- APPROX. STOCK VALUE

11.3- LOCATION OF STOCKS:



**ORGANISATIONAL DETAILS.**

9. WHETHER THE FIRM IS REGISTERED WITH THE FOLLOWING DEPTTS.  
(Give registration No., Date **and** attach copies of the necessary documents).

\_\_\_\_\_

10.1 DP/ARMY OR ANY GOVT./SEMI GOVT. DEPTT: \_\_\_\_\_

10.2- IMPORT TRADE CONTROL DEPTT: \_\_\_\_\_

10.3- SALES TAX DEPTT: \_\_\_\_\_

\_\_\_\_\_

10.4- INCOME TAX DEPTT: \_\_\_\_\_

FINANCIAL STATUS: \_\_\_\_\_  
(Bank certificate to be attached)

Signature \_\_\_\_\_

Name:

\_\_\_\_\_

Stamp

Position:

\_\_\_\_\_

**UPGRADATION OF CNC MACHINES**

<b>Sr. No</b>	<b>Machine Description</b>	<b>Production item</b>	<b>No. of Machines</b>
1	<b><u>CNC Coordinate Measuring</u></b> Maker: M/s Carl Zeiss Germany Procured in 1988 and installed in TRW shop.	Measuring of all types of components, tools, gauges, dies.	01
2	<b><u>Jig Boring</u></b> Maker: M/s SIP Switzerland Procured in 1988 and installed in TRW shop.	All type of drilling and boring of different components.	01
<b>TOTAL MACHINES:</b>			<b>02</b>

**SPECIFICATION**

**1. DESCRIPTION**

Up-Gradation of 02 x NC/ CNC machines

**1. PURPOSE**

Up-Gradation of NC/CNC machines electrical / electronic panels complete control system with all accessories are essential to restore these machines from long breakdown. Their spares are not available in local market as well as in foreign market due to obsolete model.

**2. INPUT & SUPPORT MATERIALS**

Components of MG3, G3A3 & MP5 of different grade materials are manufactured & Process on these NC/CNC machines

4: **SCOPE OF HARDWARE PROCUREMENT****c. CNC COORDINATE MEASURING (UMC 850)**

1. Complete set of CNC control system Including PLC, HMI unit, I/O Module interfacing Hardware etc,	Must support at least <b>4-axis</b> w/LC <b>0.0001mm</b> accuracy
2. Servo Axis motor for X, Y & Z Axes <b>70W, 6.4A, 22V, 4800rpm</b> <b>Encoders:</b> <b>X-Axis 1200mm</b> <b>Y-Axis: 800mm</b> <b>Z-Axis: 600mm</b>	Servo Axis motor for X, Y & Z Axes <b>4800rpm</b>  <b>Graded glass Linear Scale measuring devices</b>
3. Probing system consists of 3 spring parallelogram	Deflection range $\pm 2.5\text{mm}$ , photo electric
3. General checking of M/c (Slides, Guides & complete mechanically overhauling	General checking of M/c (Slides, Guides & complete mechanically overhauling
<b>Remarks:</b>	Control system of reputable company & all motors with Same specification will be preferred

**d. JIG BORING**

<b>Description</b>	<b>Specification</b>
1. Complete set of CNC control system Including PLC, HMI unit, I/O Module interfacing Hardware etc,	Must support at least <b>3-axis</b> w/LC <b>0.0001mm</b> accuracy
2. Spindle motor	<b>4.48KW</b> , 2920rpm 17.9Amp, 300V
3. Servo Axis motor for X & Y Axes.	228Watt, (field 190 V, 0.32Amp), (armature 150V,2.7Amp, 4000 Rpm
4. Servo Axis motor for Z-Axis	0.55KW, 220/380V, 2.6/1.5Amp, 1420Rpm
5. Quick withdrawal motor for Z-Axis	0.09KW, 220/380V, 1.05/0.60Amp, 660Rpm
6. General checking of M/c (Slides, Guides & complete mechanically overhauling	General checking of M/c (Slides, Guides & complete mechanically overhauling
<b>Remarks:</b>	Control system of reputable company & all motors with Same specification will be preferred

5. **TERMS & CONDITIONS:**

a) **SPARES:**

i) It shall be guaranteed that spares shall be made available for at least 10 years and back up support after up-gradation and successful commissioning.

b) **Other conditions**

i. The upgraded machines shall be installed with necessary safety equipments.

ii. Minimum life is 10 years and with 01 x year warranty / guarantee.

iii. Master standard to be included in the offer

iv. Operation & Maintenance manual in English version will be provided

v. Installation and commissioning of the machines at POF would be the responsibility of supplier

vi. Free of cost training will be imparted at POF work premises by supplier

vii. Programming / configuration software along with soft copy of the program should be provided.

viii. The up-graded machine should maintain the existing features including resolution and accuracy as of the original system.

x. The geometry check of machine must be carried out before & after retrofitting / overhauling.

xi. Status of encoders should be mentioned either will be provided built-in the motors or separately.

xii. Payment will be made after completion of pilot of at least 1000 components.

c) **UTILITIES:**

Under mentioned utilities are available at site.

i) Electricity 400 volt  $\pm$  05 % , 50 Hz, Three phase

ii) Electricity 220 to 230 volt, 50 Hz, Single Phase

iii) Compressed air pressure (90 Psi)

iv) Temperature (-5 - 50C)

v) R.H 40 - 50%