

EXPRESSION OF INTEREST

**ASSISTANCE IN DIGITAL FORENSICS AND FORENSIC GAP
ANALYSIS OF CYBER CRIME WING
FEDERAL INVESTIGATION AGENCY (FIA)**



Tender Reference Number: FIA/CCW/2021-22/20210901 - Consultancy

**CYBER CRIME WING
FEDERAL INVESTIGATION AGENCY
GOVERNMENT OF PAKISTAN**

**2nd Floor National Police Foundation Building,
Maive Area, G-10/4, Islamabad**

Tel: +92 51 9106380

Fax: +92 51 9106383

Table of Content

1	Background	2
2	Expression of Interest:	3
2.1	Letter of Invitation	3
2.2	Schedule:	4
2.3	The Name and Address of Procuring Agency:	4
2.4	Forensic Experience/Facility:	4
2.5	Shortlisting of consultants. ---	5
2.6	Criteria for Prequalification of consultants. ---	5
2.7	Method for Selection of Consultants:	6
3	Expression of Interest Format.....	6

1 Background

- 1.1 Cyber Crime Wing (CCW) - FIA is a law enforcement agency dedicated to fight cybercrime. Inception of this Hi-Tech crime fighting unit transpired as National Response Center for Cyber Crime (NR3C) in 2007 to identify and curb the phenomenon of technological abuse in society.
- 1.2 CCW primarily to deal with technology based crimes in Pakistan. It is the only unit of its kind in the country and in addition to the directly received complaints also assists other law enforcement agencies in their own cases.
- 1.3 CCW has expertise in Digital Forensics, Technical Investigation, Information System Security Audits, Penetration Testing and Trainings. Since its inception, it has been involved in capacity building of the officers of Police, Intelligence, Judiciary, Prosecutors and other Govt. organizations. CCW has also conducted a large number of seminars, workshops and training/awareness programs for the academia, print/electronic media and lawyers.
- 1.4 With the increasing trend cybercrimes being reported to Cyber Crime Wing, FIA intends enhance its capabilities to effective investigate and prosecute cybercrime in Pakistan. Over 90 thousand cybercrime complaints were received in 2020 which is a 3 times increase compared to the year 2019. Also, over 90 percent of the total complaints received by the Agency are cybercrime complaints. This has resulted in a considerable increase in not only the investigation and prosecution, but also the digital forensics requirements.
- 1.5 Nonetheless, there have been commendable efforts by the present government towards strengthening the Cyber Crime Wing, in terms of human resources, as well as infrastructure.
- 1.6 In a bid to continue to revamp and enhance its capabilities, CCW-FIA intends to hire the services of Consulting Firms to assist in digital forensics of Cyber Crime Wing, FIA

2 Expression of Interest:

2.1 Letter of Invitation

Tender Reference No: **FIA/CCW/2021-22/20210901 - Consultancy**

Location and Date:

Date: Oct 03, 2021

Cyber Crime Wing
Federal Investigation Agency
2nd Floor, Police Foundation Building
G10/4, Mauve Area, Islamabad

1. Cyber Crime Wing – FIA (hereinafter called “Agency”) now invites proposals to provide the following consultancy services:

Assistance in Digital Forensics and Forensic Gap Analysis of Cyber Crime Wing – FIA

More details on the services are provided in the forensic experience/Facility.

2. This Expression of Interest (EOI) has been addressed to all the eligible consultants/firms having offices in Pakistan.
3. A firm will be selected under Quality and Cost base selection as described in “Procurement of Consultancy Services Regulations 2010” and PPRA Rules 2004.
4. Last Date to Submit EOI

Monday 25-10-2021 @ 1200Hrs

5. Detailed Document can be downloaded from PPRA and FIA website.

www.ppra.gov.pk

www.fia.gov.pk

Yours sincerely
Director
Cyber Crime Wing FIA.

2.2 Schedule:

Description	Time Lines
Advertisement	03-10-2021
Pre – Submission Meeting	13-10-2021 @ 1100Hrs
Last date to submit EOI	25-10-2021 @ 1200Hrs
Opening of EOI	25-10-2021 @ 1400Hrs
Evaluation period	25-10-2021 to 23-11-2021
Announcement of pre-qualified bidders and Issuance of Final RFP	24-11-2021 @ 1200Hrs
Submission of technical proposal and financial proposal	10-12-2021
Technical Evaluation Result Announcement	22-12-2021 @ 1200Hrs
Opening of Financial Bid	29-12-2021 @ 1400Hrs
Announcement of Final Results	04-01-2022
Issuance of Letter of Intent to the most advantageous bidder	14-01-2022
Contract Signing with successful Bidder	Upon submission of stamp papers (by most advantageous bidder) of the value which is to be calculated under stamp act 1899.

2.3 The Name and Address of Procuring Agency:

Cyber Crime Wing
Federal Investigation Agency
2nd Floor, Police Foundation Building
G10/4, Mauve Area, Islamabad

2.4 Forensic Experience/Facility:

The consultant will provide its facility, staff and expertise to assist Cyber Crime Wing for:

- i. Assistance to forensic experts of Cyber Crime Wing - FIA for carrying out technical and forensic extraction / analysis;

Capabilities of following task are required:

Computer Forensic

- Decryption of Encrypted Hard disk/partition without knowing key (Windows, Linux, Mac); and

- Decryption of Ransomware effected files.

Mobile Forensic

- Root/Administrative Access without losing data (Android9+/IOS/Windows for Mobile/ /Blackberry/Symbian/Tizen/Bada. etc);
 - Physical Extraction of Data from Android Mobile Phones 9, 10, 11, 12+;
 - Binary Image of Mobile Phone Internal Memory;
 - Recovery of WhatsApp/Facebook/WeChat/Instagram deleted data (Android 9, 10, 11, 12+ and IOS);
 - Recovery of Deleted Data from Factory Reset Phone (Android 9, 10, 11, 12+ and IOS);
 - Decryption of Encrypted Vaults; and
 - Report of Compromised Mobiles for any data leakage.
- ii. Studying and analyzing the forensic capacity of Cyber Crime Wing - FIA;
- iii. Suggesting measures to improve / enhance the forensic capacity of Cyber Crime Wing - FIA at par with international standards / techniques / tools.

2.5 Shortlisting of consultants. ----

- 2.5.1 The consultant shall have established forensic facility within Pakistan.
- 2.5.2 The firm shall have at least 07 X Forensic Experts with at least 05 years of practical experience in digital forensics;
- 2.5.3 The forensic facility must have capacity to analyze Twenty Five (25) Tera Byte of data per month;
- 2.5.4 The forensic facility must have data archive facility for at least six (06) months;

2.6 Criteria for Prequalification of consultants. ----

Description	Score (Total 80)
Office Located in Pakistan (Islamabad/Rawalpindi, Lahore, Karachi)	03
Previous Experience with Law Enforcement Agencies	02
Forensic Case Studies	05
No. of Consultants with 5 year experience	05
Financial Worth	05
Forensic Facility Capacity	05
Data Archive Capacity	05
Forensic Analysis of Encrypted Digital Media (without Key)	10
Forensic Analysis of Mobile Phones (Password Protected)	10
Recovery of deleted data from Factory Reset Phones	10
Decryption of Ransomware Files	10
Analysis of compromised systems and phones	10

Note: Company/Consultant forensic expertise will be evaluated/tested using Ten Sample Items.

2.7 Method for Selection of Consultants:

Following method will be used as described in Regulation, 2010 for Procurement of Consultancy Services. Rule # 3-B.

2.7.1 Quality & Cost Based Selection. ----

This method shall be used where high quality is the prime consideration while cost is secondary consideration; and

2.7.2 Procedures for Selection under the quality and cost based selection. ----

- (a) A request for expression of interest as laid down in regulation 5 is advertised to invite interested applicants or firms to contest;
- (b) A request for proposals shall be prepared and sent to short listed consultants selected following the laid down criteria; and
- (c) The evaluation of proposal shall be carried out in two stages in the following manner, namely:----
 - i. The technical proposal shall be evaluated and the procuring agency may discuss technical details, if it may deem necessary;
 - ii. The financial proposals of technically responsive proposals shall be opened in the presence of applicants or their representatives who may wish to attend the opening session; and
 - iii. A combined evaluation of technical and financial proposals shall be accepted. Where.----

Technical weight = as described in pre-qualification phase.

Financial weight = (Lowest Quote/Quote of the Firm whose points are being calculated) x 20

Most Advantageous Bid = Technical Weight + Financial Weight

3 Expression of Interest Format

Expression of interest will consist of the following:

Form	Description
TECH – 1	Introduction of Consultant
TECH – 2	Financial Statement of two years
TECH – 3	Consultant's Experience
TECH – 4	Curriculum Vitae (CV) for Proposed Professional Staff
TECH – 5	Detail of Forensic Facility
TECH – 6	Forensic Case Studies
TECH – 7	Work Schedule
TECH – 8	Team Composition and Task Assignments