Tender Document

Punjab Forensic Science Agency (PFSA)

PURCHASE OF MISC. HARDWARE & SOFTWARE

FSA-213





Punjab Forensic Science Agency (PFSA)

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1- Important Note:

Bidders must ensure that they submit all the required documents indicated in the Bidding Documents without fail. Bids received without, undertakings, valid documentary evidence, supporting documents and the manner for the various requirements mentioned in the Bidding Documents or test certificates are liable to be rejected at the initial stage itself. The data sheets, valid documentary evidences for the critical components as detailed hereinafter should be submitted by the Bidder for scrutiny. It is intimated that no objection shall be entertained regarding the terms and conditions of the Bidding Document at the later stages during tender process.

Applicability of Punjab Procurement Rules, 2014

This Bidding Process will be governed under Punjab Procurement Rules, 2014, as amended from time to time and instructions of the Government of the Punjab received during the completion of the project

2- Invitation to Bid

2.1 PPRA Rules to be followed

Punjab Procurement Rules 2014 will be strictly followed. These may be obtained from PPRA's website:

http://ppra.punjab.gov.pk/PublicPages/prorules1.aspx

In this document, unless otherwise mentioned to the contrary, "Rule" means a Rule under the Punjab Procurement Rules 2014.

2.2 Mode of Advertisement(s)

As per Rule 12(1), this Tender is being placed online at PPRA's website, as well as being advertised in print media.

All prospective bidders are required to enclose photo copy of DD/P.O. of Rs. 2000/- in favor of "Director General, Punjab Forensic Science Agency" with the bids, OR Original Receipt of Tender Purchased, else wise the bid will stand rejected.

2.3 Type of Open Competitive Bidding

As per Rule 38, 2(a), Single Stage - Two Envelope Procedure shall be followed. This is as follows:

- i. The bid shall comprise of a single package containing two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal;
- ii. The envelopes shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letters to avoid confusion;
- iii. Initially, only the envelope marked "TECHNICAL PROPOSAL" shall be opened;
- iv. The envelope marked as "FINANCIAL PROPOSAL" shall be retained in the custody of the procuring agency without being opened;
- v. The Purchaser shall evaluate the technical proposal in a manner prescribed in Section 7, 13 and Annexure-A of this document, without reference to the price and reject any proposal which does not conform to the specified requirements as listed in said Sections.
- vi. During the technical evaluation no amendments in the technical proposal shall be permitted;
- vii. The financial proposals of technically qualified bidders shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance;

viii. After the evaluation and approval of the technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted and qualified bids only. The financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders.

In accordance with these rules, interested companies (hereinafter referred to as "Bidders") applying for bids should submit two separate bids/envelopes for Financial Proposal and Technical Proposal.

2.4 Bidding Details (Instruction to Bidders)

The bids along with Tender Forms, Affidavits, etc., must be delivered into the Tender Box, placed at reception of Punjab Forensic Science Agency, Lahore on or **before 1100 hrs no later than 16-05-2017.** The Technical bids will be publicly opened in the Punjab Forensic Science Agency, Head Office: PFSA Thokar Niaz Baig, Multan Road, Lahore., **at 11:30 hours** on the last date of submission of bids.

Queries of the Bidders (if any) for seeking clarifications regarding the specifications must be received in writing to the Purchaser within five working days from the date of Tender advertisement. Any query received after five working days shall not be entertained. All queries shall be responded to within due time. PFSA may host a Q&A session, if required, at PFSA premises (Punjab Forensic Science Agency, Head Office: PFSA Thokar Niaz Baig, Multan Road, Lahore). All Bidders shall be informed of the date and time in advance.

The bidder must submit bids on the basis of complete Tender. Failure to meet this condition will cause disqualification of the bidder. The bidder shall submit bids which comply with the Bidding Document. Alternative bids will not be considered. The attention of bidders is drawn to the provisions of Clause on "Determination of Responsiveness of Bid" regarding the rejection of Bids, which are not substantially responsive to the requirements of the Bidding Document.

The Primary Contact & Secondary Contact for all correspondence in relation to this bid is as follows:

Primary Contact

Deputy Director (Finance), Punjab Forensic Science Agency

Lahore

Secondary Contact

Care Taker (PFSA)

Punjab Forensic Science Agency

Lahore

Bidders should note that during the period from the receipt of the bid and until further notice from the Primary Contact, all queries should be communicated via the Primary Contact and in writing (e-mail) only. In the case of an urgent situation where the Primary Contact cannot be contacted, the bidder may alternatively direct their enquiries through the Secondary Contact.

Bidders are also required to state, in their proposals, the name, title, fax number and e-mail address of the bidder's authorized representative through whom all communications shall be directed until the process has been completed or terminated.

The Purchaser will not be responsible for any costs or expenses incurred by bidders in connection with the preparation or delivery of bids.

As authority competent to accept the tender, the Purchaser reserves the right to cancel the tender, accept or reject one or all bids without assigning any reason thereof.

TERMS AND CONDITIONS OF THE TENDER

Definitions

- 3.1 In this document, unless there is anything repugnant in the subject or context:
- 3.2 "Authorized Representative" means any representative appointed, from time to time, by the Client, the Purchaser or the Contractor.
- 3.3 "Availability and Reliability" means the probability that a component shall be operationally ready to perform its function when called upon at any point in time.
- 3.4 "Client" means the Project lead of technical wing of the Purchaser for whose' particular project the Goods / Services have been procured or any other person, duly appointed in writing, by the Client, for the time being or from time to time, to act as Client for the purposes of the Contract.
- 3.5 "Bidder/Tenderer" means the Firm/Company/Supplier/Distributers that may provide or provides the same hardware/equipment, etc and related services to any of the public sector organization under the contract and have registered for the relevant business thereof.
- 3.6 "Commencement Date of the Contract" means the date of signing of the Contract between the Purchaser and the Contractor.
- 3.7 "Contract" means the agreement entered into between the Purchaser and the Contractor, as recorded in the Contract Form signed by the parties, including all Schedules and Attachments thereto and all documents incorporated by reference therein.
- 3.8 "Contractor" means the person whose Tender has been accepted and awarded letter of Intent followed by the Contract by the Purchaser.
- 3.9 "Contract Price" means the price payable to the Contractor under the Contract for the full and proper performance of its contractual obligations.
- 3.10 "Contract Value" means that portion of the Contract Price adjusted to give effect to such additions or deductions as are provided for in the Contract which is properly apportion-able to the Goods or Services in question.
- 3.11 "Defects Liability Expiry Certificate" means the certificate to be issued by the Client to the Contractor, in accordance with the Contract.
- 3.12 "Day" means calendar day.
- 3.13 "Defects Liability Period" means the warranty period following the taking over, during which the Contractor is responsible for making good, defects and damage in Goods and Services provided, under the Contract.
- 3.14 "Force Majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Purchaser in its sovereign capacity, wars, revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 3.15 "Goods" means equipment, machinery, and/or other materials which the Contractor is required to supply to the Purchaser under the Contract.
- 3.16 "Person" includes individual, association of persons, firm, company, corporation, institution and organization, etc., having legal capacity.
- 3.17 "Prescribed" means prescribed in the Tender Document.
- 3.18 "Purchaser" means the Punjab Forensic Science Agency (PFSA), or any other person for the time being or from time to time duly appointed in writing by the Purchaser to act as Purchaser for the purposes of the Contract.
- 3.19 "Origin" shall be considered to be the place where the Goods are produced or from where the Services are provided. Goods are produced when, through manufacturing, processing or

- assembling of components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components. The origin of Goods and Services is distinct from the nationality of the Contractor.
- 3.20 "Services" means installation, configuration, deployment, commissioning, testing, training, support, after sale service, etc. of Goods and other such obligations which the Contractor is required to provide to the Purchaser under the Contract.
- 3.21 "Taking-Over Certificate" means the certificate to be issued by the Client to the Contractor, in accordance with the Contract.
- 3.22 "Works" means work to be done by the Contractor under the Contract.

Headings and Titles

In this document, headings and titles shall not be construed to be part thereof or be taken into consideration in the interpretation of the document and words importing the singular only shall also include the plural and vice versa where the context so requires.

Notice

- 5.1 In this document, unless otherwise specified, wherever provision is made for exchanging notice, certificate, order, consent, approval or instructions amongst the Contractor, the Purchaser and the Client, the same shall be:
- 5.1.1 in writing;
- 5.1.2 issued within reasonable time;
- 5.1.3 served by sending the same by courier or registered post to their principal office in Pakistan or such other address as they shall notify for the purpose; and
- 5.1.4 The words "notify", "certify", "order", "consent", "approve", "instruct", shall be construed accordingly.

Tender Scope

Punjab Forensic Science Agency (PFSA), (hereinafter referred to as "the Purchaser") invites / requests Proposals (hereinafter referred to as "the Tenders") for the **Purchase of Misc.** hardware & Software (herein after referred to as "the Goods")

Tender Eligibility

- 7.1 Eligible Tenderer is a Tenderer who is an authorized service provider by the principal.
- 7.1.1 has a registered office in Pakistan;
- 7.1.2 has required relevant experience
- 7.1.3 is manufacturer of Goods / provider of Services or authorized dealer / agent of original manufacturer of Goods / provider of Services.
- 7.1.4 Conforms to the clause of "Responsiveness of Bid" given herein this tender document.
- 7.1.7 Goods and Services can only be supplied / sources / routed from "origin" in "eligible" member countries.
 - a. Eligible" is defined as any country or region that is allowed to do business in Pakistan by the law of Government of Pakistan.
 - o. "origin" shall be considered to be the place where the Goods are produced or from which the Services are provided. Goods are produced when, through manufacturing, processing or substantial and major assembling of components, a commercially recognized product results that is substantially different in basic characteristics or in purpose or utility from its components.

Tender Cost

The Tenderer shall bear all costs / expenses associated with the preparation and submission of the Tender(s) and the Purchaser shall in no case be responsible / liable for those costs / expenses.

Consortium

Bids submitted by a consortium of two companies or partners (maximum) shall comply with the following requirements:

- I. Consortium/Local partner shall have credibility and shall provide references in financial strengths.
- II. The Bid, and in case of successful Bid, the Contract form, shall be signed by all so as to be legally binding on all the partners.
- III. One of the partners shall be authorized to be lead partner; and this authority shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the partners.
- IV. The partner Lead Partner shall be authorized to incur liabilities, receive payments and receive instructions for and on behalf of any or all partners of the consortium.
- V. A copy of the agreement entered into by the consortium partners shall be submitted with the Bid

Examination of the Tender Document

The Tenderer is expected to examine the Tender Document, including all instructions and terms and conditions.

Clarification of the Tender Document

The prospective bidders may solicit clarification of the Tender Document, within 05 working days of issuance of tender in writing. The clarification and its replies will be shared with all prospective bidders.

Amendment of the Tender Document

- 12.1 The Purchaser may, at any time prior to the deadline for submission of the Tender, at its own initiative or in response to a clarification requested by the Bidder, amend the Tender Document, on any account, for any reason. All amendment(s) shall be part of the Tender Document and binding on the Bidder.
- 12.2 The Purchaser shall notify the amendment(s) in writing to the prospective Tenderers.
- 12.3 The Purchaser may, at its exclusive discretion, amend the Tender Document to extend the deadline for the submission of the Tender, in which case all rights and obligations of the Purchaser and the Tenderers previously subject to the deadline shall thereafter be subject to the deadline as extended.

Preparation / Submission of Tender

- 13.1 The Tender and all documents relating to the Tender, exchanged between the Tenderer and the Purchaser, shall be in English. Any printed literature furnished by the Tenderer in another language shall be accompanied by an English translation which shall govern for purposes of interpretation of the Tender.
- 13.2 The Tender shall be filed in / accompanied by the prescribed Forms, Annexes, Schedules, Charts, Drawings, Documents, Brochures, Literature, etc. which shall be typed, completely filled in, stamped and signed by the Tenderer or his Authorized Representative. In case of

- copies, photocopies may be submitted.
- 13.3 The Tender shall be in two parts i.e the technical proposal and the financial proposal. Each proposal shall be in two sets i.e the original and the copy. In the event of any discrepancy between the original and the duplicate, the original shall govern.
- 13.4 The Technical Proposal shall comprise the following, without quoting the price:
- 13.5 Technical Proposal Form (Annexure-B)
- 13.5.1 Affidavit and Undertaking (All terms & conditions and qualifications listed anywhere in the RFP have been satisfactorily vetted) (Annexure-G&H)
- 13.5.2 Covering letter duly signed and stamped by authorized representative. (Annexure-E)
- 13.5.3 Authorized Certificate / document from the principle / manufacturer.
- 13.5.4 Evidence of eligibility of the Tenderer and the Goods
- 13.5.5 Evidence of conformity of the Goods / the Services to the Tender Document
- 13.5.6 Undertaking and Evidence that the quoted Goods are genuine, brand new, non-refurbished, unaltered in any way, of the most recent / current model, imported through proper channel, and incorporate all recent improvements in design and materials
- 13.5.7 Technical Brochures / Literature
- 13.5.8 The Contractor's financial capacity to mobilize and sustain the Supply of Items. In the Proposal, the Bidder is required to provide information on its financial status. This requirement can be met by submission of one of the following: (1) audited financial statements for the last Two (02) years, supported by audit letters

OR

(2) certified financial statements for the last Two (02) years, supported by tax returns duly signed and stamped by authorized representative.

OR

- (3) Copies of Purchase Orders / Certificates from clients with value of Order/works
- 13.5.9 The statement must be signed by the authorized representative of the Bidder
- 13.5.10 Valid Registration Certificate for Income Tax & Sales Tax
- 13.5.11 Income Tax & Sales Tax
- 13.5.12 Power of Attorney, if an authorized representative is appointed (Annexure-F)

13.6 The Financial Proposal shall comprise the following:

- 13.6.1 Financial Proposal Form (Annexure-C)
- 13.6.2 Price Schedule (Annexure-D)
- 13.7 The Tenderer shall seal the Original Technical Proposal in an envelope duly marked as under: Original Technical Tender for

Tender Name. [Number of Tender]

[Name of the Purchaser]

[Address of the Purchaser]

[Name of the Tenderer]
[Address of the Tenderer]
[Phone No. of the Tenderer]

13.8 The Tenderer shall seal the Duplicate Technical Tender in an envelope duly marked as under:

Duplicate Technical Proposal for Tender Name. [Name of Tender]

[Name of the Purchaser]
[Address of the Purchaser]

[Name of the Tenderer]
[Address of the Tenderer]
[Phone No. of the Tenderer]

- 13.9 The Tenderer shall follow the same process for the Financial Tender.
- 13.10 The Tenderer shall again seal the sealed envelopes of Original Technical Proposal and the Original Financial Proposal in an outer envelope, duly marking the envelope as under:

Original Tender for

Tender Name. [Name of Tender]

Strictly Confidential

Open on [Last Date of submission of the Tender]

[Name of the Purchaser]

[Address of the Purchaser]

[Name of the Tenderer]

[Address of the Tenderer]

[Phone No. of the Tenderer]

13.11 The Tenderer shall again seal the sealed envelopes of Duplicate Technical Proposal and the Duplicate Financial Proposal in an outer envelope, duly marking the envelope as under:

Duplicate Tender for

Tender Name. [Name of Tender]

Strictly Confidential

Open on [Last Date of submission of the Tender]

[Name of the Purchaser]

[Address of the Purchaser]

[Name of the Tenderer]

[Address of the Tenderer]

[Phone No. of the Tenderer]

- 13.12 The Tenderer shall enclose soft copies of the Technical Proposal and the Financial Proposals, including all Forms, Annexes, Schedules, Charts, Drawings, Documents, Brochures, Literature, etc., in the form of MS Word Documents, MS Excel Worksheets and Scanned images, with the hard copies.
- 13.13 The Tender shall be mailed to reach and dropped in the Tender Box placed at the Reception of the Purchaser's office, during office hours, up to due date and time.
- 13.14 This is made obligatory to affix authorized signatures with official seal on all original and duplicate (copies) documents, annexure, copies, certificates, brochures, literature, drawings, letters, forms and all relevant documents as part of the bids submitted by the tenderer. Noncompliance with the same will cause the rejection of bid at the time of opening.

Tender Price

- 14.1 The quoted price shall be:
- 14.1.1 best / final / fixed and valid until completion of all obligations under the Contract i.e. not subject to variation / escalation;
- 14.1.2 on C&F (Lahore International Airport, Lahore basis including all charges) or FOR;
- 14.1.3 in US \$ DOLLARS or PKR;
- 14.1.4 on C& F basis or F.O.R basis;

Exchange rates as per following detail will be utilized for comparison of bids:-

i.	US\$:	Rs. 106
ii.	UK£	Rs. 130
iii.	Euro€	Rs. 117
iv.	Australian Dollar	Rs. 82
v.	Canadian Dollar	Rs. 80
vi.	Japanese Yen ¥	Rs. 1.20
vii.	Singapore Dollar	Rs. 77
viii.	Swiss Franc	Rs. 108

- 14.2 If not specifically mentioned in the Tender(s), it shall be presumed that the quoted price is as per the above requirements.
- 14.3 Where no prices are entered against any item(s), the price of that item shall be deemed to have been distributed among the prices of other items, and no separate payment shall be made for that item(s).
- Each cost should be identified as installation (one time) or monthly/quarterly/yearly (recurring) for any other equipment rental or any support of operation services thereof.
- 14.5 In case of Contract of imported Equipment/Services offered Ex-Warehouse/Off-the-Shelf from within the Purchaser's country, import duties and sales and other taxes already paid shall be shown separately.

Tender Validity

The Tender shall have a minimum validity period of ninety days from the last date for submission of the Tender. The Purchaser may solicit the Tenderer's consent to an extension of the validity period of the Tender. The request and the response thereto shall be made in writing.

Modification / Withdrawal of the Tender

16.1 The Tenderer may, by written notice served on the Purchaser, modify or withdraw the Tender after submission of the Tender, prior to the deadline for submission of the Tender.

Opening of the Tender

- 17.1 Tenders shall be opened, at the given place, time and date, in the presence of the Tenderer(s) for which they shall ensure their presence without further invitation.
- 17.2 The Tenderer's name, modifications, withdrawal, attendance of the Tenderer and such other details as the Purchaser may, at its exclusive discretion, consider appropriate, shall be announced and recorded.
- 17.3 No tenderer or its representative will be allowed to keep any digital device (camera, audio recorder, cell phone etc.) during tender opening meeting at given time and location. Non-compliance will cause the rejection of respective bidder.

Clarification of the Tender

The Purchaser shall have the right, at his exclusive discretion, to require, in writing, further information or clarification of the Tender, from any or all the Tenderer(s). No change in the price or substance of the Tender shall be sought, offered or permitted except as required to confirm the corrections of arithmetical errors discovered in the Tender. Acceptance of any such correction is sold discretion of the purchaser

Determination of Responsiveness of the Bid (Tender)

- 19.1 The Purchaser shall determine the substantial responsiveness of the Tender to the Tender Document, prior to the Tender evaluation, on the basis of the contents of the Tender itself without recourse to extrinsic evidence. A substantially responsive Tender is one which:
- 19.1.1 meets the eligibility criteria for the Tenderer / the Goods / the Services;
- 19.1.2 meets the Technical Specifications for the Goods / the Services;
- 19.1.3 meets the delivery period / point for the Goods / the Services;
- 19.1.4 offers fixed price quotations for the Goods / the Services;
- 19.1.5 The original document /receipt of tender fee submitted, attached with technical bid envelope;
- 19.1.6 is otherwise complete and generally in order;
- 19.1.7 Conforms to all terms and conditions of the Tender Document, without material deviation or reservation.
- 19.2 A material deviation or reservation is one which affects the scope, quality or performance of the Goods or limits the Purchaser's rights or the Tenderer's obligations under the Contract.
- 19.3 The Tender determined as not substantially responsive shall not subsequently be made responsive by the Tenderer by correction or withdrawal of the material deviation or reservation. However, the Purchaser may waive off any minor non-conformity or inconsistency or informality or irregularity in the Tender.

19.4 PARAMETERS OF TECHNICAL EVALUATION CRITERIA

The Firm/Company securing less than 70% marks will be disqualified

-Total Marks: 250

=Qualification Marks 175 (70%) + Mandatory

Category	Description	Poir	nts	Compliance/ Points
	Income Tax Registration	Manda	atory	
	General Sales Tax Registration	Manda	atory	
Legal (Mandatory)	Principal's material Manufacturer /Seller/ Support / supplier Authorization letter required in favor of any one partner/company	Mandat	tory	
	Undertaking that the firm is not blacklisted and involved in litigation with Government	Manda	atory	
	Financial Audit Report / Bank	1-2 million	70 Points	
Financial	statements / Client's Work Orders/ any supporting document	3-4 million	85 Points	_
strength	(Max Points 100) (last 01-year)	5+ million	100 Points	
Satisfied		1-2	70 Points	
Customers	Total No. of Satisfied Customers (list & Satisfaction letter of Customers required) (Max Points 100)	3-5	80 Points	
		5-10	90 Points	
		10+	100 Points	
Country of Origin of principal manufacturer	Country of Origin/make of the Material which will use for manufacturing of the items.	Max (30 Points)	30-USA 20-EU/Japan 10-China Region 05-Other	
Proposed Items/ Tech. Compliance	Technical Compliance sheet and local support office/staff.	Max (10 Points)	10 Points	
Office Location	Office in Lahore	Max (10 Points)	10 Points	

Correction of errors / Amendment of Tender

- 20.1 The Tender shall be checked for any arithmetic errors which shall be rectified, as follows:
- 20.1.1 if there is a discrepancy between the amount in figures and the amount in words for the Total Tender Price entered in the Tender Form, the amount which tallies with the Total Tender Price entered in the Price Schedule, shall govern.
- 20.1.2 if there is a discrepancy between the unit rate and the total price entered in the price Schedule, resulting from incorrect multiplication of the unit rate by the quantity, the unit rate as quoted shall govern and the total price shall be corrected, unless there is an obvious and gross misplacement of the decimal point in the unit rate, in which case the total price as quoted shall govern and the unit rate shall be corrected.
- 20.1.3 if there is a discrepancy in the actual sum of the itemized total prices and the total tender price quoted in the Price Schedule, the actual sum of the itemized total prices shall govern.
- 20.2 The Tender price as determined after arithmetic corrections shall be termed as the Corrected Total Tender Price which shall be binding upon the Tenderer.
- 20.3 Adjustment shall be based on corrected Tender Prices. The price determined after making such adjustments shall be termed as Evaluated Total Tender Price.
- 20.4 The cost of making good any deficiency resulting from any acceptable, quantifiable variations and deviations from the terms and conditions of the Contract / Technical Specifications, shall be added to the corrected Tender Price for comparison purposes only. No credit shall be given for offering delivery period earlier than the specified period.
- 20.5 The Tenderer shall state the Tender Price for the payment terms outlined in the Conditions of Contract which will be considered for the evaluation of the Tender. The Tenderer may state alternate payment terms and indicate the reduction in the Tender price offered for such alternative payment terms. The Purchaser may consider the alternative payment terms offered by the Tenderer.
- 20.6 The Tenderers may offer discounts for items which shall be taken into account in the evaluation of the Tenders so as to determine the Tender offering the lowest evaluated cost for the Purchaser in deciding award(s) for whole tender.

Rejection / Acceptance of the Tender

- 21.1 The Purchaser shall have the right, at his exclusive discretion, to increase / decrease the quantity of any or all item(s) without any change in unit prices or other terms and conditions,
- Accept a Tender reject any or all tender(s), cancel / annul the Tendering process at any time prior to award of Contract, without assigning any reason or any obligation to inform the Tenderer of the grounds for the Purchaser's action, and without thereby incurring any liability to the Tenderer and the decision of the Purchaser shall be final.
- 21.3 The Tender shall be rejected if it is:
- 21.3.1 Substantially non-responsive; or
- 21.3.2 Submitted in other than prescribed forms, annexes, schedules, charts, drawings, documents / by other than specified mode; or
- 21.3.3 Incomplete, un-sealed, un-signed, printed (hand written), partial, conditional, alternative, late; or
- 21.3.4 Subjected to interlineations / cuttings / corrections / erasures / overwriting; or
- 21.3.5 The Tenderer refuses to accept the corrected Total Tender Price; or
- 21.3.6 The Tenderer has conflict of interest with the Purchaser; or
- 21.3.7 The Tenderer tries to influence the Tender evaluation / Contract award; or

- 21.3.8 The Tenderer engages in corrupt or fraudulent practices in competing for the Contract award.
- 21.4 There is any discrepancy between bidding documents and bidder's proposal i.e. any non-conformity or inconsistency or informality or irregularity in the submitted bid.
- 21.5 The Tenderer submits any financial conditions as part of its bid which are not in conformity with tender document.

Acceptance Letter (Letter of Intent)

The Purchaser shall, send the Acceptance Letter (Letter of Intent) to the successful Tenderer, prior to the expiry of the validity period of the Tender, which shall constitute a contract, until execution of the formal Contract.

TERMS & CONDITIONS OF THE CONTRACT

Contract Title:

Contract for the

PURCHASE OF MISC. HARDWARE & SOFTWARE

Between

Punjab Forensic Science Agency (PFSA)

And

[Name of Contractor]

Dated:

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- o Waiver
- o **Documentation**
 - Technical Specifications and FORMATS

Agreement

This CONTRACT AGREEMENT (this "Contract") made as of the **[day]** of **[month]**, **[year]**, between **[full legal name of the Purchaser]** (the "Purchaser"), on the one part,

and

[full legal name of Contractor], on the other part severally liable to the Purchaser for all of the Contractor's obligations under this Contract and is deemed to be included in any reference to the term "Contractor."

RECITALS

WHEREAS,

- (a) The Government through the Purchaser intends to spend a part of its budget / funds for making eligible payments under this contract. Payments made under this contract will be subject, in all respects, to the terms and conditions of the Contract in lieu of the consulting services as described in the contract.
- (b) The Purchaser has requested the Contractor to provide certain supply of Goods/items as described in Tender Document; and
- (c) The Contractor, having represented to the Purchaser that it has the required professional skills, and personnel and technical resources, has agreed to provide such services on the terms and conditions set forth in this Contract.

NOW THEREFORE, the Parties to this Contract agree as follows:

- 1. The Contractor hereby covenants with the Purchaser to supply the Goods and provide the Services and to remedy defects / damage therein, at the time and in the manner, in conformity in all respects with the provisions of the Contract, in consideration of the payments to be made by the Purchaser to the Contractor.
- 2. The Purchaser hereby covenants with the Contractor to pay the Contractor, the Contract Price or such other sum as may become payable, at the times and in the manner, in conformity in all respects with the provisions of the Contract, in consideration of supply of the Goods and provision of the Services and remedying of defects / damage therein.
- 3. The following shall be deemed to form and be read and construct as part of this Contract:
 - a. The Tender Document
 - **b.** Bidder's Proposal
 - c. Terms and Conditions of the Contract
 - **d.** Special Stipulations
 - e. The Technical Specifications

- **f.** Tender Form
- g. Price Schedule
- **h.** Affidavit(s)
- i. Authorized Dealership / Agency Certificate
- **j.** N/A
- k. Non-Disclosure Agreement (if required)
- 1. Any Standard Clause acceptable for Purchaser
- 4. This Contract shall prevail over all other documents. In the event of any discrepancy / inconsistency within the Contract, the above Documents shall prevail in the order listed above.

IN WITNESS whereof the Parties hereto have caused this Contract to be executed in accordance with the laws of **Pakistan** as of the day, month and year first indicated above.

For [full legal name of the Purchaser]:	For [full legal name of the Contractor]:
Signature	Signature
Name	Name
Witnessed By:	Witnessed By:
WITNESSES	
Signature	Signature
CNIC #	CNIC #
Name	Name
Designation	_ Designation
Address	Address

General Conditions of Contract

Contract Documents and Information

The Contractor shall not, without the Purchaser's prior written consent, make use of the Contract, or any provision thereof, or any document(s), specifications, drawing(s), pattern(s), sample(s) or information furnished by or on behalf of the Purchaser in connection therewith, except for purposes of performing the Contract or disclose the same to any person other than a person employed by the Contractor in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

Contract Language

The Contract and all documents relating to the Contract, exchanged between the Contractor and the Purchaser, shall be in English. The Contractor shall bear all costs of translation to English and all risks of the accuracy of such translation.

Standards

The Goods supplied and the Services provided under this Contract shall conform to the authoritative latest industry standards.

Commercial Availability

The Goods supplied under this Contract shall be commercially available at the time of signing of the contract. Commercial availability means that such Goods shall have been sold, installed and operational in more than two installations initiated under two separate contracts by manufacturer globally.

Patent Right

The Contractor shall indemnify and hold the Purchaser harmless against all third party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods / the Service or any part thereof.

Packing

-Packing as per original Manufacturer Standards

-The Contractor shall provide such packing of the Goods as is sufficient to prevent their damage or deterioration during storage / transit to their final destination as indicated in the Contract. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination and withstand, without limitation, rough handling, exposure to extreme temperatures, salt and precipitation at all points in storage / transit. The Contractor shall arrange and pay for the packing of the Goods to the place of destination as specified in the Contract, and the cost thereof shall be included in the Contract Price.

Insurance

The Contractor shall provide such insurance of the Goods as is sufficient to protect against their damage or deterioration during storage / transit to their final destination as indicated in the Contract. The Contractor shall arrange and pay for the insurance of the Goods to the place of destination as specified in the Contract, and the cost thereof shall be included in the Contract Price.

Labeling

The Goods supplied under the Contract, shall be clearly labeled so as to correspond with the delivered documentation, with proper labeling scheme provided by the Client. All networking equipment, cables, connectors, ports, boxes shall be clearly labeled.

Delivery

- The Service shall remain at the risk and under the physical custody of the Contractor until the delivery and testing of the Goods is completed.
- The Contractor shall ensure that the Goods shall be delivered complete to enable the testing and training to proceed without interruption. If it shall appear to the Client that the Goods have been or are likely to be delayed by reason of incomplete delivery or for any other reasons, he may require the Contractor at the expense of the Contractor to dispatch the missing items of the Goods or suitable replacements thereof to the site of delivery by the fastest available means including air freight.
- The Contractor shall include in the Tender a detailed logistics plan which shall include support details for transportation, mobilization and personnel scheduling during project implementation and the warranty period. The Contractor shall provide maintenance, supply and procurement support necessary for Client to maintain all system, at the contracted performance and reliability level. The Contractor shall arrange and pay for the transport of the Goods to the place of destination as specified in the Contract, and the cost thereof shall be included in the Contract Price.

Safety

- The Contractor shall be responsible for the embedding of safety features in the inherent design of the equipment, for elimination of identified hazards, including but not limited to high voltage, electromagnetic radiation, sharp points and edges, etc., and reduction of associated risk to personnel and equipment.
- The Contractor shall be responsible for the addition of bilingual warnings and caution notices, where hazards cannot be eliminated or risks cannot be reduced.
- The Contractor shall be responsible for the protection of the power sources, controls, and critical components of the redundant systems and subsystems by shielding or physical separation when possible.

Inspection

- The Client shall inspect and test the Goods supplied, the Services provided or the Works carried out, under the Contract, to verify their conformity to the Technical Specifications.
- The inspections and tests shall be conducted at the premises of the Contractor / its subcontractor(s) / at the final destination. Where conducted at the premises of the Contractor / its subcontractor(s), the Contractor / its subcontractor(s) shall provide all-reasonable facilities and assistance, including access to drawings, production data and online verification from official web site of the Manufacture, to the inspectors, at no charge to the Purchaser.
- The Purchaser may reject the Goods, the Services or the Works if they fail to conform to the Technical Specifications, in any test(s) or inspection(s) and the Contractor shall either replace the rejected Goods, Services or Works or make all alterations necessary to meet the Technical Specifications, within three working days, free of cost to the Purchaser.
- The Purchaser's post-delivery right to inspect, test and, where necessary, reject the Goods shall in no way be limited or waived by reason of pre-delivery inspection, testing or passing of the Goods.

Taking-Over Certificate

- The Contractor shall, by written notice served on the Client with a copy to the Purchaser, apply for a Taking-Over Certificate.
- The Client shall, within seven days of receipt of Contractor's application, either issue the Taking-Over Certificate to the Contractor with a copy to the Purchaser, stating the date of successful inspection / testing of the Goods or any portion thereof, for their intended purposes; or reject the application giving the reasons and specifying the work required to be done by the Contractor to enable the Taking-Over Certificate to be issued.

Ownership of Goods and Replaced Components

Goods to be supplied to the Purchaser, pursuant to the Contract, shall become the property of the Purchaser when the Goods are taken over by the Purchaser. Defective components to be replaced by the Contractor, pursuant to the Contract, shall become the property of the Contractor as and where it lies.

Payment

PAYMENT SCHEDULE:

Sr. #	DESCRIPTION	PAYMENT
1	Letter of Credit	100% of total cost in US\$ or other currency

The Contractor shall submit an Application for Payment, in the prescribed form, to the Client. The Application for Payment shall: be accompanied by such invoices, receipts or other documentary evidence as the Client may require; state the amount claimed; and set forth in detail, in the order of the Price Schedule, particulars of the Goods supplied, the Services provided and the Works done, up to the date of the Application for Payment and subsequent to the period covered by the last preceding Certificate of Payment, if any.

Price

The Contractor shall not charge prices for the Goods supplied, the Services provided and for other obligations discharged, under the Contract, varying from the prices quoted by the Contractor in the Price Schedule.

The Freight charges shall not be added separately, it must be added in unit price.

Stamp Papers for the contract Signing

As per Section 22(A)(b) of Schedule –I, Stamp Act 1899 read with Finance Act 1995(Act-IV of 1995) Government of the Punjab, The Contractor shall provide 'stamp papers/Stamp Duty' worth of 0.25% of the total contract/Purchase Order Value for the signing of Contract to the PFSA.

Contract Amendment

- The Purchaser may, at any time, by written notice served on the Contractor, alter, amend, omit, increase, decrease or otherwise change the nature, quality, quantity and scope, of all / any of the Goods / the Services / the Works, in whole or in part.
- The Contractor shall, within ten working days of receipt of such notice, submit a cost estimate and execution schedule of the proposed change (hereinafter referred to as the Change), to the Purchaser.
- The Contractor shall not execute the Change until and unless the Purchaser has allowed the said

- Change, by written order served on the Contractor with a copy to the Client.
- The Change, mutually agreed upon, shall constitute part of the obligations under this Contract, and the provisions of the Contract shall apply to the said Change.
- No variation in or modification in the Contract shall be made, except by written amendment signed by both the Purchaser and the Contractor.

Assignment / Subcontract

- The Contractor shall not assign or sub-contract its obligations under the Contract, in whole or in part, except with the Purchaser's prior written consent.
- The Contractor shall guarantee that any and all assignees / subcontractors of the Contractor shall, for performance of any part / whole of the work under the contract, comply fully with the terms and conditions of the Contract applicable to such part / whole of the work under the contract.

Extensions in time for performance of obligations under the Contract

If the Contractor encounters conditions impeding timely performance of any of the obligations, under the Contract, at any time, the Contractor shall, by written notice served on the Purchaser with a copy to the Client, promptly indicate the facts of the delay, its likely duration and its cause(s). As soon as practicable after receipt of such notice, the Purchaser shall evaluate the situation and may, at its exclusive discretion, without prejudice to any other remedy it may have, by written order served on the Contractor with a copy to the Client, extend the Contractor's time for performance of its obligations under the Contract.

Liquidated Damages

If the Contractor fails / delays in performance of any of the obligations, under the Contract / violates any of the provisions of the Contract / commits breach of any of the terms and conditions of the Contract the Purchaser may, without prejudice to any other right of action / remedy it may have, deduct from the Contract Price, as liquidated damages, a sum of money @0.25% of the Contract Price which is attributable to such part of the Goods / the Services / the Works as cannot, in consequence of the failure / delay, be put to the intended use, for every day between the scheduled delivery date(s), with any extension of time thereof granted by the Purchaser, and the actual delivery date(s). Provided that the amount so deducted shall not exceed, in the aggregate, 50% of the Contract Price.

Blacklisting

- If the Contractor fails / delays in performance of any of the obligations, under the Contract / violates any of the provisions of the Contract / commits breach of any of the terms and conditions of the Contract the Purchaser may, at any time, without prejudice to any other right of action / remedy it may have, blacklist the Contractor, either indefinitely or for a stated period, for future tenders in public sector.
- If the Contractor is found to have engaged in corrupt or fraudulent practices in competing for the award of contract or during the execution of the contract, the Purchaser may, at any time, without prejudice to any other right of action / remedy it may have, blacklist the Contractor, either indefinitely or for a stated period, for future tenders in public sector.

Termination for Default

If the Contractor fails / delays in performance of any of the obligations, under the Contract / violates any of the provisions of the Contract / commits breach of any of the terms and conditions of the Contract the Purchaser may, at any time, without prejudice to any other right of action / remedy it may have, by written notice served on the Contractor with a copy to the Client, indicate the nature of the default(s) and terminate the Contract, in whole or in part, without any compensation to the

- Contractor. Provided that the termination of the Contract shall be resorted to only if the Contractor does not cure its failure / delay, within fifteen working days (or such longer period as the Client may allow in writing), after receipt of such notice.
- If the Purchaser terminates the Contract for default, in whole or in part, the Purchaser may procure, upon such terms and conditions and in such manner as it deems appropriate, Goods / Services / Works, similar to those undelivered, and the Contractor shall be liable to the Purchaser for any excess costs for such similar Goods / Services / Works. However, the Contractor shall continue performance of the Contract to the extent not terminated.

Termination for Insolvency

If the Contractor becomes bankrupt or otherwise insolvent, the Purchaser may, at any time, without prejudice to any other right of action / remedy it may have, by written notice served on the Contractor with a copy to the Client, indicate the nature of the insolvency and terminate the Contract, in whole or in part, without any compensation to the Contractor.

Termination for Convenience

- The Purchaser may, at any time, by written notice served on the Contractor with a copy to the Client, terminate the Contract, in whole or in part, for its convenience, without any compensation to the Contractor.
- The Goods and the Services which are complete or to be completed by the Contractor, within thirty working days after the receipt of such notice, shall be accepted by the Purchaser. For the remaining Goods, the Purchaser may elect:
 - to have any portion thereof completed and delivered; and/or
 - to cancel the remainder and pay to the Contractor an agreed amount for partially completed Goods, Services, Works and materials / parts previously procured by the Contractor for the purpose of the Contract, together with a reasonable allowance for overhead & profit.

Force Majeure

- The Contractor shall not be liable for liquidated damages, blacklisting for future tenders, termination for default, if and to the extent his failure / delay in performance /discharge of obligations under the Contract is the result of an event of Force Majeure.
- If a Force Majeure situation arises, the Contractor shall, by written notice served on the Purchaser with a copy to the Client, indicate such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Contractor shall continue to perform under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

Dispute Resolution

The Purchaser and the Contractor shall make every effort to amicably resolve, by direct informal negotiation, any disagreement or dispute arising between them under or in connection with the Contract.

• If, after thirty working days, from the commencement of such informal negotiations, the Purchaser and the Contractor have been unable to amicably resolve a Contract dispute, either party may, require that the dispute be referred for resolution by arbitration under the Pakistan Arbitration Act, 1940, as amended, by one or more arbitrators selected in accordance with said Law. The place for arbitration shall be Lahore, Pakistan. The award shall be final and binding on the parties.

Statutes and Regulations

- The Contract shall be governed by and interpreted in accordance with the laws of Pakistan.
- The Contractor shall, in all matters arising in the performance of the Contract, conform, in all
 respects, with the provisions of all Central, Provincial and Local Laws, Statutes, Regulations and
 By-Laws in force in Pakistan, and shall give all notices and pay all fees required to be given or paid
 and shall keep the Purchaser indemnified against all penalties and liability of any kind for breach of
 any of the same.
- The Courts at Lahore shall have the exclusive territorial jurisdiction in respect of any dispute or difference of any kind arising out of or in connection with the Contract.

Contract Cost

The Contractor shall bear all costs / expenses associated with the preparation of the Contract and the Purchaser shall in no case be responsible / liable for those costs / expenses.

The Client

- The Client shall only carry out such duties and exercise such authority as specified in the Contract. The Client shall have no authority to relieve the Contractor of any of his obligations under the Contract, except as expressly stated in the Contract.
- The Contractor shall proceed with the decisions, instructions or approvals given by the Client in accordance with these Conditions.
- The Client shall conform with all the relevant clauses of this Tender Document to carry out all responsibilities assigned thereto in a timely manner.

Authorized Representative

- The Purchaser, the Client or the Contractor may, at their exclusive discretion, appoint their Authorized Representative and may, from time to time, delegate any / all of the duties / authority, vested in them, to their authorized Representative(s), including but not limited to, signing on their behalf to legally bind them, and may, at any time, revoke such delegation.
- The Authorized Representative shall only carry out such duties and exercise such authority as may be delegated to him, by the Purchaser, the Client or the Contractor.
- Any such delegation or revocation shall be in writing and shall not take effect until notified to the other parties to the Contract.
- Any decision, instruction or approval given by the Authorized Representative, in accordance with such delegation, shall have the same effect as though it had been given by the Principal.
- Notwithstanding Clause 65.4, any failure of the Authorized Representative to disapprove any Goods or Services or Works shall not prejudice the right of the Client to disapprove such Goods or Services or Works and to give instructions for the rectification thereof.
- If the Contractor questions any decision or instruction of the Authorized Representative of the Purchaser / the Client, the Contractor may refer the matter to the Purchaser / the Client who shall confirm, reverse or vary such decision or instruction.

Waiver

Failure of either party to insist upon strict performance of the obligations of the other party, under the Contract, shall in no way be deemed or construed to affect in any way the right of that party to require such performance.

Special Stipulations

SCHEDULE-A, SPECIAL STIPULATIONS

For ease of Reference, certain special stipulations are as under:

Liquidated damages for failure / delay in supply / installation / configuration of Goods / Services / Works by the Contractor Liquidated damages shall be levied @ 0.25% of the Contract Price which is attributable to such part of the Goods / the Services / the Works as cannot, in consequence of the failure / delay, be put to the intended use, for every day between the scheduled delivery date(s), with any extension of time thereof granted by the Purchaser, and the actual delivery date(s). Provided that the amount so deducted shall not exceed, in the aggregate, 50% of the Contract Price. (This penalty will also be invoked on the commitments given by the Contractor in the technical proposal)

Technical Proposal Submission Form

[Location, Date]

To _(Name and address of Client / Purchaser)_

Dear Sir,

We, the undersigned, offer to provide the _(insert title of assignment)_ in accordance with your Request for Proposal/Tender Document dated _(insert date)_ and our Proposal. We are hereby submitting our Proposal, which includes the Technical Proposal and the Financial Proposal sealed in two separate envelopes.

We undertake, if our Proposal is accepted, to provide supply of _____related to the assignment.

We also confirm that the Government of Pakistan / Punjab has not declared us, or any, ineligible on charges of engaging in corrupt, fraudulent, collusive or coercive practices. We furthermore, pledge not to indulge in such practices in competing for or in executing the Contract, and we are aware of the relevant provisions of the Proposal Document.

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature

(In full and initials)

Name and Designation of Signatory

Name of Firm

Address

Annexure-B

<u>Financial Proposal Submission Form (Part of Financial Bid Envelope)</u>
[Location, Date]
To(Name and address of Client / Purchaser)
Dear Sir,
We, the undersigned, offer to provide the _(Insert title of assignment)_ in accordance with
your Request for Proposal dated _(insert date)_ and our Technical Proposal. Our attached Financial
Proposal is for the sum of _(insert amount in words and figures)
Our Financial Proposal shall be binding upon us subject to the modifications resulting from
Contract negotiations, up to expiration of the validity period of the Proposal, i.e. before the date
indicated in of the Proposal Data Sheet.
We also declare that the Government of Pakistan / Punjab has not declared us or any Sub-
Contractors for any part of the Contract, ineligible on charges of engaging in corrupt, fraudulent,
collusive, or coercive practices. We furthermore, pledge not to indulge in such practices in competing
for or in executing the Contract, and are aware of the relevant provisions of the Proposal Document.
We understand you are not bound to accept any Proposal you receive.
Signed

Duly authorized to sign the proposal on behalf of the Applicant.

In the capacity of:

Date:

Price Schedule/ Financial Cost Sheet

Must be filled separately

S.	Item	Price per unit	Total Cost (No. of units X unit cost) in US\$
No.	Description	(C&F US\$)	

Total Cost (in words).	_	
Date		
Place		
		Signature of authorized person
		Name:
	(Company Seal)	
In the capacity of		
Dully authority by		

Note: No cutting or overwriting is allowed. Any cutting or overwriting will lead to rejection of the financial bid.

Format for Covering Letter

То	(Name and address of Purchaser)
Sub:	·
Dear S	ir,
a)	Having examined the tender document and Appendixes we, the undersigned, in conformity with the said document, offer to provide the said items on terms of reference to be signed
	upon the award of contract for the sum indicated as per financial bid.
b)	We undertake, if our proposal is accepted, to provide the items/services comprise in the contract within time frame specified, starting from the date of receipt of notification of award from the client Department / Office.
c)	We agree to abide by this proposal for the period of days (as per requirement of the project) from the date of bid opening and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
d)	We agree to execute a contract in the form to be communicated by the _(insert name of the Purchaser)_, incorporating all agreements with such alterations or additions thereto as may be necessary to adapt such agreement to the circumstances of the standard.
e)	Unless and until a formal agreement is prepared and executed this proposal together with your written acceptance thereof shall constitute a binding contract agreement.
f)	We understand that you are not bound to accept a lowest or any bid you may receive, not to give any reason for rejection of any bid and that you will not defray any expenses incurred by us in biding.
g)	We would like to clearly state that we qualify for this work as our company meets all the pre- F criteria indicated on your tender document. The details are as under:

Authorized Signatures with Official Seal

INSTRUCTION FOR PREPARATION OF POWER OF ATTORNEY

Endorsed

- a) To be executed by an authorized representative of the bidder.
- **b)** The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants and when it is so required the same should be under common seal affixed in accordance with the required procedure.
- c) Also, wherever required, the Bidder should submit for verification the extract of the charter documents and documents such as a resolution/power of attorney in favor of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the Bidder.
- **d)** In case the Application is signed by an authorized Director / Partner or Proprietor of the Applicant, a certified copy of the appropriate resolution / document conveying such authority may be enclosed in lieu of the Power of Attorney.

Format of Power-of-Attorney

POWER OF ATTORNEY

(On Stamp Paper of relevant value)

Know all men by these presents, we (name of the company and address of the registered office) do hereby appoint and authorize Mr. (full name and residential address) who is presently employed with us and holding the position of as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our proposal for (name of the project) in response to the tenders invited by the (name of the Purchaser) including signing and submission of all documents and providing information/responses to (name of the Purchaser) in all matters in connection with our Bid.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

Dated this day of	20
For	
(Signature)	
(Signature)	
(Name, Designation and Address)	
Accepted	
(Signature)	
(Name, Title and Address of the Attorney)	
Date:	

UNDERTAKING

It is certified that the information furnished here in and as per the document submitted is true and correct and nothing has been concealed or tampered with. We have gone through all the conditions of tender and is liable to any punitive action for furnishing false information / documents.

Dated this day of	20	
Signature		
	(Company Seal)	
In the capacity of		
Duly authorized to sign bids for a	nd on behalf of:	

AFFIDAVIT

Integrity Pact

We _(Name of the bidder / supplier)_ being the first duly sworn on oath submit, that Mr. / Ms.
(if participating through agent / representative) is the agent / representative duly authorized
by _(Name of the bidder company)_ hereinafter called the Contractor to submit the attached bid to the
_(Name of the Purchaser) Affiant further states that the said M/s (Bidding Firm/Company Name)
has not paid, given or donate or agreed to pay, given or donate to any line officer or employee of the
(Name of the Purchaser) any money or thing of value, either directly or indirectly, for special
consideration in the letting of the contract, or for giving undue advantage to any of the bidder in the
bidding and in the evaluation and selection of the bidder for contract or for refraining from properly
and thoroughly maintaining projects implementations, reporting violation of the contract specification
or other forms of non-compliance.
Signature & Stamp Subscribed and sworn to me this day of 20
Notary Public

SCHEDULE OF REQUIREMENTS / TENDER SPECIFICATIONS

Item No.	Equipment Name	Qty
01	Computerized Polygraph System	02
<u> </u>		<u> </u>
	Specification:-	1
Required S	pecification	Compliance Yes / Not
Size: 7 3/8"	W x 2 3/4" D x 1 3/8" H (20Cm x 6.98cm x 3.49cm)	
Weight: 0.52		
	ements: Receives all required power through USB connection	
Transfer rate	: up to 360 samples per second / channel	
Resolution: 2	24-bit analog to digital conversion	
Temperature		
Operating: 3	2 to 125°F (0 to 52°C)	
Storage: -40	to 150°F (-40 to 66°C)	
	nidity: 20% to 80% Non-condensating	
Best in indus	try UL 94 V-0 rated, ASTM tested, PVC / Acrylic material, delivering	
exceptional i	mpact resistance, extreme durability and inclusion-free surface quality	
Item No.	Equipment Name	04
	Equipment Name	Qty
02	Cardio Bulb & Cuff	02
Technical S	Specification:-	
	pecification	Compliance
required	poemention	Yes / Not
0 to 140 mm	hg, Fits arms 23-35 cm in circumference, 18-26cm in circumference	16571100
0 to 140 mm	ig, Fits arms 23-33 cm in circumference, 18-20cm in circumference	
Item No.	Equipment Name	Qty
03	Pneumo Assembly	02
T. 1 1.0	Y • (0	•
	Specification:-	
	nocitiontion	Compliance
Required S	pecification	Compliance Veg / Not
•		Compliance Yes / Not
-	wer chest assembly w / extended pressure range	-
Upper and lo	wer chest assembly w / extended pressure range	Yes / Not
•	wer chest assembly w / extended pressure range Equipment Name	-
Upper and lo	wer chest assembly w / extended pressure range Equipment Name Activity Sensor (Foot & Seat)	Yes / Not Qty
Upper and lo Item No. 04 Technical S	wer chest assembly w / extended pressure range Equipment Name Activity Sensor (Foot & Seat) Specification:-	Yes / Not Qty 02
Upper and lo Item No. 04 Technical S	wer chest assembly w / extended pressure range Equipment Name Activity Sensor (Foot & Seat)	Yes / Not Qty 02 Compliance
Upper and lo Item No. 04 Technical S Required S	Equipment Name Activity Sensor (Foot & Seat) Specification:- pecification	Yes / Not Qty 02
Upper and lo Item No. 04 Technical S	Equipment Name Activity Sensor (Foot & Seat) Specification:- pecification	Yes / Not Qty 02 Compliance
Upper and lo Item No. 04 Technical S Required S	Equipment Name Activity Sensor (Foot & Seat) Specification:- pecification	Qty 02 Compliance Yes / Not
Item No. 04 Technical S Required S 0 to 4V analo	Equipment Name Activity Sensor (Foot & Seat) Specification:- pecification Equipment Name Equipment Name	Qty 02 Compliance Yes / Not Qty
Upper and lo Item No. 04 Technical S Required S 0 to 4V analo Item No. 05	Equipment Name Activity Sensor (Foot & Seat) Specification: og input Equipment Name Equipment Name EDA Finger Electrode	Qty 02 Compliance Yes / Not
Item No. 04 Technical S Required S 0 to 4V analo Item No. 05 Technical S	Equipment Name Activity Sensor (Foot & Seat) Specification: og input Equipment Name Equipment Name EDA Finger Electrode Specification:-	Qty 02 Compliance Yes / Not Qty 02
Item No. 04 Technical S Required S 0 to 4V analo Item No. 05 Technical S	Equipment Name Activity Sensor (Foot & Seat) Specification: og input Equipment Name Equipment Name EDA Finger Electrode	Qty 02 Compliance Yes / Not Qty 02 Compliance Of the compliance Of the compliance Compliance
Item No. 04 Technical S Required S 0 to 4V analo Item No. 05 Technical S	Equipment Name Activity Sensor (Foot & Seat) Specification: og input Equipment Name Equipment Name EDA Finger Electrode Specification:-	Qty 02 Compliance Yes / Not Qty 02
Item No. 04 Technical S Required S 0 to 4V analo Item No. 05 Technical S Required S	Equipment Name Activity Sensor (Foot & Seat) Specification: pecification Equipment Name Equipment Name EDA Finger Electrode Specification: pecification:	Qty 02 Compliance Yes / Not Qty 02 Compliance Of the compliance Of the compliance Compliance
Item No. 04 Technical S Required S 0 to 4V analo Item No. 05 Technical S Required S	wer chest assembly w / extended pressure range Equipment Name Activity Sensor (Foot & Seat) Specification: pecification Equipment Name EDA Finger Electrode Specification: pecification: onstant current, range of $10 \text{ k}\Omega$ to 2.3 M of $5 \text{ K}\Omega$ to $4.0 \text{ M}\Omega$	Qty 02 Compliance Yes / Not Qty 02 Compliance Of the compliance Of the compliance Compliance

Item No.	Equipment Name	Qty
06	EDA disposable sensor	02

Required Specification	Compliance Yes / Not
Pre-gelled, hypoallergenic, latex free disposable electrodes	

Item No.	Equipment Name	Qty
07	Finger Cuff	02

Technical Specification:-

- common speciment	
Required Specification	Compliance Yes / Not
PPG finger clip: 0.47 second time constant, 635 nm	

Item No.	Equipment Name	Qty
08	CAMERA FOR CASE WORK	06

Technical Specification:-

Required Specification	Compliance
	Yes / Not
Megapixels: 16.0 million Low-light CMOS Sensor	
Sensor Size ½.3 in.	
Zoom: 38x Zoom ED Glass Lens	
Monitor Size: 3.0 in. diagonal with 921,000-dot Tilt LCD	
Monitor Type: TFT-LCD adjustment WITH	
Anti-reflection coating	
6-level brightness ad	
Storage Media: SD memory card	
SDHC memory card	
SDXC memory card	
ISO Sensitivity: ISO 12 – 1600	
ISO 3200, 6400 (with Auto mode)	
Continuous Shooting Speed at full resolution: Up to 7 shots at approx	
7.4 frames per second	
Connectivity Wi-Fi and NFC	
Battery Options: AA (Alkaline, NiMH, Oxyride or Lithium)	
Four LR6/L40 (AA-size) alkaline batteries	
Four FR6/L91 (AA-size) lithium batteries	
Four EN-MH2 rechargeable Ni-MH batteries	

Item No.	Equipment Name	Qty
09	SAFETY GOOGLES FOR LASER (RED)	10

Required Specification	Compliance Yes / Not
Wraparound Goggles that allow you to use the Alternate Light Sources/Laser	

p	on. RED Color	
Item No.	Equipment Name	Otv

SAFETY GOOGLES (ORANGE)

Technical Specification:-

10

Required Specification	Compliance Yes / Not
The Fit-Over-Frame Goggle should be comfortable, lightweight, and durable	
black rubberized nylon frame that is designed to fit over prescription eyewear,	
fit over almost any style of glasses with comfort Orange Color	

Item No.	Equipment Name	Qty
11	SAFETY GOOGLES (RED)	12

Technical Specification:-

Required Specification	Compliance Yes / Not
The Fit-Over-Frame Goggle should be comfortable, lightweight, and durable	
black rubberized nylon frame that is designed to fit over prescription eyewear,	
fit over almost any style of glasses with comfort RED COLOR	

Item No.	Equipment Name	Qty
12	LED TORCH LIGHT, WHITE	06

Technical Specification:-

Required Specification	Compliance Yes / Not
Flashlights made with aircraft-grade aluminum. They have spot-to-flood focus, sealed on/off buttons, krypton lamps and a stored replacement bulb	

Item No.	Equipment Name	Qty
13	Refrigerator	04

Technical Specification:-

Required Specification	Compliance Yes / Not
Capacity: 15 cft	
Type: Vertical	
Make: Local	
Temperature range: + 2°C to 4°C	
Door: Double	
Light: Light for refrigerators	
Compressor: Sealed Type	
Voltage: 220V	
Refrigeration System: Ozone Friendly	

12

COMPUTER & MOBILE FORENSIC HARDWARE

Item No.	Equipment Name	Qty
14	FORENSIC WORKSTATION	10

Technical Specification:-	
Required Specification	Compliance
	Yes / Not
Forensic Recovery of Evidence Device (FRED) Single	
RAID Configuration	
Intel® Core™ i7-6800K CPU (Hex Core Processor), 3.4	
GHz, 15MB Intel® Smart Cache [T1049]	
64GB (4x16GB) PC4-17000 DDR4 2133 MHz RAM [T2011]	
1 x 256 GB Solid State SATA III Drive – OS Drive [T3047] 3	
1 x 256 GB Solid State SATA III Drive – Temp/Cache/DB Drive [T3301]	
1 x 2.0 TB 7200 RPM SATA III Hard Drive – Data Drive installed in	
HotSwap Bay1 [T3007]	
Nvidia GTX 750Ti 2GB 128 bit DDR5 PCI-Express Video	
Card with 1 VGA (D-Dub), 1 HDMI, and 2 DVI ports	
- supports up 4 displays [T0016]	
Additional 22" WideScreen LCD Monitor with Built-in Speakers	
[T7000]	
Single RAID Chassis Option [T5109]	
12 Channel PCIe 12 Gb/s SAS/SATA RAID Controller Qty 1 - 5 bay RAID	
Chassis	
RAID Set #1	
2 TB 7200 RPM SATA III Hard Drive Set (Set of 5 Drives) [T3105]	
Windows 10 Professional (64 bit) [T0018]	
Other Operating System included:	
· SUSE Professional Linux (64 bit)	
System Restore Media – Bootable Blu-ray disc	
containing restore environment and factory	
configured operating system images	
Hardware Write Blocking:	
Digital Intelligence UltraBay 4d Hardware Write-	
Blocker with touch screen display:	
· Integrated IDE Drive Write Blocker	
· Integrated SATA Drive Write Blocker	
· Integrated SAS Drive Write Blocker	
· Integrated USB 3.0/2.0 Write Blocker	
· Integrated FireWire IEEE 1394b Write Blocker	
· Integrated PCIe Write Blocker	
· Write-Block and Read/Write visibility via Lock/Unlock LEDs	
· Read and write mode capabilities for all device ports controlled via front	
panel	
· Allows simultaneous imaging of 2 attached devices	
Digital Intelligence Forensic Media Card Reader –	
Read-Only and Read/Write switchable	
Detailed System Specifications:	
ATX Tower Case 12 x 5 ¹ / ₄ " Bays	

1100 Watt Modular power supply i7 Motherboard with Intel® X99 Chipset 7 PCI-Express 3.0(x16)Slots 8 ports Intel® 6 Gb/s SATA Controller 1 port Intel® SATA Express Controller (or 2 x SATA 6 Gb/s ports) 1 port ASMedia® SATA Express Controller (or 2 x SATA 6 Gb/s ports) 8 Channel High Definition Audio CODEC featuring Crystal Sound 2 2 RJ45 LAN ports (Intel® I210-AT, 1 x Gigabit LAN Intel® I218LM, 1 x Gigabit LAN Controllers) 2 eSATA 6 Gb/s ports - ASMedia® controller 2 USB 2.0 ports – Back Mounted 11 USB 3.0 ports - 8 Back Mounted, 3 Front Mounted 3 USB 3.1 ports – Back Mounted 1 USB 3.1 Type C port – Back Mounted 1 Write Blocked USB 3.0/2.0 port - Front Mounted 1 FireWire IEEE 1394b (800 MB/s) ports – Front Mounted(Write Blocked)) 2 x Shock Mounted SATA Removable Hard Drive Bays (IDE Capable) 3 x HotSwap Shock Mounted Universal (IDE/SATA compatible) Removable Hard Drive Bays BD-R/BD-RE/DVD±RW/CD±RW Blu-ray Burner Dual-Layer Combo Drive Extendable/Retractable Imaging Work shelf with integrated ventilation 103 key Keyboard and Mouse Combo – Wireless Toolbox containing: Adapters, Cables, Digital Camera, Security Screwdriver Set and OEM **Documents** Other Software included: Symantec Ghost, CD Authoring Software

Item No.	Equipment Name	Qty
15	MSAB OFFICE (1 YEAR LICENCE)	01

Technical Specification:-

Required Specification	Compliance Yes / Not
Operate on Windows based workstation	
SIM Card Reading	
Mobile Device Logical Examination	
Mobile Device Physical Examination	
GPS Device Physical Examination	
Memory Card Physical	
Triage Mode	
Hash Algorithms	

Item No.	Equipment Name	Qty
16	UFED TOUCH2 WITH UFED CAMERA (1 YEAR LICENCE)	01

Required Specification	Compliance Yes / Not
Physical extraction, decoding & bypassing pattern lock/password/PIN from	
Android OS	

Physical and file system extraction and decoding Android based OS	
Physical extraction from BlackBerry devices running OS 4-7	
Physical extraction and decoding from Windows phone devices running OS	
8.0-8.1	
Navigation trip-log decryption and data extraction from other portable GPS	
Easy-to-read report generator in a variety of formats using the UFED physical	
analyser	
Capturing images/videos of the device as evidence even when data is not	
extractable	
Adding images categories and description in the UFED to generate reports	

Item No.	Equipment Name	Qty
17	PC-3000 EXPRESS PROFESSIONAL	01

Required Specification	Compliance Yes / Not
PC 3000 UDMA System and Data Extractor UDMA	
Include:	
PC-3000 Express + Data Extractor Express	
6 port tester-board 4 SATA + 2 PATA	

Item No.	Equipment Name	Qty
18	SALVATIONDATA HEAD PLATTER EXCHANGE	01

Technical Specification:-

Required Specification	Compliance Yes / Not
HPE PRO	
Can handle head stack and drive motor	
Platter exchange technique to prevent head damage	
User data intact	

Item No.	Equipment Name	Qty
19	DIGITAL INTELLIGENCE FORENSIC DUPLICATOR 2U	02

Required Specification	Compliance Yes / Not
TD2u Forensic Duplicator	
Include:	
TP5 power supply with mini-fit adapters	
TC2-8-R2 3M to molex-4 power cable	
TC3-8 SATA single cable	
TC4-8-R2 Unified STA/SAS power + signal cable (3x)	
TC5-8-R2 3M power to SATA power cable	
TC6-8 IDE 80-ribbon conductor signal cable	
TC8 USB-A to mini-USB-B cable	

Micro fibre screen wipe	
Integrated Support for SuperSpeed USB 3.0 devices	
Forensic Image Suport for USB 3.0, SATA and SAS	
Colour LCD User Interface	

Item No.	Equipment Name	Qty
20	DIGITAL INTELLIGENCE READ WRITE ULTRABLOCK	05
	ESATA IDE-SATA	

Required Specification	Compliance Yes / Not
Tableau T35es-R2 eSATA	
IDE Drive Interface	
SATA Drive Interface	
IDE Drive Power (DC Out)	
SATA Drive Power (DC Out)	
HOST Connection	
Power (DC In)	

COMPUTER & MOBILE FORENSIC SOFTWARE

Item No.	Equipment Name	Qty
21	OXYGEN FORENSIC KIT DONGLE ENTERPRISE	01
	LICENCE (1 YEAR LICENCE)	

Technical Specification:-

Required Specification	Compliance Yes / Not
Rugged and Portable Forensic Lab	
Oxygen Forensic Extractor installed and configured	
Oxygen Driver installed and configured	
Oxygen images pack installed and configured	
Windows installed and configured	
Microsoft Bluetooth drivers installed and configured	
More than 200Gb to install any additional forensic software	

Item No.	Equipment Name	Qty
22	MOBILEEDIT FORENSIC EXPRESS (1 YEAR LICENCE)	01

Required Specification	Compliance
	Yes / Not
Extract all data from Mobile Phone	
Extract data includes deleted data, call history, contacts, text messages, multimedia messages, files, events, notes, passwords, skype, dropbox,	
facebook, whatsup, viber and many more	
Create forensic analysis reports	

Crack passwords with GPU acceleration	
Can be easily integrate with other tools	

Item No.	Equipment Name	Qty
23	ACCESSDATA'S FTK 6 SMS ONE YEAR WITH PRTK	05
	(1 YEAR LICENCE) (1 USER)	

Required Specification	Compliance
	Yes / Not
Collects and analyse any digital device or system	
Database driven with one shared case database	
Fast processing speed when searching and execute during analysis phase	
Capable of analysing the remote machine	
Visualization presentation of timelines and graphically relationship of interest	
in case	
Analyse the Internet Browser caches and Web-Based Email evidence	
Password Cracking and Recovery	

Item N	. Equipment Name	Qty
24	MAGNET IEF (1 YEAR LICENCE)	01

Technical Specification:-

Required Specification	Compliance Yes / Not
Integrate analysis of Evidence from multiple computers, smartphones and tablets	
Consolidate functionality of recovered evidences	

Item No.	Equipment Name	Qty
25	MAGNET ACCQUIRE (1 YEAR LICENCE)	01

Technical Specification:-

Required Specification	Compliance
	Yes / Not
Combines an intuitive user interface with fast extraction	
Maximise the quality of content/data which is extracted from smartphones	
and computers	
Log the activity of important events	

Item No.	Equipment Name	Qty
26	X-Ways Forensics (1 Year Licence)	01

Required Specification	Compliance Yes / Not
Disk cloning and imaging	

Ability to read partitioning and file system such as image files, ISO, VHD	
and NMDK images	
Built-in interpretation of JBOD, RAID 0, RAID 5, RAID 5EE and RAID 6	
systems, Linux software RAID, Windows dynamic disks and LVM2	
Support for FAT12, FAT16, FAT32, exFAT, TFAT, NTFS, Ext2, Ext3,	
Ext4, Next3, CDFS/ISO9660/Joliet, UDF	
Access to logical memory of running processes	
Mass hash calculation for files (Adler32, CRC32, MD4, ed2k, MD5, SHA-	
1, SHA-256, RipeMD-128, RipeMD-160, Tiger-128, Tiger-16, Tiger-192,	
Tiger Tree	
Runs under Windows FE, the forensically sound bootable Windows	
environment, e.g. for triage/preview, with limitations	

Item No.	Equipment Name	Qty
27	16 MP HIGH DEFINITION CCD CAMERA FOR CRIME SCOPE	01

Required Specification	Compliance
	Yes / Not
Must have Multi-wavelength Illumination system for intelligent forensic	
light source and capable of providing full spectrum lighting for IR-Vis-UV	
Internal Lamp must have 500Watt Xenon arc lamp	
UV-Vis Light must be two meter long, 8mm internal diameter liquid with	
steel re-inforced casting	
Total maximum output power at the end of two meter light must be	
approximately 20 watts of optical power	
Must indicate the Error messages and warnings.	
Front control panel must allow to select the band pass filter, filter and power	
tuning	
Must have the Windows based remote control software which can provide	
application control	
Must have automatic turn of functionality	
Must have automatic recognition of light guides and automatic light	
configuration. In addition, it must capable of protecting users from exposure	
to high intensity light	
Must have the light shuttering system	
Intelligent forensic light source must have the ability to locate and capture	
following	
Latent fingerprints, footprints, bloody finger fingerprints and blood patterns,	
fibers, powders stains, paint agents, lipstick residue, saliva, fire accelerant	
Contaminates such as greases, industrial chemicals and plant samples.	

Item No.	Equipment Name	Qty
28	BARRIER FILTER (IF590)	01

Required Specification	Compliance
	Yes / Not

Diameter compatible with item No. 27 (16MP High Definition CCD Camera	
for Crime scope)	

Item No.	Equipment Name	Qty
29	BARRIER FILTER (IF565)	01

Required Specification	Compliance Yes / Not
Diameter compatible with item No. 27 (16MP High Definition CCD Camera for Crime scope)	

Item No.	Equipment Name	Qty
30	BAG SCANNER	01

Required Specification	Compliance
• •	Yes / Not
X-Ray Inspection	
Tunnel Size: 100 x 100 cm, 39.4 x 39.4 In (W x H) or equivalent	
Dimension: 318.8 x 131.1 x 186.4 cm, 125.5 x 51.6 x 73.4 in (LxWxH),	
10.46' x 4.3' x 6.12' or equivalent	
Video: 17" Monitor	
Conveyor Speed: 9.4' / Sec or equivalent	
Pulling Weight: 150 kg or equivalent	
Auto soft operating system	
Touch pad (operator control)	
Guided conveyor belt system	
Reversible conveyor direction	
High low density stripping	
Organic / inorganic stripping	
Color; revers b/w imaging	
Interactive help screen	
128 x smart zoom or equivalent	
Adjustable zoom preview window	