



POF 1262
(FOREIGN SUPPLIES)

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

To,

M/s _____

Dear Sirs,

Reference: **TENDER ENQUIRY NO. 5167-97-FP-CAPT-SJL DATED:08-11-2021**

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 **16-12-2021** at Room No. 01, Bid Center near Rabta Hall POF Wah Cantt and must reach this office on or before **1130 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:

5167-97-FP-CAPT-SJL

Tender to be opened on:

16-12-2021

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, along with 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.

(Muhammad Pervaiz)
Managing Director
For Pakistan Ordnance Factories

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

Fax:
Cable:

SCHEDULE TO TENDER ENQUIRY NO. 5167-97-FP-CAPT-SJL Dt. 08-11-2021
TO BE OPENED ON 16-12-2021

Description Of Store	<u>A/U</u>	<u>Qty</u>	<u>Price Per Unit</u>	<u>Delivery Date/Period</u>
Electrophoretic Painting Plant for the Painting of Surface Treated Cartridge Case of 12.7mm Ammo as per attached drawing No. PDO-H-SK-COM-125	<u>No</u>	<u>01</u>	<u>:</u>	<u>-</u>

SPECIAL TERMS & CONDITIONS:

For Foreign Suppliers Only

Payment would be released as per following:

- 50% payment** will be released on submission of shipping documents and PSI certificate from Purchaser.
- 20% payment** will be released on receipt and acceptance of store at POF Sanjwal.
- 30% payment** after installation, commissioning and satisfactory completion of functional trial run at POF Sanjwal.
- All Chinese and Hong Kong firms are required to quote prices in Chinese Yuan.
- In case of non conduction of PSI, 100% payment will be made after satisfactory completion of functional trial run at POF Sanjwal.
- Firms are required to quote PSI & Training charges separately.

For Indigenous Suppliers Only:

- Any eligible indigenous bidder can offer on FOR basis.
- 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.
- 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.
- Tender received without tender fee and bid money shall be rejected.
- 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.
- Photocopy of NTN & PTC certificates duly attested by Gazetted class-1 Officer must be attached with the bid.
- Rates & Taxes must be shown separately otherwise rate will be considered inclusive of taxes.
- Indigenous suppliers are required to quote prices in PKR. 100% Payment will be made after acceptance of store at POF Sanjwal.**
- 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 _____
Address _____

Signature of the Tenderer _____
Name _____
Position _____

SPECIFICATIONS OF REQUIRED PLANT

1. Designation:

Electrophoretic Painting Plant for the painting of steel cartridge case of 12.7mm Ammo as per attached drawing no PDO/H/SK/COM-125.

2. Technical Data of Paint Composition:

To be mentioned by OEM. Painted component should qualify the following tests as per Spec Q/QD 69-72 (attached as Annex C) and additional if proposed by manufacturer / Supplier.

- i. Film completeness test
- ii. Corrosion test
- iii. Adhesivity test
- iv. Adhesion test

Complete procedure of preparation of composition must be elaborated and Suitable devices should also be provided. Composition should meet the Chinese standards used for 12.7mm Ammo.

3. Major Technical Data of the Plant:

- i. Paint preparation: Automatic loader, mixer & Weight, Level & Temperature measuring and Controlling devices
- ii. Tank Capacity: OEM Should mention the Capacity & Additional tanks for maintaining the level automatically through PLC control system
- iii. Automatic Filter Unit Along with Evacuation Pump of Liquid Paint
- iv. Filtration Rate: OEM should mention Filtration Rate.
- v. Automatic Ultra Filter Unit: For recovery of paint after usage.
- vi. Distilled Water Unit along storage tank capacity should be available. OEM should mention all necessary parameters of the Unit
- vii. Suitable Power supply Control Unit with PLC to monitor all functions of the Plant including electric Power Backing Unit
- viii. Automatic Paint Fume Extraction system.
- ix. Suitable System for automatic loading and un-loading of Steel Case components with Hopper or any suitable system
- x. Cooling of painted components after baking the components.

- 4. Practical output:** 5.0Mn / Year (2000 working Hrs)
08 hrs single shift basis
20000 components / 08 hrs shift

- 5. OEE:** 85%

6. Safety:

- i. Plant should be equipped / provided with all safety gadgets/accessories according to latest international safety standards.
- ii. Noise level: less than 85 db or as per international standards, for the plant.
- iii. The Plant should be cost effective and environmental friendly as per international standards.
- iv. System should be safe to handle spikes and surges.(Transient)
- v. A/Cs should be installed in panel/system (where necessary).

- vi. Protections: The equipment should have line protection circuit breakers with thermally delayed overload release and or electro-magnetic quick acting release, as required. It should be followed by cut-out and safety fuses to provide optimum selectivity, if necessary. All motors should be appropriately protected.
- vii. Earthing: The equipment should be earthed.
- viii. Protection Clause: IP-54
- ix. Insulation: The requirement is for Class-B.
- x. Accuracy: The industrial electrical measuring instruments, wherever used should have an accuracy of Class 1 or better.
- xi. All safeties against electrical hazard, operator and setter safeties. Arrangement of setting / re-setting the Painting Plant in case of any abnormality / accident during the operation.

7. Input & Support material

- i. Surface treated component ready for painting (as per attached drawings) having quantity mutually agreed between both parties for the use of Training and PSI at supplier's premises will be provided by the purchaser.
- ii. Provision of Chemicals being used at supplier's premises during Training and PSI is the responsibility of Supplier.

8. Spares

- i. Two years essential maintenance and operation spares shall be required.
- ii. Process Chemicals for 01 x year production (2000 working hrs) should be the part of supply.
- iii. It shall be guaranteed that spares shall be available for at least 15 years after plants are handed over and successfully commissioned.

9. Climatic Conditions

- i. Temperature:

<i>Winter</i>	=	- 3 to + 20 ^o C
<i>Summer</i>	=	30 to 50 ^o C
- ii. Relative Humidity = 25 to 90%
- iii. Earthquake Value = 7.5 on Richter scale

10. Utilities Available at Site

- i. Electricity 400 Volts, 50 Hz, Three Phase.] ± 10% in contingency conditions
- ii. Electricity 220 Volts, 50 Hz, single Phase.] -----do-----
(Variation may go up to 10% in contingency)
- iii. Steam 05 bar
- iv. Compressed air pressure = 6 bar (Max)
- v. Natural gas - Available

11. Pre-Shipment Inspection & Training

- i. Supply will be subject to the Pre Shipment Inspection (PSI) and acceptance by the competent Inspection authority nominated by the Purchaser. Training expenses of POFs personnel, 08 x men for 02 x weeks in the field of operation, maintenance and inspection of the Painting Plant at Supplier's premises and other relevant production facilities as well. Expenditure including boarding, lodging, return Air Tickets will be borne by the supplier. Inspection facilities such as tools, test equipment, instruments etc. will be provided by the Suppliers in accordance with the relevant specifications.

- ii. The supplier shall inform the purchaser when the Plant is ready for dispatch. The Plant will be subjected to pre delivery inspection and trials at supplier's premises in the presence of rep(s) of purchaser. The Plant must clear the capacity and quality test of the components for the consistent production as mentioned below within the specified time (08 hours single shift basis):

Painting of Steel Cartridge Case as per Drawing No. PDO/H/COM-125:
20000 compts / day for 03 days (08hrs single shift basis)

- iii. The Painted components produced from the input material i.e. Steel Case ready for Painting supplied by the purchaser must clear the inspection and gauging and proofing requirement as per relevant specifications.
- iv. The Painting Plant will be dispatched only after the supplier's receives the Pre-Delivery Trials acceptance certificate issued by the purchaser certifying that the Plant has qualified the capacity & quality test and components produced have cleared all relevant gauging and visual requirements.
- v. PSI team of Purchaser's Engineers comprises 04 x men for 02 x week. All expenses at Supplier's premises will be borne by the Supplier. Expenditures including boarding, lodging, return Air Tickets etc. Inspection facilities such as tools, test equipment, instruments etc. will be provided by the Suppliers in accordance with the relevant specifications.
- vi. Purchaser Should Provide the Gauges for pre-Shipment Inspection at Supplier's premises.
- vii. During stay on site at purchaser's works, supplier's engineers shall train the concerned production, maintenance, instruments and Inspection personnel for satisfactory and safe use of Painting Plant.

12. Technical Support:

The supplier shall confirm that after handing over of the Painting Plant there shall be technical support at least 15 years 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 operation of the Painting Plant.

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

- i. 04 x sets of operating manuals
- ii. 04 x sets maintenance manuals
- iii. Details of electric schematics
- iv. PCBs
- v. Brochures of the offered model

14. Terms of Delivery:

The Plant will be delivered as per following terms:

- i. The delivery will be on FOB/C&F Karachi Port basis. In case of C&F, Freight should be mentioned separately.
- ii. Partial shipment within the delivery period will be permitted.
- iii. Machine parts would be lettered in English and / or internationally recognized symbols.

15. Installation, Commissioning and Trial Production run:

- i. Supplier shall be responsible to provide the detail of space requirement, foundation drawings and layout within 01 x month after the finalization of the contract.
- ii. Lifting Arrangement: Plant should be equipped with suitable lifting arrangements for installation and commissioning.
- iii. The Plant shall be installed by the supplier/OEM under the supervision of their engineers and technicians.
- iv. The Painting Plant will be commissioned and trial production of the plant 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 Painting Plant.
- v. The supplier is to indicate the total man-weeks of his engineers / technicians required for installation, commissioning and trial production of the Painting Plant. Terms and conditions are to be stated clearly. All expenses, including boarding & lodging and air travel of the engineers / technicians are to be borne by the supplier. Local transportation and on site refreshment shall be arranged by the purchaser.
- vi. The supplier is to indicate the time schedule for the completion of whole project.
- vii. The oil and process lubricants required 1st time for the plant for one year shall be supplied by the supplier.
- viii. Supplier shall be responsible to provide the foundation drawings within one month after the finalization of the contract.

16. Final Acceptance:

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 Electrophoretic Painting operation of 12.7 x 108mm Steel Case at the quoted capacity as mentioned below within the specified time (08hrs single shift basis).

Painting of Steel Cartridge Case as per Drawing No. PDO/H/COM-125: 20000 compts / day for 05 days (08hrs single shift basis)

If the specified trial production of the Plant is not achieved within stipulated period after the effective date of contract, the supplier experts will stay at supplier cost till the production has been achieved provided such delays are attributable to supplier.

In addition to delay in delivery, delay plenty will also be imposed @ 1 % per month of contracted value for the delayed period of achievement of production run of the plant beyond the schedule date of final acceptance and will be deducted from balance payment connected with production run.

17. Warranty / Guarantee

- i. The supplier shall render Warranty / Guarantee certificate in duplicate to the Purchaser on the enclosed Proformae attached as annexure A as soon as Painting Plant 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 and successful trial run of the plant.
- ii. In case the Plant 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 Plant by new acceptable Plant, free of cost, and without any

obligation to the Purchaser. Rejected / damaged Plant shall be disposed off by the Supplier under his own arrangements.

- iii. The supplier shall warrant the good quality of all equipment supplied against all defects or failures due to faulty design, material, or workmanship.
- iv. 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.
- v. In case of C&F offer, the supplier will be responsible for insurance of the consignment up to purchasers warehouse.

WARRANTY/GUARANTEE CERTIFICATE

Firm's Name: -----

- a. 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.

- b. 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.

- c. 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 Plant along with accessories etc.
- b. List & Cost of Spare Parts for two years.
- c. Cost of Training / PSI & installation / Commissioning charges.
- d. Acceptance of travelling expenditure of PSI team including boarding / lodging, air ticket, inland traveling charges during visit abroad.
- e. Confirmation regarding obtaining of export permit.
- f. Confirmation regarding submission of 10% Performance Bond.