



**Government of Pakistan  
PAKISTAN ORDNANCE FACTORIES  
TENDER ENQUIRY**

Dear Sir,

Reference: Tender Enquiry **459-LP-Capt-DS-Elect** dated: **01-03-2018**

POF (Services Group) intends to procure **"IP Cameras for Water Supply."**  
as per PPRA Rule 36 (C) i.e **"Two Stage Bidding Procedure"**

You are requested to submit sealed 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 instruction for filling the tender.

**1. SUBMISSION OF TECHNICAL OFFER**

1.1 Tender will be opened at **1230** hours on **19-4-2018** and must reach this office 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 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. **459-LP-Capt-DS-Elect**

Offer to be opened on **19-04-2018**

Address as follows: **Director Services, POF Wah Cantt**

1.3 If envelope do 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 at para 1 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 You are required to quote according to PPRA rule 36(C) as follows:-

a) **First Stage** submit only **Technical Proposal without price** according to the specifications attached as Annexure-A. **"Technical Offer"** should exclusively give technical details and literatures/brochures of the offered plant, machinery and equipment; validity date; delivery schedule; signed undertaking given on the schedule to this Tender Enquiry. It must not indicate price, costs etc.

b) **Second Stage** after evaluation, the bidders whose technical proposal is accepted will further be invited to submit the financial proposal at later stage. For this purpose, separate time will be given to all technically qualified bidders. **"Commercial Offer"** should indicate the commercial terms e.g. price, Bill of Material (BOM), item wise breakdown of prices, terms of payment, mode of payment, mode of supply, validity date.

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 **120 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 stores at Wah Cantt. In this case Octori duty will be payable by the supplier.
- 2.7 Taxes and duties etc. where applicable, must be shown separately, quoting references to Registration No. in cases of Sales Tax and relevant authority, in case of others. Offers without these clarifications and inclusive of Taxes and duties, may be ignored.
- 2.8 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.
- 2.9 "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.
- 2.10 If the requisite information is not furnished on the T.E forms or offer received is not in conformity with the requirement of T.E such offer shall be ignored.
- 2.11 Supplier 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 equipments, 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 off **Rs. 500** in favor of **Director Services, POFs Wah Cantt.**

4.1 **Tender Sample:**

Where required, offer must a company 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 there pf 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 favor of **DIRECTOR SERVICES, 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 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 of all bids or proposal, but is not required justify those grounds.

6.2 Procuring agency shall incur no liability, solely by virtue of its invoking sub-rule (1.1) towards suppliers or contractors who have submitted or proposals.

6.3 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 be 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 month 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 favor of **CMA - 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 CMA- POF Wah Cantt 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, alongwith 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.

- Note:-**
- i) Offer must be according to clause 2.2 (Technical & Commercial separately)
  - ii) Validity of offer must be counted from the date of commercial opening.

Yours faithfully,

Director Services

Tele (051) 9055(21090/21099)

Fax (051) 9271400 & 9314100

**PAKISTAN ORDNANCE FACTORIES**

Schedule to Tender Enquiry NO. **459-LP-Capt-DS-Elect**, dated **-02-2018**.

To be opened on **-03-2018**

(1) FOR MATERIALS

1	2	3	4	5		6
Item No.	Description	Unit	Qty	Price per unit FOR or free delivery		Delivery date
				Price in figure	Price in words	
i)	<b>IP Cameras for Water Supply</b> Along With Standard Accessories (as per detail given in Annexure-A)	Nos	01			

2. For Plant & Machinery:

Specifications: - Attached as "**Annexure-A**"

Specifications may also be downloaded from POF Website ([www.pof.gov.pk](http://www.pof.gov.pk)).

3. **Miscellaneous Requirements:**

- a. Two (02) years of all equipment after successful commissioning and operation of complete system.  
The firm shall replace all the spares and equipment at no cost, which fall during the warranty periods.
- b. The supplier is bound to complete the project on turn-key basis including all supplies, design, installation, commissioning and successful operation
- c. A final Acceptance Test (FAT) shall be carried out after successful installation and commissioning of the project for satisfactory operation and performance to meet the requirement of the specification including removal of all discrepancies and fulfillment of any obligations.
- d. The supplier shall provide training (Hardware & Software) to O&M Staff during installation at site as well as after successful commissioning and optimization of whole system which should include training manuals (hard/soft copy), complete know-how of the software used as well as hardware portion with full knowledge up-gradation.
- e. Indicate the model, name of the manufacturer, and country of origin of the equipment.
- f. Quotation may be submitted if you are registered with sales tax department. Sales tax registration number may also be indicated in your offer.
- g. Breakdown of rates be given showing price and sales tax separately. Otherwise your quoted rates will be considered inclusive of GST.
- h. Only registered suppliers (with sales Tax & income Tax Deptt), who are on Active Taxpayers List (ATL) of FBR are eligible to supply goods/ services.
- i. The payment to the registered firms may be linked with the active taxpayer status of the suppliers as per FBR database. If any registered supplier is not in ATL, their payment will be stopped till they file their mandatory return and appear on ATL of FBR.



(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 1281 - A, 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 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature of the Tenderer \_\_\_\_\_

Name \_\_\_\_\_

Position \_\_\_\_\_

Address \_\_\_\_\_

Income Tax G.I.R No. \_\_\_\_\_

Official stamp.

**TECHNICAL SPECIFICATIONS**  
**FOR INSTALLATION OF IP BASED CAMERA SYSTEM**

**1. GENERAL REQUIREMENT**

*POF intend to Install IP based Camera for monitoring of under mentioned 04 different locations:*

Sr#	Location	Qty of Camera (Nos.)
i.	Site - A	12
ii.	Site - B	04
iii.	Site - C	03
iv.	Site - D	04
<b>Total</b>		<b>23</b>

**2. TECHNICAL SPECIFICATION**

**2.1 Out Door IP Camera**

**(Qty 23 Nos.)**

Make: Hikvision, Longse, Dahua, Huawei or any other reputable manufacturer.

- 2 MP IP Camera, PoE base
- 3.6mm Lens
- Real Time Video quality 25/30fps 1080p
- Built-in Day/Night ICR feature
- Built-in IR LED for view up to 30m
- Suitable for outdoor installation preferably IP66 or better

**2.2 Network Video Recorder 16 channel (For Site-A)**

**(Qty 01 Nos.)**

Make: Hikvision, Longse, Dahua, Huawei or any other reputable manufacturer.

- 16 channel IP camera inputs
- H.265/H.264/MPEG dual codec decoding
- Preview & playback with maximum resolution
- Simultaneous HDMI & VGA output
- 16 channel synchronous real-time playback, GRID interface
- Support Multi-brand network cameras
- Multi-screen Display 1/4/8/16
- 2 USB Port for Backup Mode
- Play back & Search with digital zoom

**2.3 Network Video Recorder 8 channel (For Site-B, C & D)**

**(Qty 03 Nos.)**

Make: Hikvision, Longse, Dahua, Huawei or any other reputable manufacturer.

- 8 channel IP camera input
- H.265/H.264/MJPEG dual codec decoding
- Preview & playback with maximum resolution
- HDMI & VGA simultaneous video output
- 16 channel synchronous real-time playback, GRID interface
- Support Multi-brand network cameras
- Multi-screen Display 1/4/8 CH
- 2 USB Port for Backup Mode
- Play back & Search with digital zoom



## 2.4 Network Switch:

### 2.4.1 Network Switch 16 Port

(Qty 01Nos.)

Make: Cisco, Hikvision, Longse, Dahua, Huawei or any other reputable manufacturer.  
Layer 2 industrial PoE switch with all accessories

### 2.4.2 Network Switch 08 Port

(Qty 03 Nos.)

Make: Cisco, Hikvision, Longse, Dahua, Huawei or any other reputable manufacturer.  
Layer 2 industrial PoE switch with all accessories

## 2.5. LED Display:

Make: Samsung/Sony or any other reputable manufacturer.

- LED Display 32" for Site-A
- LED Display 20" for Site-B, C & D

(Qty 01 No.)

(Qty 03 Nos.)

## 2.6. Backup Time

- 07 days (24 hrs daily) recording backup on supported max. resolution of all Cameras is required.

## 3. ACCESSORIES

Sr#	Description of Items	Qty (Approx.)
i.	UTP Cable, CAT-6	1500 Mtrs.
ii.	Data Cabinet for Equipment(6U) with PDU & fully Loaded Patch Panel	04 Nos.
iii.	Power Cable	300 Mtrs.
iv.	Duct	1500 Mtrs.

## 4. WARRANTEE / GUARANTEE

- Two (02) years of all equipment after successful commissioning and operation of complete system.
- The firm shall replace all the spares and equipment at no cost, which fall during the warranty periods.

## 5. DOCUMENTATION / SOFTWARE

- Operation, maintenance / service manuals in English version along with installation and wiring diagrams.
- All Software on CD/DVD should be included in the supply with CD/DVD keys, licenses or activation codes.
- Brochures of each of the installed equipment along with detailed technical specifications.
- The final drawings/ layout plan with duly labeled diagrams of interconnectivity between specified locations & the control room, may also be provided by the firm after successful completion of the project.
- Softcopy of Technical offers of the system shall also be provided in CD/DVD/Flash Drive along with hardcopy.

## 6. REMOTE MONITORING

Remote Monitoring facility is required via internet along with 01 Latest PC and 40" LED Display.

**7. INSTALLATION / COMMISSIONING**

- The supplier is bound to complete the project on turn-key basis including all supplies, design, installation, commissioning and successful operation.
- The equipment should be complete in all respect for installation & commissioning on supplier's responsibility. However, if there becomes further change in quantities and services after placement of the contract to meet the requirement, it shall be responsibility of supplier free of cost.
- In case of any damage to the equipment during installation & commissioning of the project, the repair/maintenance or replacement will be the sole responsibility the firm.

**8. OPERATION AND MAINTENANCE (O&M)**

- O&M of one (01) year after installation and commissioning of the complete system shall be included.
- During the O&M all the spares and equipment required for the maintenance of the system shall be provided by the supplier free of cost.
- O&M Cost shall be mentioned separately in the commercial offer.
- Backup / maintenance support up to 05 years.

**9. SPARES**

- Static Camera : Qty 06 Nos.
- Network Switch : Qty 02 Nos.

**10. TRAINING**

The supplier shall provide training (Hardware & Software) to O&M Staff during installation at site as well as after successful commissioning and optimization of whole system which should include training manuals (hard/soft copy), complete know-how of the software used as well as hardware portion with full knowledge up-gradation.

**11. FINAL ACCEPTANCE TEST (FAT)**

A final Acceptance Test (FAT) shall be carried out after successful installation and commissioning of the project for satisfactory operation and performance to meet the requirement of the specification including removal of all discrepancies and fulfillment of any obligations.

**12. SITE SURVEY**

- Detailed site survey will be conducted by the Supplier with the help of POF's team to actually evaluate the accurate quantities of the equipment and selection of route for laying of cable before submission of technical proposal.
- After placement of the contract, if any additional hardware, software or services etc. required making the system operative, it shall be the sole responsibility of supplier to arrange at no cost basis, vendor being Turnkey Solution Provider.

**13. PAYMENT TERM**

After Successful Commissioning of the system, FAT will be carried out in the presence of firms rep. Payment of 100% will released after the acceptance of FAT.