

**PAKISTAN AERONAUTICAL COMPLEX, KAMRA  
AIRCRAFT MANUFACTURING FACTORY**

**TENDER NOTICE**

**TENDER NO AMF/2804/241/LOG DATED 11 SEPTEMBER, 2017**

Sealed tenders are invited from sales tax registered firms for **Purchase of under mentioned Security Equipment:-**

<b>S No</b>	<b>Part No</b>	<b>Description</b>	<b>Qty</b>	<b>Unit of Issue</b>	<b>Remarks</b>
(a)	8470PK000136	Bullet Proof Jacket	25	Ea	Specifications mentioned below
(b)	SPD-3000	PTZ Camera	13	Ea	
(c)	SDC-415	CCD Camera Short Range 1/3"	15	Ea	

**TECHNICAL SPECIFICATIONS : BULLET PROOF JACKET**

**1. Composition**

- (a) Front and rear Soft armour panels (SAPs)
- (b) Front and rear Hard Armour Plates (HAPs)
- (c) Out Cover with Ventilation system. - Inter Lining will be provided by supplier
- (d) 08 Ammunition and Utility pouches

**2. Protection Level**

- (a) Without Armour Plates (i.e Soft Armour Panels : Level IIIA PK
- (b) With Armour Plates : Level III PK
- (c) Weight of Jacket:
  - (i) Weight of Ballistic Insert (SAP's) : 1.5 to 2.5 Kg
  - (ii) Weight of Hard Armour Plate : 1.5 to 1.8 Kg
  - (iii) Total weight of the jacket including 08 pouches. SAP's, HAP's complete in all respect. : Not Exceeding 6.6 Kg
- (d) Material

**(i) Soft Armour Panels (SAPs).** The Jackets should have 02 soft armour panels (SAPs) along with detachable neck and groin protection inserts. Each panel/insert should be made with adequate layers of spectra or spider silk or nano-based armour of gold flex or dyaneema or Kevlar anti ballistic campsite materials. The SAPs should be packed in fire resistance, water proof cloth/material of black colour. Ballistic covered area of a medium size Jacket should not be less than 0.45 square meters (including both front and rear sides

**(ii) Hard Armour Panels (HAPs)** Hard Armour Panels (HAPs) should be made of light weight spectra or spider silk or nano-based armour or gold flax of dyneema of Kavlar etc anti ballistic campsite materials.

**(iii) Outer Cover.**

- a. The outer cover should be made of flame retardant, water proof cloth/ material of camouflage colour.
- b. It should have pockets on the front and rear to accommodation HAPs.
- c. Taruma pack should be integral part of soft armour panel, provided by supplier.
- d. The cover should have six strips of webbing to accommodation any top wrap around system pouches both on front and rear sides.
- e. A sniper shoulder should be provided on the both sides of the jackets along with the shoulder adjustment mechanism.
- f. Adjustable body strips should be provided to fit different body sizes.
- g. All soft body armour should be made of dyneema which should be immuned to water / humidity exposure with minimum shelf life of at least five years.

**(e) Ammunition and Utility Pouches** 08 pouches made of 100 denier cruder fame retardant water proof cloth / material camouflage colour as per details given below should be provided:-

- (i) 02 Magazine pouch to accommodate SMG magazine
- (ii) 02 Magazine pouch to accommodate G-3 magazine.
- (iii) 01 double Magazine pouch to accommodate MP5 magazine.
- (iv) 01 double Magazine pouch to accommodate Pistol magazine.
- (v) 01 Pouch for Hand Held Radio Set (Motorola)
- (vi) 01 Utility pouch.

(Note):- All pouches should be removable

**OR**

**Equivalent / latest specification available in the market**

## PTZ IP Cameras:

<b>Type</b>	➤ PTZ IP camera 2MP and Night view, IR
<b>Feature</b>	<ul style="list-style-type: none"><li>➤ High performance HD outdoor PTZ dome camera with integrated IR illumination for scenes with low and no ambient lighting.</li><li>➤ Choice of HD resolution (720p 25/30 or 1080p 25/30).</li><li>➤ Long distance illumination up to 180m (590 ft) allows easy detection and following of moving targets.</li><li>➤ Variable illumination ensures that IR light is uniformly distributed in the field to avoid dark spots or over illuminated scenes.</li><li>➤ Superior privacy masking to safeguard the privacy of individuals.</li></ul>
<b>Function</b>	➤ See in the dark, superior imaging performance, Three (3) programmed use models, sodium vapour lamp white balance, Superior privacy masking , Bitrate optimized profile, Alarm handling and Motion Detection, Advanced streaming, Recording and storage management etc.
<b>Technical Specification</b>	➤ Imager 1/ 2.8" progressive scan CMOS, total sensor pixel 2.48MP, effective pixels 1080p-1984p , Lens Focal length, 30x zoom

**Note:- Equivalent / Better or Latest specification available in the market**

## Fixed IP Cameras

<b>Type</b>	➤ Dinion IP bullet 5000 HD
<b>Feature</b>	➤ HD standards : complies with the SMPTE 274M-2008 standard in: resolution: 1920x1080, scan progressive , colour representation: complies with ITU-R BT-709, aspect ratio 16:9, Frame rate: 25 and 30 frames/s, complies with the SMPTE 296M-2001 standard in resolution: 1280x720 e.t.c
<b>Function</b>	➤ Dinion IP bullet 5000 HD, Robust IP bullet camera with infrared illumination for outdoor HD surveillance applications, 1080p, surface mount box
<b>Accessories</b>	➤ NTI-BLC-SMB surface mount box

**Note:- Equivalent / Better or Latest specification available in the market**

## 2. **Delivery of Tender**

- (a) **Technical Offer:** It should be without price and contain all relevant essential specification along with literatures / brochures. Tender number, date of opening and word “**Technical offer**” should be clearly marked on the face of envelope.
- (b) **Commercial Offer:** It should indicate price of quoted stores and confirmation to the terms and conditions of our tender inquiry. The words “**Commercial offer**” be marked on its envelope. Prices should be firm and final, there should be no hidden charges in the quotation.
- (c) **Bid Money / Earnest Money:** The registered / unregistered firm with PAC Board will provide 5% earnest money of the quoted value through bank draft in favor of MD AMF PAC Kamra.

**NOTE** Quotations must be submitted in two copies i.e one copy with technical details without price and one copy as commercial offer in separate envelop. Both the envelopes of Technical and Commercial offers should be enclosed in one cover properly sealed and bear the following address of this office.

**Deputy Director Procurement,**  
Aircraft Manufacturing Factory,  
Pakistan Aeronautical Complex, Kamra  
Distt Attock

## 3. **Opening of Tender**

The quotations must be in original and are to reach at this factory on **1000 Hrs on 29-09-2017**. No quotation will be accepted in photocopy, through Fax and after due date and time. Tender will be opened at 1100 Hrs on the same day. In case of official leave tender will be opened on the next day. We reserve the right to cancel or reject all bids/ proposals at any time prior to acceptance as per PPRA Rules.

## 4. **Pattern of Quoted Prices**

- (a) The quoted Prices are to be exclusive of all taxes levied by the Government and these should be in accordance with the current Local market prices.
- (b) GST and all other taxes must be mentioned separately.

## 5. **Validity of offer**

The quotation should be valid for up to 30 June, 2018

## 6. **Delivery Period**

Delivery time should not exceed 01 months from date of signing of contract.

## 7. **Release of Payment**

(a) CMA (ISO) RWP will release 100% amount for **Stores** including 17% GST on production of following documents:-

- |      |               |   |           |
|------|---------------|---|-----------|
| (i)  | Invoice/ Bill | : | 03 copies |
| (ii) | CRV           | : | 01 copy   |

(iii)	Professional Tax Certificate	:	01 copy
(iv)	General Sales Tax Certificate	:	01 copy
(iv)	On line Tax payer certificate (ATL)	:	01 copy

8. **Disqualification**

Offers are liable to be rejected if: -

- (a) There is a deviation from any instruction.
- (b) Offers are found conditional or incomplete in any respect.
- (c) Multiple rates are quoted against one item or overwriting / erasing in prices.
- (d) Bid money / Earnest money not provided.
- (e) Firm being BLACKLISTED / UNDER IMBARGO / DE LISTED by any Government Organization.

**NOTE: - THIS TENDER ADVERTISEMENT IS ALSO AVAILABLE ON [www.pac.org.pk](http://www.pac.org.pk)**

**TERMS AND CONDITIONS FOR TENDER**

- 1. Items to be delivered at AMF on "FOR" Kamra basis.
- 1. Standard Manuals / Catalogue for repair / Maintenance.
- 2. Store must be new and latest model/production series.
- 3. Acceptance would be subject to inspection by Quality Directorate AMF.
- 4. Cost of the Stores should be firm and final.
- 5. Delivery time should not exceed 01 month from date of signing of contract.
- 6. OEM's Certificate of conformance be provided.

**Yours Faithfully,**

**(UBAID TAHIR KHAN)**  
 Flight Lieutenant  
 For Managing Director  
 AMF PAC Kamra  
 Tele No: 051-90995290