



POF 1262

(FOREIGN SUPPLIES)

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

To,

M/s _____

Dear Sirs,

Reference: **TENDER ENQUIRY NO. 5167-81-FP-CAPT-SJL DATED : 08-01-2021**

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 **1200 Hours** on **11-02-2021** at Room No. 01, Bid Center near Rabta Hall POF Wah Cantt and must reach this office on or before **1200 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:

5167-81-FP-CAPT-SJL

Tender to be opened on:

11-02-2021

Address as follows:-

**ROOM NO. 01, BID CENTER NEAR RABTA HALL
POF WAH CANTT**

1.3 If envelope does not indicate reference of TE 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 bidders 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 proforma 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 TE form or offer received is not in conformity with the requirement of the TE, 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.

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 TE.

4. **ACCEPTANCE 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 sub-rule (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 favor 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 proforma 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 **PAYMENT**

All Bank charges incurred in Pakistan in connection with the establishment of LC will be borne by the Purchaser, whereas all Bank charges incurred in connection with drawing of payment including charges for confirmation of LC 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 Sales/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/stamped by the specified date, alongwith the specifications drawings etc. if any, enclosed herewith - even if you are unable to quote.

6. **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.

(Riaz Ul Haque)
Managing Director
For Pakistan Ordnance Factories

Tele:
E-mail: mdsjl@pof.gov.pk

Fax:
Cable:

Sr. No.	Description Of Store	A/U	Qty	Price Per Unit	Delivery Date/Period
1.	Bar Feed 2-axis Single Spindle Automatic Lathe Machine. (as per specification attached as Annex-A)	Off	02		

SPECIAL TERMS & CONDITIONS:

For Foreign Suppliers Only

- a. Payment would be released as per following:
 - i. **70% payment** will be released on submission of shipping documents.
 - ii. **30% payment** will be released after successful installation and commissioning and trial run at POF Sanjwal.
- b. All Chinese and Hong Kong firms are required to quote prices in Chinese Yuan

For Indigenous Suppliers Only:

- a. Any eligible indigenous bidder can offer on FOR basis.
- b. Tender Fee: tender must be accompanied by a non refundable fee by means of cross Pay order of Rs. 500/- in favor of MD POF Sanjwal.
- c. Bid Money: Bid Money @ of 2% for registered firms and 5% for unregistered firms of the quoted value in the form of CDR in favor of GM PPC POF Sanjwal.
- d. Tender received without tender fee and bid money shall be rejected.
- e. Only registered supplier with sales tax and income tax departments who are on active tax payers list (ATL) of FBR are eligible to participate in the bid.
- f. Photocopy of NTN & PTC certificates duly attested by Gazetted class-1 Officer must be attached with the bid.
- g. Rates & Taxes must be shown separately otherwise rate will be considered inclusive of taxes.
- h. Indigenous suppliers are required to court their prices in PKR. 100% Payment will be made after acceptance of store at POF Sanjwal.
- i. In case pre-shipment Inspection is required to be carried out, Supplier will be bound to bear the charges incurred in Air Traveling to and fro, Boarding/Lodging, Inland Transport charges, General Medical of visiting team.

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-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 stores/services elsewhere at our risk and cost.

Place _____
 Date _____
 Stamp _____

Signature of the Tenderer _____
 Name _____
 Position _____
 Address _____

Technical Specifications Of Bar Feed 2-Axis Single Spindle Automatic Lathe Machine

1. **Nomenclature:**

Bar Feed 2-Axis Single Spindle Automatic Lathe Machine, Bar Capacity. 20mm
duly tooled up for Body Primer M-82 and Tube

2. **Quantity.** 02 off

3. **Technical Requirements:**

a. The machines will be tooled up for the manufacturing of different components of Primer M82 for 155mm BB and other Primer / Fuze components.

S. No	Components to be manufactured		Output of the machine
	Drawing No.	Nomenclature	
i.	PDO/H/COM-981	Tube (To be manufactured from Brass Bar/Rod)	20000 Nos. to be produced in single shift of 2000 working Hrs
ii.	PDO/H/COM-983	Body Primer M-82 (To be manufactured from Brass blank)	20000 Nos. to be produced in single shift of 2000 working Hrs
iii.	PDO/H/COM-980	Striker (To be manufactured from Aluminium Bar/Rod)	20000 Nos. to be produced in single shift of 2000 working Hrs
iv.	PDO/H/COM-982	Igniter Element (To be manufactured from Brass Bar/Rod)	20000 Nos. to be produced in single shift of 2000 working Hrs
v.	PDO/H/COM-985	Delay Element Housing (To be manufactured from Brass Bar/Rod)	20000 Nos. to be produced in single shift of 2000 working Hrs

b. The machines are required to be tooled up on Body Primer M-82 and Tube as per Drawing No. PDO/H/COM-983 & PDO/H/COM-981. Drawings may be provided on demand. However; flexibility must be available /ensured to tool up the machines on all above mentioned components.

4. **Machines Features:**

a. **Specification of Machine:**

Feature(s)	Unit	Parameters
• Bar Feed – Capacity	mm	20
• Max length of Feed	mm	80
• Main Drive	mm	4-Speed
• Max. Dia of thread in Brass (Without Using Threading Attachment)	mm	18
• Production per shift (8 Hrs)	Nos.	200 minimum
• Min Cycle with Reversal	Sec	Standard (6)

Feature(s)	Unit	Parameters
• Time Required for Feeding Cycle with 120 rpm Drive Shaft Speed	Sec	0.5 Max
• Max Travel of Cross Slide	mm	45
• accuracy of cross slide & feed	mm	0.01~0.02

b. **Spindle:**

Feature(s)	Unit	Parameters
• Spindle accuracy	mm	0.01
• 8 turning Speeds ranging from	rpm	500 to 3500
• 48 Threading Speeds ranging from	rpm	65 to 2000
• Ratio of Turning to Threading Speeds	-	1.2:1 to 15.3:1
• Main Drive Motor	KW	7.5 (10 H.P)
• Speed of Drive Shaft	rpm	Standard (120)

c. Machine Accuracies

Following standards of latest issue, enforce at the time of placing order, shall govern various aspects of the work.		
i. Positional Accuracies	Std	VDI-DGQ 3441
• Positional uncertainty P, (X & Z axis)	mm	X-axis- 0.005 or better Z-axis- 0.006 or better
• Positional scatter (Ps)	mm	X-axis- 0.002 or better Z-axis- 0.003 or better
• Reversal Error	mm	0.002 or better
ii. Geometrical Accuracies:	std	ISO 230-1-2015
• Parallelism of spindle axis with carriage/guide ways	mm	0.005/200 or better
• Straightness of X& Z axis	mm	Details needed
• Squareness between X & Z axis	mm	Details needed
• Test chart of accuracy, geometrical accuracies for quoted /similar machine to be enclosed along with technical quotation	-	Please submit
• Accuracy of angular movement	sec	25 arc sec as per standard ISO 230-2-2014

d. Turret:

• Dia of Turret	mm	Standard
• No. of Tool Holes	-	6 Min
• Dia of Tool Holes	mm	Standard
• Indexing Time	Sec	0.5
• Adjustment, Screw Feed	mm	Standard (25mm Approx)

e. A

• <u>t</u> Threading	-	Standard
• <u>t</u> Slotting	-	Standard

achments:

f. Feeds and Threads:

Metric pitches from 0.5~2 mm

g. Coolant system:

Coolant nozzle system be incorporated for effective machinability and enhanced tool life.

h. Lubrication System:

Automatic Lubrication System is required for the machine.

i. Clamping System – Standard Equipment:

• Collets & Feed Fingers	mm	7,9,10,11,14,17
• Holders & related equipments	-	Different Types

j. Frame:

Horizontal

k. Color:

- Color of the machine should be Green RAL6011.
- Any additional features may also be included in the offer.

5. Spares:

- a. Two years essential maintenance and operational spares shall be required. Detailed item wise list would be provided.
- b. Backup support for provisioning of spares for 15 x years.

6. Site Conditions & Available Services:

- a. Electricity 400 Volts, 50 Hz, Three Phases. } $\pm 5\%$ in normal conditions.
- b. Electricity 220 Volts, 50 Hz, Single Phase. } $\pm 10\%$ in contingency conditions
- c. Steam 05 Bar
- d. Compressed air pressure 6 bar (Max)
- e. Relative Humidity : 25 to 90%
- f. Earthquake Value : 6.0 on Richter Scale
- g. Temperature
 - Winter : -5 to +25°C
 - Summer : +25 to 55°C

7. Applicable Standards:

- For Machine accuracies, latest issued standards are enforced at the time of placing order, shall govern various aspects of the work, as mentioned at Para 4(c).
- Facilities for inspection such as tools, test equipment, instruments etc would be provided by the suppliers in accordance with the relevant specifications.

8. Accessories:

- a. Coolant attachment with pump and feed line to the tool holders.
- b. Flush cycle for chip and swarf removal from clamping fixture and machine beds
- c. Automatic centralized lubrication system.
- d. Full door with sliding door interlock and large safety glass windows with optimum accessibility for operator and maintenance staff low wear laminated glass should be provided as safety glass panels.
- e. Machine lights minimum 02 numbers.
- f. Voltage stabilizer and isolation transformer suitable for machine.
- g. System should be safe to handle spike and surge. (Transient)
- h. Programme list of instructions.
- i. Diagnostic of Input & Output elements.
- j. Maintenance instructions with diagnostic detail/ diagram and alarm history.
- k. All Installation drawings giving all information required for various power sources including total power consumption.
- l. The machine should have environmentally friendly systems.
- m. The supplier will provide complete tool kit for electrical, Instrument & mechanical maintenance of machines.

- n. If machine requires a separate foundation, then a detail foundation plan and design will be provided by supplier.

9. Hydraulic & Pneumatic System

Details of hydraulics & Pneumatic system, by addressing under mentioned parameters, are required;

- | | |
|--|----------------------------------|
| a. <u>Hydraulic pump:</u> | Type & Capacity features |
| b. <u>Coolant pump:</u> | Type , Capacity & other features |
| c. <u>Lubrication unit:</u> | Type, Capacity & other features |
| d. <u>Hydraulic & Pneumatic valves:</u> | Type & its Features |
| e. <u>Clamping cylinder for spindle & tailstock:</u> | Type & its Features |
| f. <u>Pressure switches:</u> | Type & its Features |
| g. <u>Hydraulic pipes for tailstock and steady:</u> | Type |

10. Tooling:

- a. The Machines should be supplied duly tooled up for components as per drawings mentioned at para 3 attached.
- b. Flexibility is required to tool up machine for other components.
- c. Tooling/equipment sufficient for two years production (4000 working hrs) must be supplied by the supplier. Detailed item wise list would be provided.
- d. Complete set of measuring instruments & tool kit be provided along with each machine. That must include set of internal & external micrometres (metric), set of Vernier callipers, dial indicators along with magnetic stands (0.001mm) etc.
- e. Quick change over of tooling is to be ensured.

11. Spares:

- 02 x years essential maintenance and operational spares shall be required. Detailed item wise list would be provided.
- Backup support for provisioning of spares for 15 x years.

12. Documentations:

Literature must be in English language inclusive but not limited to:

- a. 04 x sets of operating manuals.
- b. 04 x sets maintenance manuals.
- c. Details of electric schematics.
- d. Brochures of the offered model.
- e. All installation drawings having information are required for various power sources including total power consumption.

13. First Filling of Lubrication

The oil and process lubricants required 1st time to run the machines for one year shall be supplied by the supplier with no additional cost.

14. Safety

- a. All Machines should be equipped / provided with all safety gadgets / accessories.
- b. Noise level must be less than 85 db, for each machine.
- c. The equipment should be earthed.

15. Training:

- a. The supplier will provide training to POF personnel at no additional cost to the extent of 03 x men for 02 x weeks for Bar Feed 2-Axis Single Spindle Automatic Lathe machines in the field of machine setting, checking & maintenance of all parameters related to software, operating of machine, maintenance of mechanical, electrical and electronics parts related to machine at supplier's premises.
- b. Training expenses of POFs personnel at supplier's premises including boarding, lodging & return Air Tickets will be borne by the Supplier.
- c. During training, the supplier's engineers shall train the concerned Production, Maintenance and Instruments personnel for satisfactory & safe use of machines.

16. Pre-Shipment Inspection:

- a. Supply of machines shall be subject to Pre-Shipment Inspection (PSI) and acceptance by the designated team comprising of 02 x officers for 01 week.
- b. The machines will be inspected as per standard mentioned in Para-4(c). However, Inspection facilities such as tools, test equipment, instruments etc would be provided by the Supplier in accordance with the relevant standards / specifications.
- c. The supplier shall provide assembly protocol during PSI including assembly of Control Panel, Hydraulic System and electrical components and spare parts list.
- d. All expenditure including boarding, lodging & return air tickets for PSI & training of officials would be borne by the supplier.
- e. The machine should clear the capacity test for the manufacturing of components as per drawing no. PDO/H/COM-981 & PDO/H/COM-983 @ 200 x Components each (min) in single shift of 08 working hrs on each machine.
- f. Qty. 50 x Nos of each components are required to be produced on the machines. All the components must qualify the requirement of relevant drawings and gauges.
- g. The demo components produced from the input material provided by the supplier must clear the following parameters:
 - i. Visual Inspection: Components produced would have no dents, cuts, lines & chattering on surface.
 - ii. Dimensional Inspection: Components would have to qualify all gauges as per relevant gauges/ drawings.
 - iii. Critical inspection: Any 2x component at random would be selected for critical inspection to ensure the dimensions as per relevant drawing.
- h. For PSI, input material (Brass Blanks) for Body as per drawing No. PDO/H/COM-984 will be arranged by the supplier while for Tube, brass rod of dia.11mm of any convenient length will be made available by the supplier with no additional cost.
- i. The machines will be despatched only after the supplier's receives the pre-shipment trials acceptance certificate issued by the purchaser.
- j. Rejected machine/machines will be removed and replaced with the acceptable ones by the Supplier at his own expense, within a specified time.
- k. The supplier will render warranty / guarantee certificate as per Annex B.

17. Installation, Commissioning and Trial Production Run:

- a. The Bar Feed 2-Axis Single Spindle Automatic lathe machines shall be commissioned and trial production of the machines shall be carried out by the supplier's engineers as per Para 3. However, purchaser shall provide required number of operators and technicians for the commissioning and trial production of the machines.
- b. The supplier is to indicate the total man-weeks of his engineers / technicians required for installation, commissioning and trial production of the machines. Terms and conditions are to be stated clearly.

- c. All expenses, including boarding & lodging, air travel and daily allowances of the Engineers / Technicians are to be borne by the Supplier. Local transportation shall be arranged by the purchaser. The supplier is to indicate the time schedule for the completion of whole project.

18. Acceptance Test (FAT):

- a. Final acceptance test will be performed at purchaser premises. This test will be carried out with the technical assistance of the supplier and will comprise successful production of acceptable quality of components mentioned at Para 3 as per drawings and gauges.
- b. Each machine will be trialed run for 2 x weeks. The input materials will be supplied by the Purchaser. The demo components produced from the input material provided by the supplier must clear the following parameters:
- i. Visual Inspection: Components produced would have no dents, cuts, lines & chattering on surface.
 - ii. Dimensional Inspection: Components would have to qualify all gauges as per relevant gauges/ drawings attached.
 - iii. Critical inspection: Any 2x component at random would be selected for critical inspection to ensure the dimensions as per relevant drawings.
- c. Qty. 2400 x components as per following detail will be manufactured on each machine @ 200 components (min) in single shift.

Sr. #	Drawing No	Components to be manufactured
i.	PDO/H/COM-981	Tube (from Brass Bar/Rod dia. 11mm)
ii.	PDO/H/COM-983	Body Primer M-82 (from Brass blank as per drawing)

- d. Each machine should clear the capacity test for the manufacturing of components as per drawings no. PDO/H/COM-981 & PDO/H/COM-983 @ 200 Components each in single shift of 08 working hrs on each machine.
- e. The spares and process lubricants consumed during trial run will be borne by the supplier. Delay penalty will also be imposed @ 2% per month of contracted value for the delayed period of achievement of production run of the machines beyond the schedule date of final acceptance and will be deducted from balance 30% payment connected with production run.
- f. In case the machine could not be commissioned by the OEM, the same will be commissioned by utilizing local available expertise at the risk and cost of the OEM. And production loss would also be claimed.

19. Payment Terms & Conditions:

- a. Payment will normally be made by means of irrevocable letter of credit. Unless otherwise stated **70% payment** may be released on submission of dispatch documents to Bank along with pre-shipment inspection acceptance certificate by the purchaser.
- b. Remaining **30% payment** will be released after installation, commissioning and satisfactory completion of trial run of the machine at purchaser premises against the final acceptance test certificate issued by the purchaser.
- c. All Bank charges incurred in Pakistan in connection with the establishment of LC 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.
- d. The right to accept or reject any offer in full or in part is hereby reserved.

20. Delivery Schedule:

The Bar feed Lathe machines will be delivered as per following terms:

- a. The delivery will be on C & F Karachi basis. Freight may be indicated.
- b. Sea Worthy packing.
- c. Marking and stenciling as per contractual terms and conditions.
- d. Machine parts would be lettered in English and / or internationally recognized symbols.
- e. Machine is required to be made ready for PSI within 03 to 05 months after confirmation of Contract order.
- f. Dispatch of machine must be ensured within 01 x month after successful completion of PSI and Training.

21. Warranty Guarantee:

- a. 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 the presence of supplier's rep (if desired by supplier) at their cost.
- b. The supplier shall render Warranty / Guarantee certificate in duplicate to the Purchaser on the enclosed Proforma attached as Annex B as soon as stores have been dispatched /delivered. This Warranty / Guarantee shall be binding on the Supplier for a period of 12 x months reckoning from the date of commissioning of the machines.
- c. 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.
- d. The supplier shall warranty the good quality of all equipment supplied against all defects or failures due to faulty design, material, or workmanship.
- e. 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.

22. Performance Bond:

- a. The successful bidder will provide Performance Bond at the rate of 10% of FOB value of the contract in favour of CMA (Store) POF Wah Cantt. The Performance Bond will be furnished in the form of Deposit at Call Receipt from any scheduled bank in Pakistan.
- b. The Performance Bond shall be furnished within 45 days from the date of opening of letter of Credit. It shall be valid for period of 24 months after the date of expiry of letter of Credit.
- c. If the Performance Bond is not furnished within the above mentioned prescribed time; the Purchaser reserves the right to cancel the contract and has the right to take risk purchase action.

WARRANTY/GUARANTEE CERTIFICATE

Firm’s Name:

1. We hereby guarantee that the store/goods supplied against the 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, and that we shall replace free of cost, every article or part thereof which before use or in use, shall be found defective, 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 the defective stores free of cost within the period specified by the purchaser, we will refund the relevant cost.
3. The Warranty/Guarantee will remain valid for 12 months from the date of satisfactory completion of Trial Run.

Signature: _____

Name: _____

Status in firm: _____

Dated: _____

Capital Purchase

Special Points To be Considered While Preparing Commercial Bid

Commercial offers in the line with the following clarification would be considered acceptable otherwise the same will stand rejected.

- a. FOR/FOB & C&F Cost of Machine alongwith accessories etc.
- b. List & Cost of Tooling.
- c. List & Cost of Spare Parts for two years.
- d. Cost of Training & installation / Commissioning charges.
- e. Acceptance of travelling expenditure of PSI team including boarding / lodging, air ticket, inland traveling charges.
- f. Confirmation regarding terms of payment 70% against shipping documents & 30% after installation & successful commissioning at POF Sanjwal.
- g. Confirmation regarding obtaining of export permit.
- h. Confirmation regarding submission of 10% Performance Bond.