

GOVERNMENT OF PAKISTAN
AVIONICS PRODUCTION FACTORY (APF) PAC KAMRA

TERMS AND CONDITIONS

1. Sealed tenders are invited from only those sales tax registered suppliers who are on Active Taxpayers List (ATL) of FBR, for the procurement of the following vehicle on "FOR" Kamra basis.
2. Separate quotations (Technical & Commercial) for under mentioned camera , are to be submitted;-

S/ No	Tender Reference	Description of Store	Qty	Tender opening date and Time
a	APF/786- A/1921/1/Log/PC-38	Thermal Camera (Specification attached)	01 Ea	21-03-2018 at 1130 Hrs

3. **Delivery of Tender**

(a) **Technical Offer:**

Technical offers should be without price and contain all relevant essential specification along with literatures / brochures. Tender/Part Case number, date of opening and word (Technical offer) should be clearly marked on the face of envelopes.

(b) **Commercial Offer:**

Commercial offers should indicate price of quoted item and confirmation to the term and condition of our tender inquiry. Tender/Part Case number and words "Commercial offer" be marked on the face of envelope.

(c) **Bid Money/Earnest Money:**

The participating firms will provide 5% earnest money of the quoted value through bank draft in favor of **MD APF PAC Kamra**.

Both the envelopes of **Technical and Commercial** offers should be enclosed in one cover properly sealed and bear the following address of this office with tender number and opening date.

Managing Director,
Avionics Production Factory
Pakistan Aeronautical Complex,
Kamra - Distt. Attock

4. **Opening of Tender**

The quotations must be in original and are to reach at this factory on **1100** hrs on **21 March, 2018**. All quotations are to be dropped in the tender box placed at the factory Guard Room. No quotation will be accepted in photocopy, through fax and after due date and time. Tender will be opened on **same date** at **1130** Hrs in the presence of available representatives. We reserve the right to cancel or rejected all bids / proposals at any time prior to acceptance as per PPRA rules.

5. **Pattern of Quoted Prices**

The quoted Prices are to be inclusive of all taxes levied by the Government and these should be in accordance with the current Local market / International prices as per following format:-

Part No	Noun	Model	U/I	Qty	Unit Price			Total Price
					Without GST	GST	Price with GST	

6. **Validity of offer**

The validity period of the quotation up to 120 days after opening.

7. **Delivery Period**

Camera is required within minimum possible delivery period. Offer with minimum delivery period are likely to be preferred. However, the delivery period should be factual, as no subsequent extension will be granted except under extreme un-avoidable circumstances.

8. **Country of Manufacture**

Country / place of manufacture of Camera is to be provided along with Technical / Commercial offer.

9. **Treasury Challan**

Offer must be accompanied by challan form No. F-32A of Rs 100.00, obtained from SBP / Govt Treasury under "Departmental Receipt Major Head 1221000, CMA (DP) Rawalpindi" on behalf of Managing Director APF PAC Kamra.

10. **Release of Payment**

Payment will be released by CMA (DP) Rawalpindi on submission of proper bill / sales Tax invoice, copies of GST registration / Professional Tax certificates of Punjab province and Sales Tax Return.

11. **Acceptance of Camera**

The ordered Camera will be accepted as per attached terms and conditions. The vehicle if rejected or found defective within one year from the day of delivery / commissioning will be replaced by the supplier free of charge.

12. **Bank Guarantee**

- (a) Performance BG (5% to 10% of contract value as finalized) which will remain valid for 60 Days after Materialization of contract.
- (b) Warranty BG 5% to 10%, 60 days after the expiry of warranty period
- (c) Any other BG as per agreed terms and condition.
- (d) One BG can be provided with respect to Performance and warranty subject to validity of BG up to expiry of warranty period.

13. **Disqualification of Bid**

Offers are liable to be rejected if:-

- (a) There is a deviation from any instruction of the tender.
- (b) Offers are found conditional or incomplete in any respect.
- (c) Multiple rates are quoted against one item or overwriting / erasing in prices.
- (d) Treasury challan of Rs 100.00 is not provided.
- (e) Earnest money be attached with commercial offer and confirmation to this effect be mentioned in Tech offer without mentioning the amount.

Yours Faithfully,

(ARSHAD HUSSAIN)
Wing Commander
For Managing Director
APF PAC Kamra
Tele No: 051-90996590

APF/LG-07

**TERMS AND CONDITIONS FOR
TENDER INQUIRY NO. APF/786-A1921/1/LOG/PC-38**

1. Camera to be delivered at APF on "FOR" Kamra basis.
2. Supplier will be made responsible for warranty/guarantee of Camera.
3. Price and part catalogue be provided free of cost.
4. Camera should be factory new and from current year's production.
5. Camera will be inspected by concerned user/quality control APF.
6. All technical publication (wherever applicable) to be provided free of cost.
7. Camera must have 12 months complete warranty. Original Warranty Card from OEM must be available inside the packing.
8. Installation / commissioning of the camera will be free of cost by the firm.

TECHNICAL SPECIFICATION
TENDER INQUIRY NO. APF/786-A1921/1/LOG/PC-38

Thermal camera	
Image sensor	Uncooled VOx micro bolometer
Effective pixels	640(H)x512(V)
Pixel size	17 um
Thermal sensitivity(NETD)	<40mk@f/1.0
Spectral range	7~14um
Image setting	Brightness/sharpness/ROI/AGC/FFC/3D DNR
Color palettes	14(white hot/black hot/iron row/ice fire/Fusion/Rainbow/Globow etc
Thermal Lens	
Lens Type	Motorized
Focus Control	Auto / Manual
Focal Length	30 mm ~ 150mm
Angle of View	H : 20.6° ~ 4.2° v : 15.5° ~ 3.1°
Effective distance Man (1.8m*0.5m)	Detection : 4500m , Recognition : 1150 m Identification : 570m
Effective Distance vehicle (2.3m*2.3m)	Detection : 13200m , Recognition : 3500 m Identification : 1800m
VISIBLE CAMERA	
Image Sensor	1/1.9" Sony CMOS
Effective Pixels	1944(H)x1092(V)
Electronic Shutter Speed	1/1 ~ 1/30,000s
Min.illumination	0.001 Lux@F1.5(colour) , 0.0001 Lux@F1.5 (B/W)
S/N Ratio	More than 55dB
VISIBLE LENS	
Focal Length	12.5 ~ 775 mm
Max Aperture	F3.8
Angle of View	H : 28.8° ~ 0.5°
Optical Zoom	40x to 62x
Focus Control	Auto / Manual
Close Focus Distance	100mm ~ 1000mm (0.33ft ~ 3.28 ft)
PTZ	
Pan / Tilt Range	Pan: 0 ~360° endless Tilt: -45° ~ 60°(-60° ~ 60° optional)
Manual Control speed	Pan: 0.01° ~12° /s;Tilt: -0.01° ~ 9° /s
Preset speed	Pan: 0.01° ~12° /s;Tilt: -0.01° ~ 9° /s
preset	300
PTZ Mode	5 Auto Scan , 8 Tour , 5 Pattern , Auto Pan
Speed setup	Human-oriented focal length / speed adaptation
Power up action	Auto restore to PTZ and lens status after power failure
Idle Motion	Activate Preset/scan/Tour/Pattern if there is no command in the specified Period
Protocol	DH-SD , Pelco-P/D (Auto Recognition)