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PAKISTAN SECURITY PRINTING CORPORATION (PVT.) LTD.

(Wholly Owned Subsidiary of State Bank of Pakistan)



INVITATION FOR BIDS (SINGLE STAGE - TWO ENVELOPE BASIS)

PSPC invites reputable manufacturers/suppliers to submit their bids for the supply of following on "F.O.B" basis: -

TENDER NO	DESCRIPTION	QTY.	TENDER DOCUMENTS SUBMISSION TIME & DATE	TENDER OPENING TIME & DATE	EARNEST MONEY	COST OF TENDER FORM
FP-3351	1. Supply of Nickle Electroplating bath with Complete Accessories	01 No.	Up to 11:00 AM on 04.02.2025	11:30 AM on 04.02.2025	2% of Total Bid Amount	Download from PSPC Website (Free of Cost)
	2. Hiring services for installation and testing commissioning of Nickle electroplating bath	01 JOB				
FP-3352	1. Supply of physical vapor depositing (PVD) machine along with accessories	01 No.				
	2. Hiring of services for installation and testing commissioning of physical vapor deposition (PVD) machine	01 JOB				
FP-3353	1. Supply of fully automatic standalone double side inspection machine for banknote printed sheets	01 No.				
	2. Installation, commissioning and training of fully automatic standalone double side inspection machine for	01 JOB				

PSPC Tender # FP-3353



BIDDING DOCUMENTS

For

***SUPPLY, INSTALLATION,
COMMISSIONING AND TRAINING OF
FULLY AUTOMATED STAND-ALONE
DOUBLE-SIDED INSPECTION
MACHINE FOR BANKNOTE PRINTED
SHEETS***

(Single Stage Two Envelope)

(In case of any contradiction between tender documents and BOQ / Technical specification, the terms & condition mentioned in BOQ / Technical specification will supersede)

Rule 23 of Public Procurement Rules requires procuring agencies to formulate bidding documents that shall be made available to the bidders immediately after the publication of the invitation to bid.

Document comprises of the Sections listed below:

PART-A – BIDDING PROCEDURE & REQUIREMENTS

Section I	Invitation to Bids
Section II	Instructions to Bidders (ITB)
Section III	Bid Data Sheet (BDS)
Section IV	Eligible Countries
Section V	Technical Specifications, Schedule of Requirements
Section VI	Standard Forms

PART-B – CONDITIONS OF CONTRACT AND CONTRACT FORMS

Section VII	General Conditions of Contract (GCC)
Section VIII	Special Conditions of Contract (SCC)
Section IX	Contract Forms
	Integrity Pact

Bidding Documents for SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS

PART-A – BIDDING PROCEDURE & REQUIREMENTS

Section I - Invitation to Bids

Section II- Instructions to Bidders (ITB)

This Section provides information to help Bidders prepare their Bids. Information is provided for the submission, opening, and evaluation of Bids and for the award of Contract.

Section III- Bid Data Sheet (BDS)

This Section includes provisions specific to procurement and to supplement Section-II, Instructions to Bidders.

Section IV - Eligible Countries

This Section contains information regarding eligible countries.

Section V - Technical Specifications, Schedule of Requirements

This Section includes the details of specifications for the goods and ancillary services to be procured and schedule of requirements.

Section VI - Standard Forms

This Section includes the standard forms for the Bid Submission, Price Schedules, and Bid Security etc. These forms are to be completed and submitted by the Bidder as part of Bid.

PART-B – CONDITIONS OF CONTRACT AND CONTRACT FORMS

Section VII - General Conditions of Contract (GCC)

This Section includes the general clauses to be applied in all the contracts.

Section VIII - Special Conditions of Contract (SCC)

This Section consists of Contract Specific general and special conditions.

Section IX - Contract Forms

This Section contains forms which, once completed, will become part of the Contract. The forms for

Performance Security will be submitted by the successful bidder to whom Letter of Acceptance is issued, before the award of contract.

Integrity Pact

The successful bidder shall be required to furnish Integrity Pact as per the attached format.

Checklist for Tender “Single Stage Two Envelop”

To ensure following condition should be complied before submitting the tender documents in PSPC.

		YES	NO
01.	Complete tender documents have been read thoroughly and understood.		
02.	Complete tender documents duly filled in and each page signed and stamp.		
03.	Separate sealed envelopes of Technical and Financial bid.		
04.	Financial element not mentioned in technical document.		
05.	Bid security exactly calculated as per percentage mentioned in tender. (02%)		
06.	Provision of sample, if mandatory.		
07.	Period of Bid validity is 90 days from bid opening date.		
08.	Delivery schedule and payment terms are agreed.		



PART-A

BIDDING PROCEDURE & REQUIREMENTS

SECTION I: INVITATION TO BIDS



PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd
(Wholly owned subsidiary of State Bank of Pakistan)

Invitation to Bids

Invitation on No. Tender # FP-3353

Date: 27 December, 2024

1. This Invitation to Bids follows the Procurement Advertisement (PA) No. *Tender # FP-3353* for the procurement of **SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS**.
2. The PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd (PSPC) has reserved the funds for the procurement planned during the financial year 2024-25. It is intended that part of the proceeds of the fund will be used to cover eligible payment under the contract for the procurement.
3. PSPC now invites sealed bids from eligible Manufacturer / Suppliers to acquire **SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS** that meet the following eligibility criteria:
 - a. *This invitation for Bids is open to all original Manufacturers / Authorized Agents / Supplier of Foreign manufacturers in Pakistan.*
 - b. *Bidders should not be under a declaration of ineligibility for corrupt and fraudulent practices issued by any Government (Federal, Provincial), a local body and international or a public sector organization.*
 - c. *In case of local agent, they must be registered with Income Tax and Sales Tax Department and must appear on the Active Tax Payers List of FBR.*
 - d. *Firms in litigation with the Employer shall not be permitted to participate in this process.*
 - e. *An affidavit (on non-judicial stamp paper) to the effect that the bidder has never been black-listed by any previous employer.*
 - f. *An affidavit (on non-judicial stamp paper) to the effect that all documents / particulars / information given with this qualification Documents are true.*
 - g. *An affidavit (on non-judicial stamp paper) to the effect that the bidder has never indulged in corrupt, fraudulent or collusive practice for procuring contracts.*

The bidders do not fulfill any of the above mandatory requirements shall not be considered for detailed evaluation and hence disqualified.

4. The bidding shall be conducted in line with the Single Stage Two Envelope Procedure of the Public Procurement Rules 2004 and any Regulations, Regulatory Guides, Procurement Guidelines or Instructions issued by the Authority (from time to time) and is open to all potential bidders.
5. All bids must be accompanied by a Bid Security in an acceptable form. The amount of Bid Security shall be **2%** of the total value of bid.
6. Tender documents containing the General Conditions of Contract including technical details / specification etc., are available on PSPC Pvt. Ltd website bidder (s) are required to download complete bid / tender documents and dropped in the tender box placed at P.S.P.C Pvt, Ltd. Factory main gate of Pakistan Security Printing Corporation Pvt, Ltd (PSPC) Factory, Jinnah Avenue Malir halt Karachi on or before above-mentioned date and time.

7. The original bid and tender documents, properly filled in (each page duly signed & stamped), and enclosed in sealed envelope(s), must be delivered at the office of the undersigned on or before **Tuesday, 04 February, 2025 11:00 AM**. The bids (technical part of the bids) will be opened same day at **11:30 AM** in public and in the presence of bidders' representatives who choose to attend the opening at the **Admin-1 PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd, Jinnah Avenue, Malir Halt, Karachi-Pakistan**.
8. Pre-bid meeting (**Physical / online**) will be held on **January 20, 2025 at 11:00 AM (PST)** at Rumi Hall, Pakistan Security Printing Corporation Pvt Ltd, Jinnah Avenue, Malir Halt, Karachi. For participation in pre-bid meeting, potential bidders can forward details of participant i.e. Name, CNIC No. & issue date, vehicle# etc. at least one day before the meeting at foreign.purchase@pspc.gov.pk . In case of online meeting request, zoom meeting link will be share with willing participant in reply of his/her email.
9. In case of any contradiction in BOQ and Tender document the BOQ will be considered as the primary document and it will be prevailed.

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(Purchase)
sd Pakistan Security Printing Corporation (Pvt.) Ltd.
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E-mail: muhammad.asad@pspc.gov.pk Website: www.pspc.gov.pk

**BIDDER DETAILS**

1.	BRIEF DESCRIPTION OF GOODS / JOBS & QUANTITY:	
2.	NAME OF BIDDER (Company / Manufacturer / Supplier)	
3.	ADDRESS	
4.	GST NO.	
5.	NTN NO.	
6.	NAME OF AUTHORIZED PERSON	
7.	DESIGNATION	
8.	TELEPHONE	
9.	FAX	
10.	CELL NO.	
11.	EMAIL ADDRESS	
12.	NAME & ADDRESS OF PRINCIPAL, IF ANY	
13.	PHONE NO. OF PRINCIPAL	

BID SUBMITTED BY

Company Seal _____

Signature _____

Date _____

Name _____

Designation _____

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SECTION II: INSTRUCTION TO BIDDERS (ITBs)

Section II. Instructions to Bidders (ITBs)

<u>A. Introduction</u>	
1. Scope of Application	1.1 The Procuring Agency (PA), as indicated in the Bid Data Sheet (BDS) invites Bids for the equipment and related services as specified in the BDS and Section V - Technical Specifications & Schedule of Requirements. The successful Bidders will be expected to supply and install the equipment within the specified period and timeline(s) as stated in the BDS.
2. Sources of Funds	2.1 Source of funds is referred in Clause-2 of Invitation to Bids.
3. Eligible Bidders	<p>3.1 A Bidder may be natural person, company or firm or public or semi-public agency of Pakistan or of any foreign country, or any combination of them with a formal existing agreement (on Judicial Papers) in the form of a joint venture, consortium, or association. In the case of a joint venture, consortium, or association, all members shall be jointly and severally liable for the execution of the Contract in accordance with the terms and conditions of the Contract. The joint venture, consortium, or association shall nominate a Lead Member as nominated in the BDS, who shall have the authority to conduct all business for and on behalf of any and all the members of the joint venture, consortium, or association during the Bidding process, and in case of award of contract, during the execution of contract.</p> <p>3.2 The appointment of Lead Member in the joint venture, consortium, or association shall be confirmed by submission of a valid Power of Attorney to the Procuring Agency.</p> <p>3.3 Verifiable copy of the agreement that forms a joint venture, consortium or association shall be required to be submitted as part of the Bid.</p> <p>3.4 Any bid submitted by the joint venture, consortium or association shall indicate the part of proposed contract to be performed by each party and each party shall be evaluated (or post qualified if required) with respect to its contribution only, and the responsibilities of each party shall not be substantially altered without prior written approval of the Procuring Agency and in line with any instructions issued by the Authority.</p> <p>3.5 The invitation for Bids is open to all prospective supplier, manufacturers or authorized agents/dealers subject to any</p>

	<p>provisions of incorporation or licensing by the respective national incorporating agency or statutory body established for that particular trade or business.</p> <p>3.6 Foreign Bidders must be locally registered with the appropriate national incorporating body or the statutory body, before participating in the national/international competitive tendering with the exception of such procurements made by the foreign missions of Pakistan. For such purpose the bidder must have to initiate the registration process before the bid submission and the necessary evidence shall be submitted to the procuring agency along with their bid, however, the final award will be subject to the complete registration process.</p> <p>3.7 A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidders may be considered to have a conflict of interest with one or more parties in this Bidding process, if they:</p> <ul style="list-style-type: none">a. are associated or have been associated in the past, directly or indirectly with a firm or any of its affiliates which have been engaged by the Procuring Agency to provide consulting services for the preparation of the design, specifications and other documents to be used for the procurement of goods and related services to be procured under this Invitation for Bids.b. have controlling shareholders in common; orc. receive or have received any direct or indirect subsidy from any of them; ord. have the same legal representative for purposes of this Bid; ore. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Agency regarding this Bidding process; orf. Submit more than one Bid in this Bidding process. <p>3.8 A Bidder may be ineligible if –</p> <ul style="list-style-type: none">a. he is declared bankrupt or, in the case of company or firm, insolvent;b. payments in favor of the Bidder is suspended in accordance with the judgment of a court of law other than a judgment declaring bankruptcy and resulting (in accordance with the national laws) in the total or partial loss of the right to administer and dispose of its property;c. legal proceedings are instituted against such Bidder involving an order suspending payments and which may result, in accordance with the national laws, in a declaration of bankruptcy or in any other situation entailing the total or
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	<p>partial loss of the right to administer and dispose of the property;</p> <p>d. the Bidder is convicted, by a final judgment, of any offence involving professional conduct;</p> <p>e. the Bidder is blacklisted and hence debarred due to involvement in corrupt and fraudulent practices, or performance failure or due to breach of bid securing declaration.</p> <p>f. The firm, supplier and contractor is blacklisted or debarred by a foreign country, international organization, or other foreign institutions for the period defined by them.</p> <p>3.9 Bidders shall provide to the Procuring Agency evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.</p> <p>3.10 Bidders shall provide such evidence of their continued eligibility to the satisfaction of the Procuring Agency, as the Procuring Agency shall reasonably request.</p> <p>3.11 Bidders shall submit proposals relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract amounting to the more than ten (10) percent of the Bid price is envisaged.</p>
<p>4. Eligible Goods and Related Services</p>	<p>4.1 All the goods and related services to be supplied under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such goods and services. For purpose of this Bid, ineligible countries are stated in the section-4 titled as “Eligible Countries”.</p> <p>4.2 For purposes of this Clause, “origin” means the place where the goods are mined, grown, cultivated, produced, manufactured, or processed, or through manufacture, procession, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its imported components or the place from where the related services are/to be supplied.</p> <p>4.3 The nationality of the supplier that supplies and install the goods shall not determine the origin of the goods.</p> <p>4.4 To establish the eligibility of the Goods and the related services, Bidders shall fill the country-of-origin declarations included in the Form of Bid.</p>

	4.5	If so required in the BDS , the Bidder shall demonstrate that it has been duly authorized by the manufacturer of the goods to deliver in Pakistan (or in respective country in case of procurement by the Pakistani Missions abroad), the goods indicated in its Bid.
5. One Bid per Bidder	5.1	A bidder shall submit only one Bid, in the same bidding process, either individually as a Bidder or as a member in a joint venture or any similar arrangement.
	5.2	No bidder can be a sub-contractor while submitting a Bid individually or as a member of a joint venture in the same Bidding process.
	5.3	A person or a firm cannot be a sub-contractor with more than one bidder in the same bidding process.
6. Cost of Bidding	6.1	The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Procuring Agency shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

B. Bidding Documents

7. Contents of Bidding Documents	7.1	<p>The goods required, bidding procedures, and terms and conditions of the contract are prescribed in the Bidding Documents. In addition to the Invitation to Bids, the Bidding Documents which should be read in conjunction with any addenda issued in accordance with ITB 9.2 include:</p> <p style="margin-left: 40px;">Section I -Invitation to Bids Section II Instructions to Bidders (ITBs) Section III Bid Data Sheet (BDS) Section IV Eligible Countries Section V Schedule of Requirements and Technical Specifications Section VI Standard Forms Section VII General Conditions of Contract (GCC) Section VIII Special Conditions of Contract (SCC) Section IX Contract Forms</p>
	7.2	The number of copies to be completed and returned with the Bid is specified in the BDS .
	7.3	The Procuring Agency is not responsible for the completeness of the Bidding Documents and their addenda, if they were not obtained directly from the Procuring Agency or the signed pdf version from downloaded from the website of the Procuring Agency. However, Procuring Agency shall place both the pdf and same editable version to facilitate the bidder for filling the forms.

	<p>7.4 The Bidder is expected to examine all instructions, forms, terms and specifications in the Bidding Documents. Failure to furnish all the information required in the Bidding Documents will be at the Bidder's risk and may result in the rejection of his Bid.</p>
<p>8. Clarification of Bidding Documents</p>	<p>8.1 A prospective Bidder requiring any clarification of the Bidding Documents may notify the Procuring Agency in writing or in electronic form that provides record of the content of communication at the Procuring Agency's address indicated in the BDS.</p> <p>8.2 The Procuring Agency will within three (3) working days after receiving the request for clarification, respond in writing or in electronic form to any request for clarification provided that such request is received not later than three (03) days prior to the deadline for the submission of Bids as prescribed in ITB 23.1. However, this clause shall not apply in case of alternate methods of Procurement.</p> <p>8.3 Copies of the Procuring Agency's response will be forwarded to all identified Prospective Bidders through an identified source of communication, including a description of the inquiry, but without identifying its source.</p> <p>In case of downloading of the Bidding Documents from the website of PA, the response of all such queries will also be available on the same link available at the website.</p> <p>8.4 Should the Procuring Agency deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB 9.</p> <p>8.5 If indicated in the BDS, the Bidder's designated representative is invited at the Bidder's cost to attend a pre-Bid meeting at the place, date and time mentioned in the BDS. During this pre-Bid meeting, prospective Bidders may request clarification of the schedule of requirement, the Evaluation Criteria or any other aspects of the Bidding Documents.</p> <p>8.6 Minutes of the pre-Bid meeting, if applicable, including the text of the questions asked by Bidders, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be transmitted promptly to all prospective Bidders who have obtained the Bidding Documents. Any modification to the Bidding Documents that may become necessary as a result of the pre-Bid meeting shall be made by the Procuring Agency exclusively through the use of an Addendum pursuant to ITB 9. Non-attendance at the pre-Bid meeting will not be a cause for disqualification of a Bidder.</p>
<p>9. Amendment of Bidding Documents</p>	<p>9.1 Before the deadline for submission of Bids, the Procuring Agency for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder or pre-bid meeting may modify the Bidding Documents by issuing addenda.</p>

	<p>9.2 Any addendum issued including the notice of any extension of the deadline shall be part of the Bidding Documents pursuant to ITB 7.1 and shall be communicated in writing or in any identified electronic form that provide record of the content of communication to all the bidders who have obtained the Bidding Documents from the Procuring Agency. The Procuring Agency shall promptly publish the Addendum at the Procuring Agency’s web page identified in the BDS: Provided that the bidder who had either already submitted their bid or handed over the bid to the courier prior to the issuance of any such addendum shall have the right to withdraw his already filed bid and submit the revised bid prior to the original or extended bid submission deadline.</p> <p>9.3 To give prospective Bidders reasonable time in which to take an addendum/corrigendum into account in preparing their Bids, the Procuring Agency may, at its discretion, extend the deadline for the submission of Bids: Provided that the Procuring Agency shall extend the deadline for submission of Bid, if such an addendum is issued within last three (03) days of the Bid submission deadline.</p>
<p><u>C. Preparation of Bids</u></p>	
<p>10. Language of Bid</p>	<p>10.1 The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Procuring Agency shall be written in the English language unless otherwise specified in the BDS. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant pages in the English language unless specified in the BDS, in which case, for purposes of interpretation of the Bidder, the translation shall govern.</p>
<p>11. Documents and Sample(s) Constituting the Bid</p>	<p>11.1 The Bid prepared by the Bidder shall constitute the following components: -</p> <ul style="list-style-type: none"> a) Form of Bid and Bid Prices completed in accordance with ITB 14 and 15; b) Details of the Sample(s) where applicable and requested in the BDS. c) Documentary evidence established in accordance with ITB 13 that the Bidder is eligible and/or qualified for the subject bidding process; d) Documentary evidence established in accordance with ITB 13.3(a) that the Bidder has been authorized by the manufacturer to deliver the goods into Pakistan, where required and where the supplier is not the manufacturer of those goods; e) Documentary evidence established in accordance with ITB 12 that the goods and related services to be supplied by the Bidder are eligible goods and services, and conform to the Bidding Documents;

	<p>f) Bid security or Bid Securing Declaration furnished in accordance with ITB 18;</p> <p>g) Duly Notarized Power of Attorney authorizing the signatory of the Bidder to submit the bid; and</p> <p>h) Any other document required in the BDS</p> <p>11.2 Where a sample(s) is required by a procuring agency, the sample shall be:</p> <p>(a) submitted as part of the bid, in the quantities, dimensions and other details requested in the BDS;</p> <p>(b) carriage paid;</p> <p>(c) received on, or before, the closing time and date for the submission of bids; and</p> <p>(d) evaluated to determine compliance with all characteristics listed in the BDS.</p> <p>11.3 The Procuring Agency shall retain the sample(s) of the successful Bidder. A Procuring Agency shall reject the Bid if the sample(s)-</p> <p>(a) do(es) not conform to all characteristics prescribed in the bidding documents; and</p> <p>(b) is / are not submitted within the specified time clearly mentioned in the Bid Data Sheet.</p> <p>11.4 Where it is not possible to avoid using a propriety article as a sample, a Bidder shall make it clear that the propriety article is displayed only as an example of the type or quality of the goods being Bided for, and that competition shall not thereby be limited to the extent of that article only.</p> <p>11.5 Samples made up from materials supplied by a Procuring Agency shall not be returned to a Bidder nor shall a Procuring Agency be liable for the cost of making them.</p> <p>11.6 All samples produced from materials belonging to an unsuccessful Bidder shall be kept by the Procuring Agency till thirty (30) days from the date of award of contract or exhaust of all the grievance forums (including those pending at Authority’s Level or in some Court of Law).</p>
<p>12. Documents Establishing Eligibility of the Goods and Related Services and Conformity to Bidding Documents</p>	<p>12.1 Pursuant to ITB 11, the Bidder shall furnish, as part of its Bid, all those documents establishing the eligibility in conformity to the terms and conditions specified in the Bidding Documents for all goods and related services which the Bidder proposes to deliver.</p> <p>12.2 The documentary evidence of the eligibility of all goods and related services shall consist of a statement in the Price Schedule of the country of origin of the goods and related services offered which</p>

	<p>shall be confirmed by a certificate of origin issued at the time of shipment.</p> <p>12.3 The documentary evidence of conformity of the goods and related services to the Bidding Documents may be in the form of literature, drawings, and data, and shall consist of:</p> <ul style="list-style-type: none"> a. a detailed description of the essential technical specifications and performance characteristics of the Goods; b. an item-by-item commentary on the Procuring Agency’s Technical Specifications demonstrating substantial responsiveness of the Goods and Services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications; c. any other procurement specific documentation requirement as stated in the BDS. <p>12.4 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of goods, spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period specified in the BDS following commencement of the use of the goods by the Procuring Agency.</p> <p>12.5 For purposes of the commentary to be furnished pursuant to ITB 12.3(c) above, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Procuring Agency in its Technical Specifications, are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its Bid, provided that it demonstrates to the Procuring Agency’s satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.</p> <p>12.6 The required documents and other accompanying documents must be in English. In case any other language than English is used the pertinent translation into English shall be attached to the original version.</p>
<p>13. Documents Establishing the Eligibility and Qualification of the Bidder</p>	<p>13.1 Pursuant to ITB 11, the Bidder shall furnish, as part of its Bid, all those documents establishing the Bidder’s eligibility to participate in the bidding process and/or its qualification to perform the contract if its Bid is accepted.</p> <p>13.2 The documentary evidence of the Bidder’s eligibility to Bid shall establish to the satisfaction of the Procuring Agency that the Bidder, at the time of submission of its bid, is from an eligible country as defined in Section-4 titled as “Eligible Countries”.</p>

	<p>13.3 The documentary evidence of the Bidder’s qualifications to perform the contract if its Bid is accepted shall establish to the satisfaction of Procuring Agency that:</p> <ul style="list-style-type: none"> a) in the case of a Bidder offering deliver the goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the Manufacturer or producer to deliver the goods in Pakistan; b) The Bidder has the financial, technical, and supply/production capability necessary to perform the Contract, meets the qualification criteria specified in BDS. c) in the case of a Bidder not doing business within Pakistan, the Bidder is or will be (if awarded the contract) represented by an Agent in Pakistan equipped, and able to carry out the Supplier’s maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications. d) That the Bidder meets the qualification criteria listed in the Bid Data Sheet.
<p>14. Form of Bid</p>	<p>14.1 The Bidder shall fill the Form of Bid furnished in the Bidding Documents. The Bid Form must be completed without any alterations to its format and no substitute shall be accepted.</p>
<p>15. Bid Prices</p>	<p>15.1 The Bid Prices and discounts quoted by the Bidder in the Form of Bid and in the Price Schedules shall conform to the requirements specified below in ITB Clause 15 or exclusively mentioned hereafter in the bidding documents.</p> <p>15.2 All items in the Schedule of requirement must be listed and priced separately in the Price Schedule(s). If a Price Schedule shows items listed but not priced, their prices shall be construed to be included in the prices of other items.</p> <p>15.3 Items not listed in the Price Schedule shall be assumed not to be included in the Bid, and provided that the Bid is still substantially responsive in their absence or due to their nominal nature, the corresponding average price of the respective item(s) of the remaining substantially responsive bidder(s) shall be construed to be the price of those missing item(s):</p> <p>Provided that:</p> <ul style="list-style-type: none"> a) where there is only one (substantially) responsive bidder, or b) where there is provision for alternate proposals and the respective items are not listed in the other bids, <p>The procuring agency may fix the price of missing items in accordance with market survey, and the same shall be considered as final price.</p> <p>15.4 The Bid price to be quoted in the Form of Bid in accordance with ITB 15.1 shall be the total price of the Bid, excluding any discounts offered.</p>

	<p>15.5 The Bidder shall indicate on the appropriate Price Schedule, the unit prices (where applicable) and total Bid price of the goods it proposes to deliver under the contract.</p> <p>15.6 Prices indicated on the Price Schedule shall be entered separately in the following manner:</p> <p>a) For goods manufactured from within Pakistan (or within the country where procurement is being done in case of foreign missions abroad):</p> <ul style="list-style-type: none">i. The price of the goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable), including all customs duties and sales and other taxes already paid or payable:<ul style="list-style-type: none">A. on the components and raw material used in the manufacturing or assembly of goods quoted ex-works or ex-factory; ORB. on the previously imported goods of foreign origin quoted ex-warehouse, ex-showroom, or off-the-shelf.ii. All applicable taxes which will be payable on the goods if the contract is awarded.iii. The price for inland transportation, insurance, and other local costs incidental to delivery of the goods to their final destination, if specified in the BDS.iv. The price of other (incidental or allied) services, if any, listed in the BDS. <p>b) For goods offered from abroad:</p> <ul style="list-style-type: none">i. The price of the goods shall be quoted CIF named port of destination, or CIP border point, or CIP named place of destination, in the Procuring Agency's country, as specified in the BDS. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible countries. Similarly, the Bidder may obtain insurance services from any eligible source country. Orii. The price of the goods quoted FOB port of shipment (or FCA, as the case may be), if specified in the BDS. oriii. The price of goods quoted CFR port of destination (or CPT as the case may be), if specified in the BDS.iv. the price for inland transportation, insurance, and other local costs incidental to delivery of the goods from the port of entry to their final destination, if specified in the BDS.v. The price of (incidental) services, if any, listed in the BDS.
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	<p>15.7 Prices proposed on the Price Schedule for goods and related services shall be disaggregated, where appropriate as indicated in this Clause. This desegregation shall be solely for the purpose of facilitating the comparison of Bids by the Procuring Agency. This, shall not in any way limit the Procuring Agency’s right to contract on any of the terms and conditions offered: -</p> <p>a) For Goods: -</p> <ul style="list-style-type: none"> i) the price of the Goods, quoted as per applicable INCOTERMS as specified in the BDS ii) all customs duties, sales tax, and other taxes applicable on goods or on the components and raw materials used in their manufacture or assembly, if the contract is awarded to the Bidder, and <p>b) For Related Services</p> <ul style="list-style-type: none"> i) The price of the related services, and ii) All customs duties, sales tax and other taxes applicable in Pakistan, paid or payable, on the related services, if the contract is awarded to the Bidder. <p>15.8 Prices quoted by the Bidder shall be fixed during the Bidder’s performance of the contract and not subject to variation on any account. A Bid submitted with an adjustable price will be treated as non-responsive and shall be rejected, pursuant to ITB 29.</p> <p>15.9 If so indicated in the Invitation to Bids and Instructions to Bidders, that Bids are being invited for individual contracts (Lots) or for any combination of contracts (packages), Bidders wishing to offer any price reduction for the award of more than one contract shall specify in their Bid the price reductions applicable to each package, or alternatively, to individual contracts (Lots) within a package.</p>
<p>16. Bid Currencies</p>	<p>16.1 Prices shall be quoted in the following currencies:</p> <ul style="list-style-type: none"> a) For goods and services that the Bidder will deliver from within Pakistan, the prices shall be quoted in Pakistani Rupees, unless otherwise specified in the BDS. b) For goods and related services that the Bidder will deliver from outside Pakistan, or for imported parts or components of goods and related services originating outside Pakistan, the Bid prices shall be quoted in any freely convertible currency of another country. If the Bidder wishes to be paid in a combination of amounts in different currencies, it may quote its price accordingly but use no more than three foreign currencies.

	<p>16.2 For the purposes of comparison of bids quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate, prevailing on the date of opening of (financial part of) bids specified in the bidding documents, as notified by the State Bank of Pakistan on that day.</p> <p>16.3 Bidders shall indicate details of their expected foreign currency requirements in the Bid.</p> <p>16.4 Bidders may be required by the Procuring Agency to clarify their foreign currency requirements and to substantiate that the amounts included in Lump Sum and in the SCC are reasonable and responsive to ITB 16.1.</p>
<p>17. Bid Validity Period</p>	<p>17.1 Bids shall remain valid for the period specified in the BDS after the Bid submission deadline prescribed by the Procuring Agency. A Bid valid for a shorter period shall be rejected by the Procuring Agency as non-responsive. The period of Bid validity will be determined from the complementary bid securing instrument i.e., the expiry period of bid security or bid securing declaration as the case may be.</p> <p>17.2 Under exceptional circumstances, prior to the expiration of the initial Bid validity period, the Procuring Agency may request the Bidders' consent to an extension of the period of validity of their Bids only once, for the period not more than the period of initial bid validity. The request and the Bidders responses shall be made in writing or in electronic forms that provide record of the content of communication. The Bid Security provided under ITB 18 shall also be suitably extended. A Bidder may refuse the request without forfeiting its Bid security or causing to be executed its Bid Securing Declaration. A Bidder agreeing to the request will not be required nor permitted to modify its Bid, but will be required to extend the validity of its Bid Security or Bid Securing Declaration for the period of the extension, and in compliance with ITB 18 in all respects.</p> <p>17.3 If the award is delayed by a period exceeding sixty (60) days beyond the expiry of the initial Bid validity period, the contract price may be adjusted by a factor specified in the request for extension. However, the Bid evaluation shall be based on the already quoted Bid Price without taking into consideration on the above correction.</p>
<p>18. Bid Security or Bid Securing Declaration</p>	<p>18.1 Pursuant to ITB 11, unless otherwise specified in the BDS, the Bidder shall furnish as part of its Bid, a Bid Security in form of fixed amount not exceeding five percent of the estimated value of procurement determined by the procuring agency and in the amount and currency specified in the BDS or Bid Securing Declaration as specified in the BDS in the format provided in Section VI (Standard Forms).</p>

	<p>18.2 The Bid Security or Bid Securing Declaration is required to protect the Procuring Agency against the risk of Bidder's conduct which would warrant the security's forfeiture, pursuant to ITB 18.9.</p> <p>18.3 The Bid Security shall be denominated in the local currency or in another freely convertible currency, and it shall be in the form specified in the BDS which shall be in any of the following:</p> <ul style="list-style-type: none">a) a bank guarantee, an irrevocable letter of credit issued by a Scheduled bank in the form provided in the Bidding Documents or another form acceptable to the Procuring Agency and valid for twenty-eight (28) days beyond the end of the validity of the Bid. This shall also apply if the period for Bid Validity is extended. In either case, the form must include the complete name of the Bidder;b) a cashier's or certified cheque; orc) another security if indicated in the BDS <p>18.4 The Bid Security or Bid Securing Declaration shall be in accordance with the Form of the Bid Security or Bid Securing Declaration included in Section VI (Standard Forms) or another form approved by the Procuring Agency prior to the Bid submission.</p> <p>18.5 The Bid Security shall be payable promptly upon written demand by the Procuring Agency in case any of the conditions listed in ITB 18.9 are invoked.</p> <p>18.6 Any Bid not accompanied by a Bid Security or Bid Securing Declaration in accordance with ITB 18.1 or 18.3 shall be rejected by the Procuring Agency as non-responsive, pursuant to ITB 29.</p> <p>18.7 Unsuccessful Bidders' Bid Security will be discharged or returned as promptly as possible, however in no case later than thirty (30) days after the expiration of the period of Bid Validity prescribed by the Procuring Agency pursuant to ITB 17. The Procuring Agency shall make no claim to the amount of the Bid Security, and shall promptly return the Bid Security document, after whichever of the following that occurs earliest:</p> <ul style="list-style-type: none">(a) the expiry of the Bid Security;(b) the entry into force of a procurement contract and the provision of a performance security (or guarantee), for the performance of the contract if such a security (or guarantee), is required by the Biding documents;(c) the rejection by the Procuring Agency of all Bids;
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	<p>(d) the withdrawal of the Bid prior to the deadline for the submission of Bids, unless the Bidding documents stipulate that no such withdrawal is permitted.</p> <p>18.8 The successful Bidder's Bid Security will be discharged upon the Bidder signing the contract pursuant to ITB 42, or furnishing the performance guarantee, pursuant to ITB 43.</p> <p>18.9 The Bid Security may be forfeited or the Bid Securing Declaration executed:</p> <p>a) if a Bidder:</p> <ul style="list-style-type: none"> i) withdraws its Bid during the period of Bid Validity as specified by the Procuring Agency, and referred by the bidder on the Form of Bid except as provided for in ITB 17.2; or ii) does not accept the correction of errors pursuant to ITB 31.2; or <p>b) in the case of a successful Bidder, if the Bidder fails:</p> <ul style="list-style-type: none"> i) to sign the contract in accordance with ITB 42; or ii) to furnish performance security (or guarantee) in accordance with ITB 43.
<p>19. Alternative Bids by Bidders</p>	<p>19.1 Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic Bidder's technical design as indicated in the specifications and Schedule of Requirements. Alternatives will not be considered, unless specifically allowed for in the BDS. If so allowed, ITB 19.2 shall prevail.</p> <p>19.2 When alternative schedule for supply and installation of equipment is explicitly invited, a statement of that effect will be included in the BDS as will the method for evaluating different schedule for delivery of goods.</p> <p>19.3 If so allowed in the BDS, Bidders wishing to offer technical alternatives to the requirements of the Bidding Documents must also submit a Bid that complies with the requirements of the Bidding Documents, including the basic technical design as indicated in the specifications. In addition to submitting the basic Bid, the Bidder shall provide all information necessary for a complete evaluation of the alternative by the Procuring Agency, including technical specifications, breakdown of prices, and other relevant details. Only the technical alternatives, if any, of the Most Advantageous Bidder conforming to the basic technical requirements (without altering the bid price) shall be considered by the Procuring Agency.</p>
<p>20. Withdrawal, Substitution, and Modification of Bids</p>	<p>20.1 Before bid submission deadline, any bidder may withdraw, substitute, or modify its Bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and the</p>

	<p>corresponding substitution or modification must accompany the respective written notice.</p> <p>20.2 Bids requested to be withdrawn in accordance with ITB 20.1 shall be returned unopened to the Bidders.</p>
<p>21. Format and Signing of Bid</p>	<p>21.1 The Bidder shall prepare an original and the number of copies of the Bid as indicated in the BDS, clearly marking each “ORIGINAL” and “COPY,” as appropriate. In the event of any discrepancy between them, the original shall prevail:</p> <p>Provided that except in Single Stage One Envelope Procedure, the Bid shall include only the copies of technical proposal.</p> <p>21.2 The original and the copy or copies of the Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as specified in the BDS and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid, except for un-amended printed literature, shall be initialed by the person or persons signing the Bid.</p> <p>21.3 Any interlineations, erasures, or overwriting shall be valid only if they are signed by the person or persons signing the Bidder.</p>

D. Submission of Bids

<p>22. Sealing and Marking of Bids</p>	<p>22.1 In case of Single Stage One Envelope Procedure, the Bidder shall seal the original and each copy of the Bid in separate envelopes, duly marking the envelopes as “ORIGINAL” and “COPY.” The envelopes shall then be sealed in an outer envelope securely sealed in such a manner that opening and resealing cannot be achieved undetected.</p> <p>Note: <i>The envelopes shall be sealed and marked in accordance with the bidding procedure adopted as referred in Rule-36 of PPR-2004.</i></p> <p>22.2 The inner and outer envelopes shall:</p> <p>a) be addressed to the Procuring Agency at the address given in the BDS; and</p> <p>b) bear the title of the subject procurement or Project name, as the case may be as indicated in the BDS, the Invitation to Bids (ITB) title and number indicated in the BDS, and a statement: “DO NOT OPEN BEFORE,” to be completed with the time and the date specified in the BDS, pursuant to ITB 23.1.</p> <p>22.3 In case of Single Stage Two Envelope Procedure, The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Proposal and the other Financial Proposal. Both</p>
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	<p>envelopes to be enclosed together in an outer single envelope called the Bid. Each Bidder shall submit his bid as under:</p> <ul style="list-style-type: none"> a) Bidder shall submit his TECHNICAL PROPOSAL and FINANCIAL PROPOSAL in separate inner envelopes and enclosed in a single outer envelope. b) ORIGINAL and each copy of the Bid shall be separately sealed and put in separate envelopes and marked as such. c) The envelopes containing the ORIGINAL and copies will be put in one sealed envelope and addressed / identified as given in Sub- Clause 21.2. <p>22.4 The inner and outer envelopes shall:</p> <ul style="list-style-type: none"> a) be addressed to the Procuring Agency at the address provided in the Bidding Data; b) bear the name and identification number of the contract as defined in the Bidding Data; and provide a warning not to open before the time and date for bid opening, as specified in the Bidding Data. pursuant to ITB 23.1. c) In addition to the identification required in Sub- Clause 21.2 hereof, the inner envelope shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared “late” pursuant to Clause IB.24 <p>If all envelopes are not sealed and marked as require by ITB 22.2, ITB 22.3 and ITB 22.4 or incorrectly marked, the Procuring Agency will assume no responsibility for the misplacement or premature opening of Bid</p>
<p>23. Deadline for Submission of Bids</p>	<p>23.1 Bids shall be received by the Procuring Agency no later than the date and time specified in the BDS.</p> <p>23.2 The Procuring Agency may, in exceptional circumstances and at its discretion, extend the deadline for the submission of Bids by amending the Bidding Documents in accordance with ITB 9, in which case all rights and obligations of the Procuring Agency and Bidders previously subject to the deadline will thereafter be subject to the new deadline.</p>
<p>24. Late Bids</p>	<p>24.1 The Procuring Agency shall not consider for evaluation any Bid that arrives after the deadline for submission of Bids, in accordance with ITB 23.</p> <p>24.2 Any Bid received by the Procuring Agency after the deadline for submission of Bids shall be declared late, recorded, rejected and returned unopened to the Bidder.</p>
<p>25. Withdrawal, of Bids</p>	<p>25.1 A Bidder may withdraw its Bid after it has been submitted, provided that written notice of the withdrawal of the Bid, is received by the Procuring Agency prior to the deadline for submission of Bids.</p>

	<p>25.2 Revised bid may be submitted after the withdrawal of the original bid in accordance with the provisions referred in ITB 22.</p>
<p><u>E. Opening and Evaluation of Bids</u></p>	
<p>26. Opening of Bids</p>	<p>26.1 The Procuring Agency will open all Bids, in public, in the presence of Bidders' or their representatives who choose to attend, and other parties with a legitimate interest in the Bid proceedings at the place, on the date and at the time, specified in the BDS. The Bidders' representatives present shall sign a register as proof of their attendance.</p> <p>26.2 First, envelopes marked "WITHDRAWAL" shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding Withdrawal Notice contains a valid authorization to request the withdrawal and is read out at bid opening.</p> <p>26.3 Second, outer envelopes marked "SUBSTITUTION" shall be opened. The inner envelopes containing the Substitution Bid shall be exchanged for the corresponding Original Bid being substituted, which is to be returned to the Bidder unopened. No envelope shall be substituted unless the corresponding Substitution Notice contains a valid authorization to request the substitution and is read out and recorded at bid opening.</p> <p>26.4 Next, outer envelopes marked "MODIFICATION" shall be opened. No Technical Proposal and/or Financial Proposal shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at the opening of the Bids. Any Modification shall be read out along with the Original Bid except in case of Single Stage Two Envelope Procedure where only the Technical Proposal, both Original as well as Modification, are to be opened, read out, and recorded at the opening. Financial Proposal, both Original and Modification, will remain unopened till the prescribed financial bid opening date.</p> <p>26.5 Other envelopes holding the Bids shall be opened one at a time, in case of Single Stage One Envelope Procedure, the Bidders names, the Bid prices, the total amount of each Bid and of any alternative Bid (if alternatives have been requested or permitted), any discounts, the presence or absence of Bid Security, Bid Securing Declaration and such other details as the Procuring Agency may consider appropriate, will be announced by the Procurement Evaluation Committee.</p> <p>26.6 In case of Single Stage Two Envelope Procedure, the Procuring Agency will open the Technical Proposals in public at the address, date and time specified in the BDS in the presence of Bidders' designated representatives who choose to attend and other parties with a legitimate interest in the Bid proceedings. The Financial Proposals will remain unopened and will be held in</p>

	<p>custody of the Procuring Agency until the specified time of their opening.</p> <p>26.7 The envelopes holding the Technical Proposals shall be opened one at a time, and the following read out and recorded: (a) the name of the Bidder; (b) whether there is a modification or substitution; (c) the presence of a Bid Security, if required; and (d) Any other details as the Procuring Agency may consider appropriate.</p> <p>26.8 Bids not opened and not read out at the Bid opening shall not be considered further for evaluation, irrespective of the circumstances. In particular, any discount offered by a Bidder which is not read out at Bid opening shall not be considered further.</p> <p>26.9 Bidders are advised to send in a representative with the knowledge of the content of the Bid who shall verify the information read out from the submitted documents. Failure to send a representative or to point out any un-read information by the sent Bidder's representative shall indemnify the Procuring Agency against any claim or failure to read out the correct information contained in the Bidder's Bid.</p> <p>26.10 No Bid will be rejected at the time of Bid opening except for late Bids which will be returned unopened to the Bidder, pursuant to ITB 24.</p> <p>26.11 The Procuring Agency shall prepare minutes of the Bid opening. The record of the Bid opening shall include, as a minimum: the name of the Bidder and whether or not there is a withdrawal, substitution or modification, the Bid price if applicable, including any discounts and alternative offers and the presence or absence of a Bid Security or Bid Securing Declaration.</p> <p>26.12 The Bidders' representatives who are present shall be requested to sign on the attendance sheet. The omission of a Bidder's signature on the record shall not invalidate the contents and affect the record. A copy of the record shall be distributed to all the Bidders.</p> <p>26.13 A copy of the minutes of the Bid opening shall be furnished to individual Bidders upon request.</p> <p>26.14 In case of Single Stage Two Envelop Bidding Procedure, after the evaluation and approval of technical proposal the procuring agency, shall at a time within the bid validity period, publicly open the financial proposals of the technically accepted bids only. The financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders subject to redress of the grievances from all tiers of grievances.</p>
<p>27. Confidentiality</p>	<p>27.1 Information relating to the examination, clarification, evaluation and comparison of Bids and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially</p>

	<p>concerned with such process until the time of the announcement of the respective evaluation report.</p> <p>27.2 Any effort by a Bidder to influence the Procuring Agency processing of Bids or award decisions may result in the rejection of its Bid.</p> <p>27.3 Notwithstanding ITB 27.2 from the time of Bid opening to the time of contract award, if any Bidder wishes to contact the Procuring Agency on any matter related to the Bidding process, it should do so in writing or in electronic forms that provides record of the content of communication.</p>
<p>28. Clarification of Bids</p>	<p>28.1 To assist in the examination, evaluation and comparison of Bids of the Bidders, the Procuring Agency may, ask any Bidder for a clarification. Any clarification submitted by a Bidder that is not in response to a request by the Procuring Agency shall not be considered.</p> <p>28.2 The request for clarification and the response shall be in writing or in electronic forms that provide record of the content of communication. In case of Single Stage Two Envelope Procedure, no change in the prices or substance of the Bid shall be sought, offered, or permitted, whereas in case of Single Stage One Envelope Procedure, only the correction of arithmetic errors discovered by the Procuring Agency in the evaluation of Bids should be sought in accordance with ITB 31.</p> <p>28.3 The alteration or modification in THE BID which in any affect the following parameters will be considered as a change in the substance of a bid:</p> <ul style="list-style-type: none"> a. evaluation & qualification criteria; b. required scope of work or specifications; c. all securities requirements; d. tax requirements; e. terms and conditions of bidding documents. f. change in the ranking of the bidder <p>28.4 From the time of Bid opening to the time of Contract award if any Bidder wishes to contact the Procuring Agency on any matter related to the Bid it should do so in writing or in electronic forms that provide record of the content of communication.</p>
<p>29. Preliminary Examination of Bids</p>	<p>29.1 Prior to the detailed evaluation of Bids, the Procuring Agency will determine whether each Bid:</p> <ul style="list-style-type: none"> a. meets the eligibility criteria defined in ITB 3 and ITB 4; b. has been prepared as per the format and contents defined by the Procuring Agency in the Bidding Documents; c. has been properly signed; d. is accompanied by the required securities; and

	<p>e. is substantially responsive to the requirements of the Bidding Documents.</p> <p>The Procuring Agency's determination of a Bid's responsiveness will be based on the contents of the Bid itself.</p> <p>29.2 A substantially responsive Bid is one which conforms to all the terms, conditions, and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one that: -</p> <ul style="list-style-type: none">a. affects in any substantial way the scope, quality, or performance of the Services;b. limits in any substantial way, inconsistent with the Bidding Documents, the Procuring Agency's rights or the Bidders obligations under the Contract; orc. if rectified, would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids. <p>29.3 The Procuring Agency will confirm that the documents and information specified under ITB 11, 12 and 13 have been provided in the Bid. If any of these documents or information is missing, or is not provided in accordance with the Instructions to Bidders, the Bid shall be rejected.</p> <p>29.4 The Procuring Agency may waive off any minor informality, nonconformity, or irregularity in a Bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.</p> <p><i>Explanation: A minor informality, non-conformity or irregularity is one that is merely a matter of form and not of substance. It also pertains to some immaterial defect in a Bid or variation of a bid from the exact requirements of the invitation that can be corrected or waived without being prejudicial to other bidders. The defect or variation is immaterial when the effect on quantity, quality, or delivery is negligible when contrasted with the total cost or scope of the supplies or services being acquired. The Procuring Agency either shall give the bidder an opportunity to cure any deficiency resulting from a minor informality or irregularity in a bid or waive the deficiency, whichever is advantageous to the Procuring Agency. Examples of minor informalities or irregularities include failure of a bidder to –</i></p> <ul style="list-style-type: none">(a) <i>Submit the number of copies of signed bids required by the invitation;</i>(b) <i>Furnish required information concerning the number of its employees;</i>(c) <i>The firm submitting a bid has formally adopted or authorized, before the date set for opening of bids, the</i>
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	<p><i>execution of documents by typewritten, printed, or stamped signature and submits evidence of such authorization and the bid carries such a signature.</i></p> <p>29.5 Provided that a Technical Bid is substantially responsive, the Procuring Agency may request the Bidder to submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Technical Bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any such aspect of the technical Proposal linked with the ranking of the bidders. Failure of the Bidder to comply with the request may result in the rejection of its Bid.</p> <p>29.6 Provided that a Technical Bid is substantially responsive, the Procuring Agency shall rectify quantifiable nonmaterial nonconformities or omissions related to the Financial Proposal. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of the missing or nonconforming item or component.</p> <p>29.7 If a Bid is not substantially responsive, it will be rejected by the Procuring Agency and may not subsequently be evaluated for complete technical responsiveness.</p>
<p>30. Examination of Terms and Conditions; Technical Evaluation</p>	<p>30.1 The Procuring Agency shall examine the Bid to confirm that all terms and conditions specified in the GCC and the SCC have been accepted by the Bidder without any material deviation or reservation.</p> <p>30.2 The Procuring Agency shall evaluate the technical aspects of the Bid submitted in accordance with ITB 22, to confirm that all requirements specified in Section V – Schedule of Requirements, Technical Specifications of the Bidding Documents have been met without material deviation or reservation.</p> <p>30.3 If after the examination of the terms and conditions and the technical evaluation, the Procuring Agency determines that the Bid is not substantially responsive in accordance with ITB 29, it shall reject the Bid.</p>
<p>31. Correctness of Errors</p>	<p>31.1 Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: -</p> <p>a. if there is a discrepancy between unit prices and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected, unless in the opinion of the Procuring Agency there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;</p>

	<p>b. if there is an error in a total corresponding to the addition or subtraction of sub-totals, the sub-totals shall prevail and the total shall be corrected; and</p> <p>c. where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.</p> <p>d. Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bid, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.</p> <p>31.2 The amount stated in the Bid will, be adjusted by the Procuring Agency in accordance with the above procedure for the correction of errors and, with, the concurrence of the Bidder, shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, its Bid will then be rejected, and the Bid Security may be forfeited or the Bid Securing Declaration may be executed in accordance with ITB 18.9.</p>
<p>32. Conversion to Single Currency</p>	<p>32.1 To facilitate evaluation and comparison, the Procuring Agency will convert all Bid prices expressed in the amounts in various currencies in which the Bid prices are payable. For the purposes of comparison of bids quoted in different currencies, the price shall be converted into a single currency specified in the bidding documents. The rate of exchange shall be the selling rate, prevailing on the date of opening of (financial part of) bids specified in the bidding documents, as notified by the State Bank of Pakistan on that day.</p> <p>32.2 The currency selected for converting Bid prices to a common base for the purpose of evaluation, along with the source and date of the exchange rate, are specified in the BDS.</p>
<p>33. Evaluation of Bids</p>	<p>33.1 The Procuring Agency shall evaluate and compare only the Bids determined to be substantially responsive, pursuant to ITB 29.</p> <p>33.2 In evaluating the Technical Proposal of each Bid, the Procuring Agency shall use the criteria and methodologies listed in the BDS and in terms of Statement of Requirements and Technical Specifications. No other evaluation criteria or methodologies shall be permitted.</p> <p>33.3 The Procuring Agency’s evaluation of a Bid will consider:</p> <ul style="list-style-type: none"> a. in the case of goods manufactured in Pakistan or goods of foreign origin already imported in Pakistan, Income Tax, General Sales Tax and other similar/applicable taxes, which will be payable on the goods if a contract is awarded to the Bidder; b. in the case of goods of foreign origin offered from abroad, customs duties and other similar import taxes which will be

	<p>payable on the goods if the contract is awarded to the Bidder; and</p> <p>33.4 The comparison shall be between the EXW price of the goods offered from within Pakistan, such price to include all costs, as well as duties and taxes paid or payable on components and raw material incorporated or to be incorporated in the goods, and named port of destination, border point, or named place of destination) in accordance with applicable INCOTERM in the price of the goods offered from outside Pakistan.</p> <p>In evaluating the Bidders, the evaluation committee will, in addition to the Bid price quoted in accordance with ITB 15.1, take account of one or more of the following factors as specified in the BDS, and quantified in ITB 32.5:</p> <ol style="list-style-type: none"> a. Cost of inland transportation, insurance, and other costs within the Pakistan incidental to delivery of the goods to their final destination. b. delivery schedule offered in the Bid; c. deviations in payment schedule from that specified in the Special Conditions of Contract; d. the cost of components, mandatory spare parts, and service; e. the availability (in Pakistan) of spare parts and after-sales services for the equipment offered in the Bid; f. the projected operating and maintenance costs during the life of the equipment; g. the performance and productivity of the equipment offered; and/or; h. other specific criteria indicated in the TBS and/or in the Technical Specifications. <p>33.5 For factors retained in BDS, pursuant to ITB 33.4 one or more of the following quantification methods will be applied, as detailed in the BDS:</p> <ol style="list-style-type: none"> a. <i>Inland transportation from EXW/port of entry/border point, Insurance and incidentals:</i> Inland transportation, insurance, and other incidental costs for delivery of the goods from EXW/port of entry/border point to Project Site named in the BDS will be computed for each Bid by the PA on the basis of published tariffs by the rail or road transport agencies, insurance companies, and/or other appropriate sources. To facilitate such computation, Bidder shall furnish in its Bid the estimated dimensions and shipping weight and the approximate EXW or as per applicable INCOTERM value of each package. The above cost will be added by the Procuring Agency to EXW or as per applicable INCOTERM price.
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b. Delivery Schedule

- i) The Procuring Agency requires that the goods under the Invitation for Bids shall be delivered (shipped) at the time specified in the Schedule of Requirements. The estimated time of arrival of the goods at the Project Site will be calculated for each Bid after allowing for reasonable international and inland transportation time. Treating the Bid resulting in such time of arrival as the base, a delivery “adjustment” will be calculated for other Bids by applying a percentage, specified in the **BDS**, of the EXW or as per applicable INCOTERM price for each week of delay beyond the base, and this will be added to the Bid price for evaluation. No credit shall be given to early delivery. **OR**
- ii) The goods covered under this invitation are required to be delivered (shipped) within an acceptable range of weeks specified in the Schedule of Requirement. **No credit will be given to earlier deliveries, and Bids offering delivery beyond this range will be treated as non-responsive.** Within this acceptable range, an adjustment per week, as specified in the **BDS**, will be added for evaluation to the Bid price of Bids offering deliveries later than the earliest delivery period specified in the Schedule of Requirements. **OR**
- iii) The goods covered under this invitation are required to be delivered (shipped) in partial shipments, as specified in the Schedule of Requirements. Bids offering deliveries earlier or later than the specified deliveries will be adjusted in the evaluation by adding to the Bid price a factor equal to a percentage, specified in the **BDS**, of EXW or as per applicable INCOTERM price per week of variation from the specified delivery schedule.

c. Deviation in Payment Schedule

- i) Bidders shall state their Bid price for the payment schedule outlined in the **SCC**. Bids will be evaluated on the basis of this base price. Bidders are, however, permitted to state an alternative payment schedule and indicate the reduction in Bid price they wish to offer for such alternative payment schedule. The Procuring Agency may consider the alternative payment schedule offered by the selected Bidder. **OR**
- ii) The **SCC** stipulates the payment schedule offered

by the Procuring Agency. If a Bid deviates from the schedule and if such deviation is considered acceptable to the Procuring Agency, the Bid will be evaluated by calculating interest earned for any earlier payments involved in the terms outlined in the Bid as compared with those stipulated in this invitation, at the rate per annum specified in the **BDS**.

d. Cost of Spare Parts

- i) The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation specified in the **BDS**, is annexed to the Technical Specifications. The total cost of these items, at the unit prices quoted in each Bid, will be added to the Bid price. **OR**
- ii) The Procuring Agency will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial period of operation specified in the **BDS**. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the Bid price. **OR**
- iii) The Procuring Agency will estimate the cost of spare parts usage in the initial period of operation specified in the **BDS**, based on information furnished by each Bidder, as well as on past experience of the Procuring Agency or other Procuring Agency's in similar situations. Such costs shall be added to the Bid price for evaluation

e. Spare parts and after sales service facilities in Pakistan

The cost to the Procuring Agency of establishing the minimum service facilities and parts inventories, as outlined in the **BDS** or elsewhere in the Bidding Documents, if quoted separately, shall be added to the Bid price.

f. Operating and maintenance costs

Since the operating and maintenance costs of the goods under procurement form a major part of the life cycle cost of the equipment, these costs will be evaluated in accordance with the criteria specified in the **BDS** or in the Technical Specifications.

	<p><i>g. Performance and productivity of the equipment.</i></p> <p>(i) Bidders shall state the guaranteed performance or efficiency in response to the Technical Specification. For each drop in the performance or efficiency below the norm of 100, an adjustment for an amount specified in the BDS will be added to the Bid Price, representing the capitalized cost of additional operating costs over the life of the plant, using the methodology specified in the BDS or in the Technical Specifications. OR</p> <p>(ii) Goods offered shall have a minimum productivity specified under the relevant provision in the Technical Specifications to be considered responsive. Evaluation shall be based on the cost per unit of the actual productivity of goods offered in the Bid, and adjustment will be added to the Bid price using the methodology specified in the BDS or in the Technical Specifications.</p> <p><i>h. Specific Additional Criteria</i></p> <p>Other specific additional criteria to be considered in the evaluation and the evaluation method shall be detailed in the BDS and/or the Technical Specifications.</p> <p>33.6 If these Bidding Documents allow Bidders to quote separate prices for different Lots, and the award to a single Bidder of multiple Lots, the methodology of evaluation to determine the lowest evaluated Lot combinations, including any discounts offered in the Form of Bid, is specified in the BDS.</p>
<p>34. Domestic Preferences</p>	<p>34.1 If the BDS so specifies, the Procuring Agency will grant a margin of preference to certain goods in line with the rules, regulations, regulatory guides or instructions issued by the Authority from time to time.</p>
<p>35. Determination of Most Advantageous Bid</p>	<p>35.1 In case where the Procuring Agency adopts the Cost Based Evaluation Technique and, the Bid with the lowest evaluated price from amongst those which are eligible, compliant and substantially responsive shall be the Most Advantageous Bid.</p> <p>35.2 The Procuring Agency may adopt the Quality & Cost Based Selection Technique due to the following two reasons:</p> <p>i. Where the Procuring Agency knows about the main features, usage and output of the products; however not clear about the complete features, technical specifications and functionalities of the goods to be procured and</p>

	<p>requires the bidders to submit their proposals defining those features, specifications and functionalities; or</p> <p>ii. Where the Procuring Agency, in addition to the mandatory requirements and mandatory technical specifications, requires parameters specified in Evaluation Criteria to be evaluated while determining the quality of the goods:</p> <p>In such cases, the Procuring Agency may allocate certain weightage to these factors as a part of Evaluation Criteria, and may determine the ranking of the bidders on the basis of combined evaluation in accordance with provisions of Rule 2(1)(h) of PPR-2004.</p>
<p>36. Post qualification of Bidder and/or Abnormally Low Financial Proposal</p>	<p>36.1 After determining the Most Advantageous Bid, if neither the pre-qualification was undertaken separately nor any qualification parameters were undertaken as part of determining the Most Advantageous Bid, the Procuring Agency shall carry out the post-qualification of the Bidder using only the requirements specified in the BDS.</p> <p>In case of International Tendering, the parameters for incorporation or licensing within Pakistan may be fulfilled as part of post qualification.</p> <p>36.2 Where the Bid price is considered to be abnormally low, the Procuring Agency shall perform price analysis either during determination of Most Advantageous Bid or as a part of the post-qualification process. The following process shall apply:</p> <p>(a) The Procuring Agency may reject a Bid if the Procuring Agency has determined that the price in combination with other constituent elements of the Bid is abnormally low in relation to the subject matter of the procurement (i.e. scope of the procurement or ancillary services) and raises concerns as to the capability and capacity of the respective Bidder to perform that contract</p> <p>(b) Before rejecting an abnormally low Bid the Procuring Agency shall request the Bidder an explanation of the Bid or of those parts which it considers contribute to the Bid being abnormally low; take account of the evidence provided in response to a request in writing; and subsequently verify the Bid or parts of the Bid being abnormally low;</p> <p>(c) The decision of the Procuring Agency to reject a Bid and reasons for the decision shall be recorded in the procurement proceedings and promptly communicated to the Bidder concerned;</p> <p>(d) The Procuring Agency shall not incur any liability solely by</p>

	<p>rejecting abnormally Bid; and</p> <p>(e) An abnormally low Bid means, in the light of the Procuring Agency's estimate and of all the Bids submitted, the Bid appears to be abnormally low by not providing a margin for normal levels of profit.</p> <p><u>Guidance for Procuring Agency:</u></p> <p>In order to identify the Abnormally Low Bid (ALB) following approaches can be considered to minimize the scope of subjectivity:</p> <ul style="list-style-type: none">(i) Comparing the bid price with the cost estimate;(ii) Comparing the bid price with the bids offered by other bidders submitting substantially responsive bids; and(iii) Comparing the bid price with prices paid in similar contracts in the recent past either government- or development partner-funded. <p>36.3 The Procuring Agency will determine to its satisfaction whether the Bidder that is selected as having submitted the most advantageous Bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB 13.3.</p> <p>36.4 The determination will take into account the Bidder's financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 13.3, as well as such other information as the Procuring Agency deems necessary and appropriate. Factors not included in these Bidding Documents shall not be used in the evaluation of the Bidders' qualifications.</p> <p>36.5 Procuring Agency may seek "Certificate for Independent Price Determination" from the Bidder and the results of reference checks may be used in determining award of contract.</p> <p>Explanation: The Certificate shall be furnished by the bidder. The bidder shall certify that the price is determined keeping in view of all the essential aspects such as raw material, its processing, value addition, optimization of resources due to economy of scale, transportation, insurance and margin of profit etc.</p> <p>36.6 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder's Bid, in which event the Procuring Agency will proceed to the next ranked bidder to</p>
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	<p>make a similar determination of that Bidder’s capabilities to perform satisfactorily.</p>
<p><u>F. Award of Contract</u></p>	
<p>37. Criteria of Award</p>	<p>37.1 Subject to ITB 36 and 38, the Procuring Agency will award the Contract to the Bidder whose Bid has been determined to be substantially responsive to the Bidding Documents and who has been declared as Most Advantageous Bidder, provided that such Bidder has been determined to be:</p> <ul style="list-style-type: none"> a) eligible in accordance with the provisions of ITB 3; b) is determined to be qualified to perform the Contract satisfactorily; and c) Successful negotiations have been concluded, if any.
<p>38. Negotiations</p>	<p>38.1 Negotiations may be undertaken with the Most Advantageous Bid relating to the following areas:</p> <ul style="list-style-type: none"> (a) a minor alteration to the technical details of the statement of requirements; (b) reduction of quantities for budgetary reasons, where the reduction is in excess of any provided for in the Biding documents; (c) a minor amendment to the special conditions of Contract; (d) finalizing payment arrangements; (e) delivery arrangements; (f) the methodology for provision of related services; or (g) clarifying details that were not apparent or could not be finalized at the time of Bidding; <p>38.2 Where negotiation fails to result into an agreement, the Procuring Agency may invite the next ranked Bidder for negotiations. Where negotiations are commenced with the next ranked Bidder, the Procuring Agency shall not reopen earlier negotiations.</p>
<p>39. Procuring Agency’s Right to reject All Bids</p>	<p>39.1 Notwithstanding ITB 37, the Procuring Agency reserves the right to reject all the bids, and to annul the Bidding process at any time prior to award of contract, without thereby incurring any liability to the affected Bidder or Bidders. However, the Authority (i.e. PPRA) may call from the Procuring Agency the justification of those grounds.</p> <p>39.2 Notice of the rejection of all Bids shall be given promptly to all Bidders that have submitted Bids.</p> <p>39.3 The Procuring Agency shall upon request communicate to any Bidder the grounds for its rejection of its Bids, but is not required to justify those grounds</p>
<p>40. Procuring Agency’s Right to Vary</p>	<p>40.1 The Procuring Agency reserves the right at the time of contract</p>

<p>Quantities at the time of Award</p>	<p>award to increase or decrease the quantity of goods or related services originally specified in these Bidding Documents (schedule of requirements) provided this does not exceed by the percentage indicated in the BDS, without any change in unit price or other terms and conditions of the Bid and Bidding Documents.</p>
<p>41. Notification of Award</p>	<p>41.1 Prior to the award of contract, the Procuring Agency shall issue a Final Evaluation Report giving justification for acceptance or rejection of the bids.</p> <p>41.2 Where no complaints have been lodged, the Bidder whose Bid has been accepted will be notified of the award by the Procuring Agency prior to expiration of the Bid Validity period in writing or electronic forms that provide record of the content of communication. The Letter of Acceptance will state the sum that the Procuring Agency will pay the successful Bidder in consideration for the execution of the scope of works as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price).</p> <p>41.3 The notification of award will constitute the formation of the Contract, subject to the Bidder furnishing the Performance Security (or guarantee) in accordance with ITB 43 and signing of the contract in accordance with ITB 42.2.</p> <p>41.4 Upon the successful Bidder's furnishing of the performance security (or guarantee) pursuant to ITB 43, the Procuring Agency will promptly notify each unsuccessful Bidder, the name of the successful Bidder and the Contract amount and will discharge the Bid Security or Bid Securing Declaration of the Bidders pursuant to ITB 18.7.</p>
<p>42. Signing of Contract</p>	<p>42.1 Promptly after notification of award, Procuring Agency shall send the successful Bidder the draft agreement, incorporating all terms and conditions as agreed by the parties to the contract.</p> <p>42.2 Immediately after the Redressal of grievance by the GRC, and after fulfillment of all conditions precedent of the Contract Form, the successful Bidder and the Procuring Agency shall sign the contract.</p> <p>42.3 Where no formal signing of a contract is required, purchase order issued to the bidder shall be construed to be the contract.</p>
<p>43. Performance Security (or Guarantee)</p>	<p>43.1 After the receipt of the Letter of Acceptance, the successful Bidder, within the specified time, shall deliver to the Procuring Agency a Performance Security (or Guarantee) in the amount and in the form stipulated in the BDS and SCC, denominated in the type and proportions of currencies in the Letter of Acceptance and in accordance with the Conditions of Contract.</p> <p>43.2 If the Performance Security (or Guarantee) is provided by the successful Bidder and it shall be in the form specified in the BDS which shall be in any of the following:</p>

	<p>(a) certified cheque, cashier’s or manager’s cheque, or bank draft;</p> <p>(b) irrevocable letter of credit issued by a Scheduled bank or in the case of an irrevocable letter of credit issued by a foreign bank, the letter shall be confirmed or authenticated by a Scheduled bank.</p> <p>(c) bank guarantee confirmed by a reputable local bank or, in the case of a successful foreign Bidder, bonded by a foreign bank; or</p> <p>(d) surety bond callable upon demand issued by any reputable surety or insurance company.</p> <p>Any Performance Security (or guarantee) submitted shall be enforceable in Pakistan.</p> <p>43.3 Failure of the successful Bidder to comply with the requirement of ITB 43.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security, in which event the Procuring Agency may make the award to the next ranked Bidder or call for new Bids.</p>
<p>44. Advance Payment</p>	<p>44.1 The advance payment will not be provided in normal circumstances. However, in case where international incoterms are involved, the same will be dealt with standard international practices and in the manner as prescribed in ITB 44.2.</p> <p>44.2 The Procuring Agency will provide an Advance Payment as stipulated in the Conditions of Contract, subject to a maximum amount, as stated in the BDS. The Advance Payment request shall be accompanied by an Advance Payment Security (Guarantee) in the form provided in Section IX. For the purpose of receiving the Advance Payment, the Bidder shall make and estimate of, and include in its Bid, the expenses that will be incurred in order to commence Delivery of Goods. These expenses will relate to the purchase of equipment, machinery, materials, and on the engagement of labor during the first month beginning with the date of the Procuring Agency’s “Notice to Commence” as specified in the SCC.</p>
<p>45. Arbitrator</p>	<p>45.1 The Arbitrator shall be appointed by mutual consent of both parties as per the provisions specified in the SCC.</p>
<p>46. Corrupt and Fraudulent Practices</p>	<p>46.1 Procuring Agencies (including beneficiaries of Government funded projects and procurement) as well as Bidders/Suppliers/Contractors under Government financed</p>

	<p>contracts, observe the highest standard of ethics during the procurement and execution of such contracts, and will avoid to engage in any corrupt and fraudulent practices.</p>
<p><u>G. Grievance Redressal & Complaint Review Mechanism</u></p>	
<p>47. Constitution of Grievance Redressal Committee</p>	<p>47.1 Procuring agency shall constitute a Grievance Redressal Committee (GRC) comprising of odd number of person with proper power and authorization to address the complaint. The GRC shall not have any of the members of Procurement Evaluation Committee. The committee must have one subject specialist depending the nature of the procurement.</p>
<p>48. GRC Procedure</p>	<p>48.1 Any party can file its written complaint against the eligibility parameters or any other terms and conditions prescribed in the prequalification or bidding documents found contrary to provision of Procurement Regulatory Framework, and the same shall be addressed by the GRC well before the bid submission deadline.</p> <p>48.2 Any Bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances not later than seven days of the announcement of technical evaluation report and five days after issuance of final evaluation report.</p> <p>48.3 In case, the complaint is filed against the technical evaluation report, the GRC shall suspend the procurement proceedings.</p> <p>48.4 In case, the complaint is filed after the issuance of the final evaluation report, the complainant cannot raise any objection on technical evaluation of the report: Provided that the complainant may raise the objection on any part of the final evaluation report in case where single stage one envelope bidding procedure is adopted.</p> <p>48.5 The GRC, in both the cases shall investigate and decide upon the complaint within ten days of its receipt.</p> <p>48.6 Any bidder or the procuring agency not satisfied with the decision of the GRC may file Appeal before the Appellate Committee of the Authority on prescribed format after depositing the prescribed fee.</p> <p>48.7 The Committee, upon receipt of the Appeal against the decision of the GRC complete in all respect shall serve notices in writing upon all the parties to Appeal.</p> <p>48.8 The committee shall call the record from the concerned procuring agency or the GRC as the case may be, and the same shall be provided within prescribed time.</p> <p>48.9 The committee may after examination of the relevant record and hearing all the concerned parties, shall decide the complaint within fifteen (15) days of receipt of the Appeal.</p> <p>48.10 The decision of the Committee shall be in writing and shall</p>

	<p>be signed by the Head and each Member of the Committee. The decision of the committee shall be final.</p>
<p><u>H. MECHANISM OF BLACKLISTING</u></p>	
<p>49. Mechanism of Blacklisting</p>	<p>49.1 The Procuring Agency shall bar for not more than the time prescribed in Rule-19 of the Public Procurement Rules, 2004, from participating in their respective procurement proceedings, bidder or contractor who either:</p> <ul style="list-style-type: none"> i. Involved in corrupt and fraudulent practices as defined in Rule-2 of Public Procurement Rules; ii. Fails to perform his contractual obligations; and iii. Fails to abide by the id securing declaration; <p>49.2 The show cause notice shall contain: (a) precise allegation, against the bidder or contractor; (b) the maximum period for which the Procuring Agency proposes to debar the bidder or contractor from participating in any public procurement of the Procuring Agency; and (c) the statement, if needed, about the intention of the Procuring Agency to make a request to the Authority for debarring the bidder or contractor from participating in public procurements of all the procuring agencies.</p> <p>49.3 The procuring agency shall give minimum of seven days to the bidder or contractor for submission of written reply of the show cause notice.</p> <p>49.4 In case, the bidder or contractor fails to submit written reply within the requisite time, the Procuring Agency may issue notice for personal hearing to the bidder or contractor/ authorize representative of the bidder or contractor and the procuring agency shall decide the matter on the basis of available record and personal hearing, if availed.</p> <p>49.5 In case the bidder or contractor submits written reply of the show cause notice, the Procuring Agency may decide to file the matter or direct issuance of a notice to the bidder or contractor for personal hearing.</p> <p>49.6 The Procuring Agency shall give minimum of seven days to the bidder or contractor for appearance before the specified officer of the Procuring Agency for personal hearing. The specified officer shall decide the matter on the basis of the available record and personal hearing of the bidder or contractor, if availed.</p> <p>49.7 The procuring Agency shall decide the matter within fifteen days from the date of personal hearing unless the personal hearing is adjourned to a next date and in such an eventuality, the period</p>

	<p>of personal hearing shall be reckoned from the last date of personal hearing.</p> <p>49.8 The Procuring Agency shall communicate to the bidder or contractor the order of debarring the bidder or contractor from participating in any public procurement with a statement that the bidder or contractor may, within thirty days, prefer a representation against the order before the Authority.</p> <p>49.9 Such blacklisting or barring action shall be communicated by the procuring agency to the Authority and respective bidder or bidders in the form of decision containing the grounds for such action. The same shall be publicized by the Authority after examining the record whether the procedure defined in blacklisting and debarment mechanism has been adhered to by the procuring agency.</p> <p>49.10 The bidder may file the review petition before the Review Petition Committee Authority within thirty days of communication of such blacklisting or barring action after depositing the prescribed fee and in accordance with “Procedure of filing and disposal of review petition under Rule-19(3) Regulations, 2021”. The Committee shall evaluate the case and decide within ninety days of filing of review petition</p> <p>49.11 The committee shall serve a notice in writing upon all respondent of the review petition. The notices shall be accompanied by the copies of review petition and all attached documents of the review petition including the decision of the procuring agency. The parties may file written statements along with essential documents in support of their contentions. The Committee may pass such order on the representation may deem fit.</p> <p>49.12 The Authority on the basis of decision made by the committee either may debar a bidder or contractor from participating in any public procurement process of all or some of the procuring agencies for such period as the deemed appropriate or acquit the bidder from the allegations. The decision of the Authority shall be final.</p>
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SECTION III: BID DATA SHEET

Section III. Bid Data Sheet (BDS)

BDS Clause Number	ITB Number	Amendments of, and Supplements to, Clauses in the Instruction to Bidders
1. INTRODUCTION		
1.	1.1	<p>Name of Procuring Agency: PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd.</p> <p>The Description (as specified in Invitation to Bids) of the Goods is: SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS</p> <p>Period for Contract: As per delivery schedule. Complete project which includes but not limited to supply, installation, commissioning, testing and training shall be done within 12 months from the date of issuance of purchase order (LC). (Mandatory)</p> <p>Complete project which includes but not limited to supply, installation, commissioning, testing and training shall be done within 08-10 months from the date of issuance of purchase order (LC). (Preferable)</p>
2.	2.1	<p>Financial year for the operations of the Procuring Agency: [2024-25]</p> <p>Name of Project: SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS</p> <p>Name and identification number of the Contract: Tender # FP-3353</p>
3.	3.1	Joint Venture is NOT Applicable
4.	4.1	Ineligible country(s) are [<i>as per Section IV of the Bidding Documents</i>]
5.	4.5	Demonstration of authorization by manufacturer: Manufacturer's Authorization Form is required.
2. BIDDING DOCUMENTS		
6.	7.2	The number of documents to be completed and returned is one original. Each page duly signed and stamped.
7.	8.1	<p>The address for clarification of Bidding Documents is</p> <p style="text-align: center;">Deputy General Manager (Purchase) Purchase Department, PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd (Wholly owned subsidiary of State Bank of Pakistan) Jinnah Avenue, Malir Halt, Karachi Phone: (92-21)-99248511-15, Fax : (92-21)-99248534 Email: foreign.purchase@pspc.gov.pk, Website: www.PSPC.gov.pk</p>

	8.5	Pre-bid meeting (Physical or online) will be held on January 13, 2024 at 11:00 AM (PST) at Rumi Hall, Pakistan Security Printing Corporation Pvt Ltd. Jinnah Avenue, Malir Halt, Karachi. For participation in pre-bid meeting, potential bidders can forward details of participant i.e. Name, CNIC No. & issue date, vehicle# etc. at least one day before the meeting at foreign.purchase@pspc.gov.pk . In case of online meeting request, Zoom meeting link will be share with willing participant in reply of his/her email.
3. PREPARATION OF BIDS		
1.	10.1	The Language of all correspondences and documents related to the Bid is English.
2.	11.1 (h)	In addition to the documents stated in ITB 11 , the following documents must be included with the Bid <ul style="list-style-type: none"> a) Affidavit for Bidder's Blacklisting Status b) Declaration for Beneficial Ownership
3.	12.3 (c)	Other procurement specific documentation requirements are Not Required
4.	12.4	The Bidder shall be required to provide an undertaking that they will ensure to supply spare parts, having at least 10 years warranty for electrical/ electronic and 15 years for mechanical spares of operation from the date of Acceptance Certificates of the supplied items. In case of up gradation or modification in software or spare parts, Supplier will notify the Procuring Agency in advance for technological upgrades.
5.	13.3 (b)	The eligibility and qualification criteria required from Bidders in ITB 13.3(b) is modified as follows: <ul style="list-style-type: none"> a. <i>This invitation for Bids is open to all original Manufacturers / Authorized Agents / Supplier of Foreign manufacturers in Pakistan.</i> b. <i>Bidders should not be under a declaration of ineligibility for corrupt and fraudulent practices issued by any Government (Federal, Provincial), a local body and international or a public sector organization.</i> c. <i>In case of local agent, they must be registered with Income Tax and Sales Tax Department and must appear on the Active Tax Payers List of FBR.</i> <p>The Bidder is required to include with its Bid, documentation from the manufacturer of the goods that it has been duly authorized to deliver, in Pakistan, the goods as indicated in its Bid.</p>
	Samples	
6.	15.7 (a) (i)	For goods manufactured or delivered from within Pakistan:- Not Applicable
7.	15.6 (b)	For goods offered from abroad the price quoted shall be: <p>Price shall be quoted on FOB basis. Sea freight and air freight cost should be mentioned separately. Its Procuring Agency's discretion to issue Purchase Order on incoterm FOB, C&F or CPT etc.</p>

		<p>The prices shall be quoted in the bid exclusive of all taxes, duties, and levies applicable in Pakistan.</p> <p>Rejected / faulty item(s) shall be replaced on Free of Cost (FOC) basis and shall be sent on incoterm DDP (Delivered Duty Paid).</p>
8.	15.8	The price shall be fixed.
9.	16.1 (a)	<p>a) For goods and related services originating or delivering within Pakistan, the currency of the Bid shall be Not applicable.</p> <p>b) For goods and related services that the Bidder will deliver from outside Pakistan: FOB basis</p>
10.	17.1	The Bid Validity period shall be 90 days.
11.	18.1	<p>The amount of Bid Security shall be 2% of total value (excluding duty & taxes)</p> <p>The currency of the Bid Security shall be: US\$ Dollar, Euro, Pound Sterling, Japanese Yen or equivalent to Pak rupees for conversation of bid security amount, the rate of exchange shall be the selling rate prevailing on the date of preparation of pay order / demand draft for bid security as notified by SBP on that date.</p>
12.	18.3	The Bid Security shall be in favor of Procuring Agency in the form of: <i>either Payment Order/Bank Draft or an unconditional Bank Guarantee enforceable in Pakistan</i>
13.	18.3 (c)	Another Security: Not Applicable .
14.	19.1	Alternative Bids to the requirements of the Bidding Documents will not be permitted.
15.	21.1	The number of copies of the Bid to be completed and returned shall be None .
16.	21.2	Duly notarized Power of Attorney authorizing the signatory of the Bidder to submit the Bid.
17.	21.2	Written confirmation of authorization to be provided by the bidder.
4. SUBMISSION OF BIDS		
18.	22.2 (a)	<p>Bid shall be submitted at the office of:</p> <p style="text-align: center;">Deputy General Manager (P) Purchase Department, PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd (Wholly owned subsidiary of State Bank of Pakistan) Jinnah Avenue, Malir Halt, Karachi Phone: (92-21)-99248511-15, Fax :(92-21)-99248534 Email: foreign.purchase@pspc.gov.pk, Website: www.PSPC.gov.pk</p> <p style="text-align: center;">OR</p> <p style="text-align: center;">To be dropped in the tender box placed at PSPC factory gate on or before deadline.</p>
19.	22.2 (b)	Title of the subject Procurement or Project name: SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY

		<p><i>AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS</i></p> <p>ITB title and No: <i>Tender # FP-3353</i></p> <p>Time and date of Bid submission;</p> <p>Tuesday, 04 February, 2025 11:00 AM</p>
20.	23.1	<p>The deadline for Bid submission is:</p> <p>Tuesday, 04 February, 2025 11:00 AM</p>
5. OPENING AND EVALUATION OF BIDS		
21.	26.1	<p>The Bid opening shall take place at:</p> <p>Admin-1, PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd, Jinnah Avenue, Malir Halt, Karachi- Pakistan.</p> <p>Tuesday, 04 February, 2025 11:30 AM</p> <p>In case of any unforeseen reasons, unrest or force majeure, which may cause delay on the bid opening date, the bids shall be opened on the next working day at the same place and time.</p> <p>The opening date of Financial Proposal will be communicated to the eligible bidders by the Procuring Agency.</p>
22.	27	<p>Information relating to evaluation of bids and recommendations concerning to award of the contract shall not be disclosed by the Procuring Agency to the bidders or to any other person who is not officially concerned with the process, until the announcement of the result of evaluation.</p> <p>The Bidder shall not disclose or attempt to make public any information relating to the bidding documents, bidding process and award of the contract to any person or entity without the Procuring Agency's prior written consent.</p> <p>In case of any disclosure related to the bidding process and contractual obligations at any stage by any bidder, the Procuring Agency may reject its bid and/or terminate the contract.</p>
23.	32.2	<p>The currency that shall be used for Bid evaluation and comparison:</p> <p>For price comparison of bids quoted in different currencies, the price would be converted into single currency, the rates of exchange shall be the selling rate prevailing on the date of financial bid(s) opening as notified by SBP on that day.</p>
24.	33.4 (h)	Other specific criteria are Nil

25.	33.5 (b)	<p>Delivery schedule:</p> <p>The goods covered under this invitation are required to be delivered (shipped) within an acceptable range of weeks specified in the Schedule of Requirement.</p> <p>No credit will be given to earlier deliveries, and Bids offering delivery beyond this range will be treated as non-responsive.</p>
26.	33.5 (c) (ii)	Deviation in payment schedule is Not Applicable .
27.	33.5 (d)	<p>Cost of spare parts.</p> <p>The Bidder undertake to supply the spare parts to the Procuring Agency without any additional cost. In respect thereof, all necessary spare parts will be required to maintain the Machinery & Equipment during the Warranty Period. The Bidder will have to provide the spare parts sufficient enough to perform the obligations under the Warranty Period.</p>
28.	33.5(e)	<p>Spare parts and after sales service facilities in Pakistan.</p> <p>Not applicable</p>
29.	33.5 (f)	<p>Operating and maintenance costs.</p> <p>Not applicable</p>
30.	33.5 (g)	<p>Performance and productivity of Equipment</p> <p>Items offered shall have a minimum productivity specified under the relevant provision to be considered responsive as specified in the Technical Specifications.</p>
31.	33.5 (h)	Specific additional criteria to be used in the evaluation and their evaluation method or reference to the Technical Specifications is Not Applicable .
32.	33.6	<p>In case of award to a single Bidder of multiple lots; the methodology of evaluation to determine the lowest evaluated Lot combinations, including any discounts offered in the Form of Bid is:-</p> <p>Bidder(s) shall submit bid for Complete Requirement, evaluation of bids and award of contract(s) will be made for the Complete Requirement as specified in bid evaluation criteria.</p>
33.	34.1	Domestic preference Not Applicable .
34.	35	<p>Evaluation Techniques</p> <p>Quality and Cost Based Selection (QCBS)</p> <p>In such combination, there shall be some specific weightage of both the technical features (such as prescribed in ITB 35.2) and financial aspects of the proposal. The financial marks shall be awarded on the basis of inverse proportion calculations. The highest ranked bid shall be declared, on the basis of combined evaluation.</p>

		<p>Evaluation of the bids and award of contract will be done for the complete requirement.</p> <p>The bidders' minimum Eligibility will be ascertained totally on compliance-based method as per Bidders Eligibility Criteria.</p> <p>It is mandatory for bidder(s) to comply each clause of technical specification i.e. clause # 1 to 10 of technical specification and shall obtain full marks. In case of non-compliance, bid shall not be further evaluated and returned to the bidder(s).</p> <p>Bid(s) of technically compliant bidder(s) shall be evaluated in detail on Quality Cost Based Selection method.</p> <p>Financial Proposals of the technically qualified proposals only shall be opened.</p> <p>The Financial Bid(s) will be evaluated on the basis of unit price (FOB) and lowest bid will be obtained maximum marks.</p> <p>The contract will be awarded on cumulative Quality Cost Based Selection method which emerged as most advantageous bid.</p> <ul style="list-style-type: none"> • Scoring of Technical 60% Weightage • Scoring of Financial 40% Weightage
6. AWARD OF CONTRACT		
35.	40.1	Percentage for quantity increase or decrease is 15% .
36.	43.1	05% Performance Guarantee is required of the total contract amount for the entire contract period.
37.	43.2	The Performance Guarantee shall be in the form of Payment order / Demand Draft or an unconditional Bank Guarantee enforceable in Pakistan as per Performance Guarantee form specified in the Bidding Documents.
38.	44.1	The Advance Payment is Not Applicable .
39.	44.2	The Advance Payment is Not Applicable .
40.	45.1	In case of any dispute and difference which may arise in connection with the execution of the contract, the matter shall be referred to Managing Director of Corporation, who shall take decision in the matter. In case the dispute remains unresolved, the matter will be resolved through arbitration as per the Arbitration Act, 1940.
7. REVIEW OF PROCUREMENT DECISIONS		
41.	48.1	The address of the Procuring Agency Chairman (Grievance Redressal Committee) PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd Jinnah Avenue, Malir Halt, Karachi - Pakistan
	48.6	The Address of PPRA to submit a copy of grievance: Grievance Redressal Appellate Committee, Public Procurement Regulatory Authority



		1 st Floor, G-5/2, Islamabad, Pakistan Tel: +92-51-9202254
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SECTION IV: ELIGIBLE COUNTRIES

All the bidders are allowed to participate in the subject procurement without regard to nationality, except bidders of some nationality, prohibited in accordance with policy of the Federal Government.

Following countries are ineligible to participate in the procurement process:

1. India
2. Israel

Ministry of Interior, Government of Pakistan has notified List of Business-Friendly Countries (BVL). Information can be accessed through following link:

<http://www.dgip.gov.pk/Files/Visa%20Categories.aspx#L>



**SECTION V: SCHEDULE OF REQUIREMENTS, TECHNICAL
SPECIFICATIONS**



Schedule of Requirement

Complete project which includes but not limited to supply, shipment, installation, commissioning, testing and training shall be done within 12 months from the date of issuance of Letter of Credit (LC).

At the delivery site of the Procuring Agency, on FOB basis.

Following information to be filled by bidder.

1.	Country of Origin	
2.	Port of Shipment	
3.	Validity of offer	
4.	Shipment Schedule	
5.	Authorization Certificate in case of local indenter	
6.	Sales Tax Certificate in case of local indenter	
7.	Income Tax Certificate	



Technical Specifications

1. Scope of Project and Requirements:

The PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd intends to procure **SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS.**

1.1. Delivery:

Delivery will be considered accomplished when offered Items will be delivered at Procuring Agency's site i.e. respective department as per schedule of requirement.

1.2. Installation (if any):

Installation will be considered accomplished when offered Items will be installed at Procuring Agency's site i.e. respective PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd as per requirement specified in BOQ.

1.3. Integration (if any):

Integration means that all the necessary configuration of the offered Items is according to the Procuring Agency's requirement and ready for the use.

1.4. Operational Acceptance (if any):

Operational Acceptance means that the offered machine has been installed, configured, integrated and operational after testing in accordance with the standard procedure provided by the OEM along with compliance of all the specifications outlines in BOQ by buyer.

1.5. Training & Documentation (if any):

The bidder will provide formal hands on training and documentation as specified in BOQ.

1.6. Factory Acceptance Test & Site Acceptance Test (if any):

The bidder will provide FAT & SAT as specified in BOQ.

Technical Requirements

SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS (As per BOQ)

Implementation Schedule

SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS

Complete project which includes but not limited to supply, shipment, installation, commissioning, testing and training shall be done within 12 months from the date of issuance of Letter of Credit (LC).



Technical Requirements

SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS

All mandatory requirements must be complied by the bidder for minimum qualification. In case of non-compliance, bid shall be disqualified.

BILL OF QUANTITY		
1.	Feeder	Requirement Category
1.1	Machine should have accurate paper transfer ensuring efficient paper feeding system and automatic paper size adjustment capability. The machine must have standard non-stop feeding capability for continuous operation with facility for an auxiliary pile.	Mandatory
1.2	Machine should have a non-stop stream feeder capable of running at a production speed of 10,000 sheets per hour. It should have a minimum capacity to pile 10,000 sheets.	Mandatory
1.3	Provision of anti-static system at the feeder and delivery to eliminate electro static charge ensuring smooth transportation of sheets without any stoppages.	Mandatory
1.4	Machine should be fitted with a suitable sheet separation mechanism to ensure trouble-free feeding.	Mandatory
1.5	The machine must be fully compatible to handle different types of substrates (cotton based, wood pulp based, blended, polymer and hybrid) with various printed and non-printed security features including holographic security threads, foils, windows, stripe or patch with GSM between 80 to 110 without compromising on production capacity and efficiency.	Mandatory
1.6	Foreign material detecting device should be installed just after the feeder head in order to avoid accidents due to any external material.	Mandatory
1.7	The feeder should be capable to auto-align the sheets during transportation despite of slight tilting in sheets on feeder pile to avoid unnecessary stoppages.	Mandatory
1.8	Separate operators' panel (moveable) which should be operable via touch screen.	Mandatory
1.9	The feeder unit should be suitable for accommodating trouble-free feeding of sticky and wavy sheets.	Mandatory
1.10	The machine must ensure perfect sheet alignment during transportation, preventing any tilting or misalignment across the machine. It must accommodate the full range of compatible sheet formats, from short to large, with consistent precision and reliability. The System should be equipped with high-efficiency sensors capable of detecting any misaligned or tilted sheets, triggering an immediate stop to prevent the feeding of incorrectly aligned sheets into the machine to avoid sheet tearing and dropping.	Mandatory

1.11	Highly efficient and reliable infeed sensors to ensure sheet alignment, detect wrong paper (other than banknote), inverted sheet (wrong orientation), folded corner (from any corner) and double sheet.		Mandatory
1.12	Safety Devices for feeder and registration unit.		Mandatory
1.13	Maximum sheet size = 700 mm x 820 mm (Length x Width) Minimum sheet size = 475 mm x 450 mm (Length x Width)		Mandatory
2.	Inspection Unit		
2.1	Sheet Transfer System	Efficient and smooth sheet transfer across the machine while ensuring no flapping/waviness (especially at sheet edges) during image capturing.	Mandatory
2.2	Image Capturing	High-resolution (up to maximum 0.2 x 0.2 mm per pixel) for precise image capture, enabling efficient inspection of even very thin/fine and intricate designs of banknote.	Mandatory
		High-resolution (up to maximum 0.1 x 0.1 mm per pixel) or less for precise image capture, enabling efficient inspection of even very thin/fine and intricate designs of banknote.	Preferable
2.3	Inspection Scope	i. All visible colors and design elements (Front + Back)	Mandatory
		ii. Fluorescence/Ultraviolet (UV) inks (Front + Back)	Mandatory
		iii. Infrared (IR) absorbent inks (Front + Back)	Mandatory
		iv. Integrity of substrate (cotton, polymer and hybrid) like holes, crease, contaminants etc.	Mandatory
		v. Embedded features of substrate like watermarks, security thread etc.	Mandatory
		vi. Designs featuring 3D dynamic effects with color movement and shifting at different viewing angles	Mandatory
		Ability to check magnetism in ink(s), security thread and foil/stripes according to the user defined areas.	Preferable
2.4	Display	Live inspecting sheets should display on large wall screen_(minimum 65 inch) comprised of either single or multiple screens. The wall screen should be adjustable to operator's need by employing ready-made and user-assembled screen layouts.	Mandatory
		Separate operator's screen which should be operable via touchscreen.	Mandatory
		Captured images should be zoomable enabling the operator to visualize and count the pixels.	Mandatory



2.5	HMI	The human-machine interface (HMI) should be user friendly developed on the Microsoft Windows or any other related platform (which must be included in the supply).	Mandatory
2.6	Color Perception Model	Similar to human color perception model like “CIE Lab color space” or equivalent/better.	Preferable
2.7	Intensity Channel (Must be fully compatible to detect each type of minor and major defect regardless of their shape with adjustable tolerance control)	Detection of over-inking defects with adjustable tolerances for intensity deviation (in terms of grayscale values or relatable values) and error size (in terms of number of pixels or area size) separately.	Mandatory
		Detection of under-inking defects with adjustable tolerances for intensity deviation (in terms of grayscale values or relatable values) and error size (in terms of number of pixels or area size) separately.	Mandatory
2.8	Color Channel	Detection of hue deviation and color/ink mixing in the print.	Mandatory
		Adjustable tolerances for both color deviation and error size separately.	Mandatory
2.9	Register Measurements	Detection of misregistered print with respect to sheet edges.	Mandatory
		Detection of misregistration between printing phases like intaglio vs offset vs screen printing.	Mandatory
		Adjustable tolerances (in millimeters) for deviations in register measurements.	Mandatory
2.10	Folded Corner	Detection of folded corner on all inspection stations.	Mandatory
2.11	Repositioning (Must be capable to ensure precise repositioning of banknotes within sheet image)	The system must be capable to ensure perfect repositioning of each and every element of each banknote within a sheet for flawless inspection. (If positioning windows are used for aforementioned purpose, the system should ensure precise repositioning of images with providing minimum five positioning windows / tie points with provision of single note wise and multi-print phase wise application of positioning windows/ tie points, and each positioning window/tie point should have separate colored symbol for ease in distinguishing between the different positioning windows.)	Mandatory
2.12	Tolerance Groups	Options to create, name, edit and delete tolerance groups for all inspection stations.	Mandatory

		Provision to make minimum 30 tolerance groups for color/RGB stations and minimum 15 tolerance groups for other inspection stations.	Mandatory
2.13	Regions	Ability to define region of interest on each banknote with polygons (minimum 300 points) and definite shapes like triangle, rectangle and ellipse. Image should be able to zoom (enlarge) while drawing the regions enabling the operator to visualize and count the pixels. Also, provision to move whole region of interest in the note grid.	Mandatory
		Options for edit, accurately copy and delete regions.	Mandatory
		Option to assign priority to overlapping masks/regions.	Mandatory
2.14	Adaptability to Tolerable Variations Or Learning and Expansion of Reference Model	The inspection system must be capable of accommodating all tolerable variations in printed sheets that occurs during bulk production. This may be achieved either by using learning and expansion of reference model or any other efficient method.	Mandatory
		The system is preferred to allow the user to develop the inspection reference by passing both good sheets and sheets with tolerable variations through the machine. This process should enable the system to learn and accommodate all tolerable printing variations for user-selectable inspection station, ensuring realistic inspection with no false detections.	Preferable
		The system is preferred to provide an option to expand the reference or add sampling to the learned reference during continuous operations. This feature should enable the user to upgrade the reference over time to accommodate evolving tolerable variations, ensuring realistic inspection and minimizing false detections. The system should include the following capabilities: i. Provision of tolerance group wise, note wise and station wise selective expansion of reference model. ii. Ability to save live images (at-least 1000 images) and perform expansion of reference model without stopping inspection.	Preferable
		The system should be capable of using jitter option (artificial fluctuation), as follows: i. To assign separate jitter for each inspection station when creating a new reference (learning) or upgrading the reference (expand or add sampling).	Mandatory

		<p>ii. To apply/edit user defined jitter values layer wise/positioning window wise on running machine without any need of update learning.</p> <p>iii. Jitter value should be adjustable in pixels (at-least 0.1 to 4 pixels).</p> <p style="text-align: center;">OR</p> <p>An alternative equivalent configuration to the aforementioned option, that ensure region wise sensitivity adjustment of reference to ensure no pseudo error appear for overlapping phases or register measurement.</p>	
		Ability to inspect saved images on simulation mode along with tolerance adjustments (fine tuning).	Preferable
2.15	Windowed Security Thread	The inspection system must accurately inspect print quality in the wandering/wobbling area of the security thread on both front and back side of sheet, regardless of thread movement, while fully avoiding pseudo errors/defects during inspection.	Mandatory
2.16	Foil/Hologram/Stripe/Window/Patch (Pseudo errors/defects must be fully avoided during this inspection).	Capability to inspect misregistration, missing portion, image/design, size, shape, and dynamic color effects of foils, holograms, stripes, windows, and patches.	Preferable
2.17	User Interface	Interface should be user friendly with fast processing speed and free of bugs.	Mandatory
		Auto pop-up of real time defects, at-least up to 10 most recent defects, and clicking on any of those pop-ups should point out the position of defect in the defected sheet on inspection screen.	Mandatory
		Password protection with provision of minimum 06 users.	Mandatory
		Provision of tools (like pipette/pointing tool or any relevant tool) to determine grayscale values and distance between two points on sheets.	Preferable
		Interface should be connectable to the customized interface to the ERP solution of the procuring agency (PSPC).	Preferable
2.18	History and Statistics	Detailed statistics per sheet, note, station, tolerance group, region, inspection channel.	Mandatory
		User defined shift-wise, batch-wise and operator-wise data recording.	Mandatory
		Auto-generation of statistical reports including charts and trends.	Mandatory
		Machine events should also be recorded in the history.	Mandatory



		Data should be exportable to external devices.	Mandatory
2.19	Storage and Backup	Ability to save up to 50 jobs without compromising on system efficiency.	Mandatory
		Import and export complete jobs to and from external drives.	Mandatory
		The inspection system must store defect history for each batch/shift run, including the sequence number of sheet counters, a screenshot of the defective part of the note, and the note's location on the grid. This data must be retained for at least 30 days.	Preferable
2.20	Gridding	Provision for at-least 6 columns and 10 rows as defined by the user.	Mandatory
		The grid should automatically adjust for each note on a sheet despite of slight tilting (tolerable variation) in print, based on user-defined parameters (corners), ensuring efficient alignment and accuracy during running machine.	Mandatory
2.21	Marking & Sorting	Cost effective and efficient system for marking of each faulty banknote at user defined area on sheet with black color. Also, there must be a provision to turn off marking option whenever required by the user (exclusively for inspection system).	Mandatory
		Mark size = As defined and adjustable by the user with minimum size of 30 mm x 5 mm (Width x Length)	Mandatory
		Machine must ensure quick setting/curing of marking inks to eliminate lead time for drying.	Mandatory
		Machine is preferred to be compatible with quick setting inks for marking to ensure zero lead time for ink drying without need to use any dryer.	Preferable
		Provision for printing the grid location number of defective(s) banknote(s) along with the respective inspection station (e.g. A1 Front UV, B2 Back IR, E5 Front RGB, etc.) on gutter margin of sheet (front-lay side) when the marking system is turned off. This will facilitate if the marking would be done physically at any later stage.	Preferable
		The system should have capability of sorting defective sheets based on the following categories: 1. One bad pile (minimum capacity 5000 sheets) for part waste sheets (having randomly distributed defective notes across the sheet) 2. One pocket (minimum capacity 500 sheets) for the full waste sheets.	Preferable



		<p>3. At least 2 pockets (capacity 500 sheets each) for user defined column-wise defect segregation</p> <p>Additionally, the system should have flexibility to define number of defective notes by user for declaring the sheet full waste along with marking all notes across the sheet.</p> <p>Note: The design of pockets must not be like the full delivery piles (as mentioned in mandatory requirement) so that the extra space may be avoided and the design of pockets will remain with minimum possible space. Moreover, the financial impact of preferred configuration should be quoted separately in the financial bid. However, the procuring agency reserves the right to evaluate the proposals and make the final decision for inclusion or exclusion of this feature at the sole discretion of procuring agency.</p>	
3.	Delivery Unit		
3.1	No. of delivery piles	<p>At-least 4 interchangeable piles as per following categories:</p> <ol style="list-style-type: none"> i. 02 x Good Piles (for sheets declared good by inspection unit). ii. 02 x Bad Piles (for sheets declared bad by inspection system and infeed sensors, and test sheets, mis-fed sheets, un-inspected sheets). <p>All piles must be designed to ensure continuous and non-stop machine operations for each individual pile without interruption while removing reams from the pile.</p>	Mandatory
3.2	Capacity for Good and Bad Piles	Minimum 5,000 sheets per pile	Mandatory
		10,000 sheets per pile.	Preferable
3.3	Interchangeable configuration	Delivery system should have option to choose and convert piles designations electronically as per the production requirement.	Mandatory
3.4	Counting Mechanism	Efficient and reliable counting system for shift-wise, day-wise and batch-wise counting of sheets. The system must ensure the perfect reconciliation of processed sheets	Mandatory



3.5	Continuous Operation with Faulty Piles	The machine must be able to continue running even if one of the piles become non-operational due to a fault. The system should automatically deactivate the faulty piles and maintain production using the remaining operational pile(s) without halting the entire process.	Mandatory
3.6	Auto-Synchronization	Format setting during the job change must be done from the main console automatically (electronic-based) sync with the feeder and delivery.	Mandatory
4.	General Requirements		
4.1	Complete project which includes but not limited to supply, shipment, installation, commissioning, testing and training shall be done within 12 months from the date of issuance of Letter of Credit (LC).		Mandatory
4.2	Complete project which includes but not limited to supply, shipment, installation, commissioning, testing and training shall be done within 8 months from the date of issuance of Letter of Credit (LC).		Preferable
4.3	Supply and Services must comply with the need of all related Electrical, Electronics, & Mechanical Equipment and its related auxiliaries		Mandatory
4.4	Minimum Required Machine Speed: i. Mechanical = 12,000 Sheets/Hour ii. Rated/Production = 10,000 Sheets/Hour		Mandatory
4.5	<p>(a) The vendor must ensure the trouble-free continuous operation of machine during the warranty period. Vendor shall be responsible to arrange the spare part(s) at his own cost immediately (or within 7 days in case of foreign import) during the warranty period of 02 years. In case, the buffer inventory is required to be maintained by the vendor, it should be either maintained by the local agent of vendor or they may use the space provided by PSPC at the vendor's cost.</p> <p>In case of deviation from clause (a) consequential losses may be applicable at the discretion of the buyer.</p> <p>(b) Complete set of recommended/critical machine consumables to facilitate two-year trouble-free operation on continuous 24/7 basis. However, the list of consumables along with detail (including consumption pattern) must be provided in the bid.</p>		Mandatory
	<p>(c-) For a trouble-free operation of the machine a recommended list of spares that need to be maintained at buyer end shall be provided by the bidder along with individual item costs and needs to be quoted as a separate item in the bid with the option of the buyer, it would be the discretion of buyer to choose to either buy or not to buy the recommended additional spares.</p>		



4.6	Provision of all machine programs/software with complete backup images and updated electrical and mechanical drawing in hard and soft form.	Mandatory
4.7	OEM shall provide two years trouble free operational warranty with effective from successful SAT. The warranty must include back up support including a 02 Nos of health check visits that also includes all repairs (for instance all the repairing or replacement work required to resolve the on-going machine related problems must be carried out by foreign technician during health checks or earlier if required. <i>The timeline for the execution of health checks will be decided mutually during the warranty period.</i>	Mandatory
4.8	Technical training of maintenance teams from electronics and mechanical team of PSPC for best practices and troubleshooting issues of the machine at manufacturer site as well as at PSPC premises after installation.	Mandatory
4.9	On-site installation, testing and commissioning and putting into operation complete machine with all its related systems. After installation of machine at PSPC premises, the supplier shall provide onsite hands-on training to PSPC operation and maintenance teams. The entire cost of training including travelling, lodging and boarding of the trainer(s) shall be borne by the supplier.	Mandatory
4.10	In case of any uncertain damage of installed parts, the provision of respective part on FOC basis must be ensured under the warranty period claim.	Mandatory
4.11	Standalone Supporting Equipment should be provided separately (for example Vacuum Pump/ Main Air compressor, HVAC related Auxiliaries, Electric Cabinet of the line, Switch Gear Cabinet, Power Supply and Control Cabinet, Thermoregulation Units, Expert Workstation and so forth).	Mandatory
4.12	Specifications of the auxiliary equipment provided with machine should be compatible with operating conditions of machine	Mandatory
4.13	All accessories required for operation and maintenance of the machine shall be provided along with Machine. Tools kit, One Service PC/Laptop/Test units for PLC programming, Drive configuration module, fault finding, loading, editing, and correction shall be provided along with each machine.	Mandatory
4.14	Mechanisms on both the drive and operation sides of the press shall be fully covered and suitable lubrication shall be employed to ensure safety, reduced wear and tear, maintain accuracy, and improve durability of the machine. Safety covers and safety switches shall be provided to protect the machine operators and maintenance engineers from accidents resulting in stopping of the machine and activation of safety locks whenever necessary.	Mandatory

4.15	The supplier shall have to submit following documents each in English Language in soft form as well as 06 sets in hard form: 1- Operation manual of the machine 2- Maintenance manual with drawings of system assembly/sub assembly with part list / bearing, oil seal position & standard bearing numbers. 3- Electrical circuit diagram, Fault finding Charts and Spare Parts catalogue 4- Hydraulic and Pneumatic diagrams 5- All PLC Program & parameters in hard as well as soft copies on USB 6- Complete list of error messages and their suggested diagnostic and remedial guidance 7- Back up of all applications and system software in original/licensed copy. All these systems and application software must have life time validity (License Free).	Mandatory
4.16	Detailed manual of inspection system describing each concept in detail	Mandatory
4.17	Comprehensive video tutorials related to operations and maintenance procedures.	Preferable
4.18	Training of 12 number of persons at manufacturer site before supply of the machine. The entire cost of travelling, lodging and boarding shall be borne by customer except cost of training.	Mandatory
4.19	The machine's User Interface (UI) shall be operator friendly and easy to control. The user shall be able to control machine from any of the available console.	Mandatory
4.20	Faults encountered leading to stoppage of the machine shall be displayed with fault description and location, and for each fault code corrective action shall be displayed by the system.	Mandatory
4.21	The levels of noise for main working areas of the machine, at times of full output shall not exceed the international standards.	Mandatory
4.22	The operator should have easy accessibility to machine areas for physical extraction of dropped sheets.	Mandatory
5.	Hardware/Software Requirements	
5.1	Main computer unit with LED monitor (wall sized).	Mandatory
5.2	Extended communication PCB / Service Laptop (for communication with PLC)	Mandatory
5.3	Shall have suitable equipment security protection for start-up.	Mandatory
5.4	In the event of a malfunction of the machine, the troubleshooting function shall provide its reason and remedy/solution on the display monitor.	Mandatory
5.5	The replacement cycle of Lubrication filter/oil, Hydraulic filter/oil, Pump filter (feeder/delivery) shall be controlled and a warning signal shall be displayed when the item is due for replacement on main console.	Mandatory
5.6	System shall monitor the real-time machine running condition, as well as Real Time Monitoring Defects Data.	Mandatory

5.7	Any future software upgrades to be provided free of cost from point of installation till 10 years.	Preferable
6.	Real Time Monitoring Data	
6.1	A real-time visualization of key metrics such as total feed count, defect count, defective percentage, good percentage and processing speed etc.	Mandatory
6.2	The system should seamlessly integrate with existing Enterprise Resource Planning (ERP) or Management Information Systems (MIS) to synchronize data and provide a holistic view of production. It should also have the capability to export real-time data and reports for further analysis or archiving in other systems.	Mandatory
6.3	Maintenance reminders (different intervals of running hours of machine like 200, 1200, 2500, 5000) should also be included.	Preferable
6.4	Separate displays should be ensured for monitoring the machine health (including all the machine units)	Preferable
6.5	Secure access controls are essential to ensure that only authorized personnel can view or modify real-time monitoring settings and data.	Mandatory
7.	Electrical/Electronic/Mechanical Work Requirement	
7.1	Install circuit breakers in the panels rated for the machine's power consumption to protect against overloads and short circuits, and include fuses for additional protection if needed. Provide a dedicated electrical panel for the machine, including necessary switches, breakers, and indicators.	Mandatory
7.2	Proper grounding of the machine is required to ensure safety and compliance with electrical standards. Use reliable grounding techniques to minimize electrical hazards. If specified, provide an Uninterruptible Power Supply (UPS) system to ensure continuous operation during power outages and to protect against voltage fluctuations. The UPS should be rated to support the machine's power requirements, with sufficient backup time.	Mandatory
7.3	High-quality, insulated power cords suitable for the machine's power load should be provided. Conduct thorough testing of electrical installations, including power supply, grounding, and circuit protection, to ensure proper operation, after installation commissioning of the machine.	Mandatory
7.4	All electrical connections should be secure and comply with safety regulations.	Mandatory
7.5	Ensure the PLCs are programmed correctly to handle machine operations and include redundancy or backup systems to prevent downtime. Sensors should be calibrated for accuracy and properly integrated with the machine's control system.	Mandatory
7.6	Documentation for electronic components should include wiring diagrams, configuration settings, and maintenance procedures.	Mandatory
7.7	Ensure that electronic systems are tested thoroughly after installation and operation, with support available for troubleshooting and repairs.	Mandatory
7.8	Documentation should include detailed assembly instructions, maintenance schedules, and troubleshooting guidelines for the mechanical systems.	Mandatory

7.9	<p>Assembly drawings having exploding 3D views with proper part numbers / identification number wherever necessary in searchable pdf format to facilitate dismantling and assembly during maintenance shall be provided by the successful bidder. Also, provide all kind of manuals (Operator manual, Electrical documentation, Manuals of Equipment provided by Sub suppliers of machine, Electronic drawing or any other manual required for troubleshooting of machine (including sub-suppliers/manufacturers).</p>	Mandatory
7.10	<p>List of spare parts with a proper consumption pattern and average life shall be furnished by the successful bidder.</p>	Mandatory
7.11	<p>International standards (where applicable):</p> <ul style="list-style-type: none"> • ASME-BPVC based certification & ASME-BPVC PRD for pressure relief valves used in pneumatics or equivalent. • ASTM / ISO based Tensile, Yield and Strain Testing certificates for Metallurgy/Material of Machine and its Spares or their Equivalent. • ASTM / ISO based Impact Load Testing of Material/Metallurgy of Machine or their Equivalent. • IEC 60204 Safety of machinery – Electrical equipment of machines or their equivalent. • IEC 60038 IEC Standard Voltages or their equivalent. • IEC 60059 IEC standard current ratings or their equivalent. • ISO 9001, 14001 and 45001 or their equivalent. • Or any other international standard if applicable. <p>For all mechanical, electrical and electronic items such as spare components, Lubrications, Sensors, PLC, Drives, Pneumatics and Hydraulics shall be provided by the successful bidder. Declaration to this effect is to be given by the bidder along with the technical bid.</p>	Mandatory
7.12	<p>Side frames of the machines shall be provided with a transparent viewing area (sight glasses) wherein the user will be in a position to see the moving parts/dropped sheets and specifically inspection unit, while the machine is running.</p>	Preferable
7.13	<p>Provision for Remote Maintenance Service (online) facility to be ensured. Upon SAT of the machine, the online technical support service facility will be activated. The service period for online technical support will commence from the date of operational acceptance and continue for the entire lifespan of the machine.</p> <ol style="list-style-type: none"> a. The online technical support service facility shall be available within business hours of the OEM, on weekdays (Monday to Friday). b. The bidder shall ensure a prompt response time (i.e. within one business day) for technical support queries, aiming to address issues and aid in a timely manner. 	Mandatory

7.14	The mechanical spare parts catalogue of each unit should be in isometric view i.e., the exploded view that helps in assembling the required part.	Mandatory
8.	Factory Acceptance Test (FAT)	
8.1	Verification of all safety features and safety interlockings of machine.	Mandatory
8.2	Verify functionality of each and every unit of machine, including but not limited to feeder, in-feed, inspection, marking, sorting and delivery units.	Mandatory
8.3	Verification of all sensors and actuators during production and in idle condition of machine	Mandatory
8.4	Electrical and electronic components, including wiring, sensors, and communication modules, must be tested to ensure correct installation and functionality. Software and firmware should be verified for correct installation and updates, with software functionalities including configuration, monitoring, and diagnostics features tested.	Mandatory
8.5	A trial run of machine without inspection of sheets at the mechanical speed of 12,000 sheets/hour, to ensure the smooth transfer of sheets from feeder to delivery without any stoppage	Mandatory
8.6	Inspection of 10,000 sheets at the speed of 10,000 Sheets/hr within 70 minutes without bugs/error.	Mandatory
8.7	The aforementioned trial inspection run must be done on 5000 sheets of each substrates (cotton and polymer) having double sided intaglio print. 100% Cotton based substrate should have window embedded 4 mm wide holographic thread. The substrate must have screen printed patch having, color shifting, dynamic movement of colors and 3D visual effects like SPARK-Flow-Dimension or equivalent feature. Polymer substrate should have at-least 10 mm wide demetallized foil. The sheet format size of 689 x 799 mm (92±2 GSM) should be used. The responsibility of arranging the substrates will be fulfilled by the vendor at his own cost. The trial result will be considered satisfactory if machine inspect the sheets without defect omission and pseudo errors.	Mandatory
8.8	Further, the trial inspection run must be done on 40 reams (i.e., 20,000 sheets) of existing product of PSPC. The bidders shall be responsible to assess the specification of respective product prior to submit the bid at their own liability. Note: This trial will be subjected to the discretion of PSPC.	Mandatory
8.9	Other Auxiliary Equipment operations and compatibility with machine must be ensured during the both trials and in idle condition of machine	Mandatory
8.10	FAT should be conducted under required environmental conditions.	Mandatory
8.11	Practical compliance of all the specifications outlines in BOQ. Any issues or deficiencies found during the FAT should be documented and resolved prior to shipment. Formal sign-off between the authorized representatives of procuring agency and OEM/supplier is required to confirm that the machine has passed the FAT and is ready for shipment.	Mandatory



9.	Site Acceptance Test (SAT)	Preference
9.1	Verification of all sensors and actuators during production and in idle condition of machine	Mandatory
9.2	Electrical and electronic components, including wiring, sensors, and communication modules, must be tested to ensure correct installation and functionality. Software and firmware should be verified for correct installation and updates, with software functionalities including configuration, monitoring, and diagnostics features tested.	Mandatory
9.3	A trial run of machine without inspection of sheets at the mechanical speed of 12,000 sheets/hour, to ensure the smooth transfer of sheets from feeder to delivery without any stoppage	Mandatory
9.4	Inspection of 10,000 sheets at the speed of 10,000 Sheets/hr within 70 minutes without bugs/error.	Mandatory
9.5	<p>The trial and inspection run must be done on actual complete product range of PSPC as follow:</p> <ol style="list-style-type: none"> 1. 689 x 714 (mm) 2. 689 x 639 (mm) 3. 698 x 679 (mm) 4. 689 x 719 (mm) 5. 689 x 759 (mm) 6. 689 x 799 (mm) 7. 689 x 676 (mm) <p>Additionally, 8,000 sheets of polymer substrate will also be tested and the substrate will be provided by PSPC.</p> <p>Note: Polymer trial will be subjected to the discretion of PSPC.</p>	Mandatory
9.6	Other Auxiliary Equipment operations and compatibility with machine must be ensured during both: the trials and in the idle condition of machine.	Mandatory
9.7	All acceptance criteria specified in the tender document must be met, with any deviations or issues identified during testing addressed and resolved before final acceptance. Any issues or deficiencies found during the SAT should be documented and resolved by the bidder prior to approve SAT.	Mandatory
9.8	On-site installation, testing and commissioning and putting into operation complete machine with all its related systems	Mandatory
9.9	Practical compliance of all the specifications outlines in BOQ.	Mandatory



Technical Evaluation Criteria:

All mandatory items must be complied by the bidder for minimum qualification. In case of non-compliance, bid shall not be further evaluated.

After fulfilling mandatory requirement completely, following evaluation criteria shall be followed further. The procuring agency reserves the right to evaluate each preferable requirement and make the final decision for inclusion or exclusion of each preferable complied features/requirements for all bidders at its sole discretion of procuring agency.

S.No	Preferable Requirement	Referred Clause	Criteria	Total Marks
1.	High-resolution for precise image capture, enabling efficient inspection of even very thin/fine and intricate designs of banknote. (at-least for front and back RGB/visible stations)	2.2	0.15 x 0.15 mm per pixel to 0.17 x 0.17 mm per pixel	20
			0.11 x 0.11 mm per pixel to 0.14 x 0.14 mm per pixel	50
			0.1 x 0.1 mm per pixel or less	80
2.	Sheet transportation system	2.1	Vacuum (The system should ensure to keep the sheet intact during sheet transportation across the machine i.e. the sheet must not be dropped in case of any stoppage excluding power failure)	50
			Gripper The gripper chain mechanism, ensure the following: i. Side lay mechanism on each side to ensure proper alignment/registration of sheet along with efficient sensor to detect any out of range/missing sheet which should be delivered on designated pile/pocket without marking. ii. Minimum of 06 pre-front lays/front lay stoppers, adjustable by the user up to ± 5 mm, to ensure precise alignment and registration of the sheet. iii. The System should be equipped with high-efficiency sensors capable of detecting any	20

S.No	Preferable Requirement	Referred Clause	Criteria	Total Marks
			misaligned or tilted sheets, triggering an immediate stop to prevent the feeding of incorrectly aligned sheets into the machine to avoid sheet tearing and dropping.	
3.	The system is preferred to allow the user to develop the inspection reference by passing both good sheets and sheets with tolerable variations through the machine. This process should enable the system to learn and accommodate all tolerable printing variations for user-selectable inspection station, ensuring realistic inspection with no false detections.	2.14	Capable to learn user-defined number of sheets (at least 100 in single pass) for user-defined inspection station.	30
4.	The system is preferred to provide an option to expand the reference or add sampling to the learned reference during continuous operations. This feature should enable the user to upgrade the reference over time to accommodate evolving tolerable variations, ensuring realistic inspection and minimizing false detections. The system should include the following capabilities: <ul style="list-style-type: none"> i. Provision of tolerance group wise, note wise and station wise selective expansion of reference model. ii. Ability to save live images (at-least 1000 images) and perform expansion of reference model without stopping inspection. 	2.14	The system must be capable of expanding the reference for user-defined inspection stations by allowing a user-defined number of sheets (at least 100 sheets or images in single pass) to be added through both options: <ul style="list-style-type: none"> i. Physically passing the sheets through the machine. ii. Utilizing saved images, without need to stop the machine or inspection <p>Additionally, during the reference expansion process, the system must provide the ability to apply jitter (or an equivalent option) separately to each positioning window or layer.</p>	40
5.	Ability to check magnetism in ink(s), security thread and foil/stripes according to the user defined areas.	2.3	Compliance	15
6.	Similar to human color perception model like "CIE Lab color space" or equivalent/better.	2.6	Compliance	20
7.	Ability to inspect saved images on simulation mode along with tolerance adjustments (fine tuning).	2.14	Compliance	20
8.	Capability to inspect misregistration, missing portion, image/design, size, shape, and dynamic color effects of foils, holograms, stripes, windows, and patches. Pseudo errors/defects must be fully avoided during this inspection	2.16	Compliance	15
9.	Provision of tools (like pipette tool or any relevant tool) to determine	2.17	Compliance	10

S.No	Preferable Requirement	Referred Clause	Criteria	Total Marks
	grayscale values and distance between two points on sheets.			
10.	Interface should be connectable to the customized interface to the ERP solution of the procuring agency (PSPC).	2.17	Compliance	30
11.	The inspection system must store defect history for each batch/shift run, including the sequence number of sheet counters, a screenshot of the defective part of the note, and the note's location on the grid. This data must be retained for at least 30 days. The data must be exportable to external drive for archiving	2.19	Compliance with storage time for 30 days	20
			Compliance with storage time for 60 days or more	30
12.	Machine is preferred to be compatible with quick setting inks for marking to ensure zero lead time for ink drying without need to use any dryer.	2.21	Compliance	40
13.	Provision for printing the grid location number of defective(s) banknote(s) along with the respective inspection station (e.g. A1 Front UV, B2 Back IR, E5 Front RGB, etc.) on gutter margin of sheet (front lay side) when the marking system is turned off. This will facilitate for better learning of system about acceptable print variations if the marking would be done physically at any later stage.	2.21	Compliance	70
14.	<p>The system should have provision of sorting bins/pockets as follows:</p> <ol style="list-style-type: none"> 1. One pocket (minimum capacity 500 sheets) for the full waste sheets. 2. Two pockets (capacity 500 sheets each) for user defined column-wise defect segregation <p>Additionally, the system should have flexibility to define number of defective notes by user for declaring the sheet full waste, along with marking all notes across the sheet.</p> <p>Note: The design of pockets must not be like the full delivery piles (as mentioned in mandatory requirement) so that the extra space may be avoided and the design of pockets will remain with minimum possible space. Moreover, the financial impact of preferred configuration should be quoted separately in the financial bid. However, the procuring agency</p>	2.21	Compliance	60

S.No	Preferable Requirement	Referred Clause	Criteria	Total Marks
	reserves the right to evaluate the proposals and make the final decision for inclusion or exclusion of this feature at the sole discretion of procuring agency.			
15.	The transformation of one out of two mandatory bad pile into Bin/Pocket (having capacity of 100 sheets) to accommodate the un-inspected and test/rejected sheets. This transformation must not be designed like the full delivery piles (as mentioned in mandatory requirement) so that the extra space may be avoided and the design of bin/pocket will remain with minimum possible space.	3.1	Compliance	50
16.	Capacity of Good and Bad Piles (not bin/pocket)	3.2	10,000 sheets per pile	10
17.	Project Completion timeline which includes but not limited to supply, shipment, installation, commissioning, testing and training.	4.2	Within 8 months (from the date of issuance of Letter of Credit (LC).	30
18.	Rated production/inspection speed regardless of sheet format.	4.4	11,000 Sheets/hr	10
			12,000 sheets/hr or above	20
19.	Comprehensive video tutorials related to operations and maintenance procedures.	4.17	Compliance	30
20.	Any future software upgrades to be provided free of cost from point of installation till 10 years.	5.7	Compliance	20
21.	Maintenance reminders (different intervals of running hours of machine like 200, 1200, 2500, 5000) should also be included.	6.3	Compliance	20
22.	Separate displays should be ensured for monitoring the machine health (including all the machine units)	6.4	Compliance	10
23.	Side frames of the machines shall be provided with a transparent viewing area (sight glasses) wherein the user will be in a position to see the moving parts/dropped sheets and specifically inspection unit, while the machine is running.	7.12	Compliance	10



- **Scoring of Technical 60% Weightage**

Total Preferable Requirements = 23 (maximum achievable points = 710)

In case a bidder (X) complies with all preferable requirements with achieving maximum points (i.e., 710) the technical score of bidder X (Xt) is equal to **60 out of 60 Marks**

Similarly, in case bidder (Y) comply with all preferable requirements but with the overall score of 610 considering he has complied with the provision of gripper-based transfer system (refereeing clause #2.1) then the technical scoring will be as follow;

$$Y_t = \text{Score Achieved} / \text{Total Preferable Requirements} = 610/710 = 0.859 \text{ (3 decimal place)}$$

$$= 0.859 \times 60 = 51.54 \text{ (round-off to 2 decimal place)}$$

- **Scoring of Financial 40% Weightage**

The weightage of Financial Evaluation will be 40%.

The Financial bid will be evaluated as per following criteria. The lowest quoted bid say Bid-Y will be awarded full 40 Marks. The other higher bid say Bid-X will be awarded marks in Financial evaluation as:-

$$\text{Marks awarded to Bid-X} = (\text{Price quoted in lowest BidY} \div \text{Price quoted in BidX}) \times 40.$$

Bids	Price Quoted	Marks awarded in Financial Evaluation
Xf	1200	$(1000 \div 1200) = 0.833$ (round-off to 3 decimal place) $0.833 \times 40 = 33.32$ (round-off to 2 decimal place)
Yf	1000	40

Bids are ranked according to their combined technical and financial scores, i.e.,

$$\text{Total (Bidder X)} = X_t + X_f = 60 + 33.32 = \mathbf{93.32} \text{ (round-off to 2 decimal place)}$$

$$\text{Total (Bidder Y)} = Y_t + Y_f = 51.54 + 40 = \mathbf{91.54} \text{ (round-off to 2 decimal place)}$$

Payment Schedule	
Upon Presentation of Shipping Documents in our Bank	60%
After issuance of Satisfactory Job Completion Certificate	30%
After completion of defect liability period	10%

**SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY
AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR
BANKNOTE PRINTED SHEETS**

**COMPLIANCE SHEET FOR MANDATORY
REQUIREMENTS**

FEEDER		COMPLIANCE	
		AGREE	DISAGREE
1.1	Machine should have accurate paper transfer ensuring efficient paper feeding system and automatic paper size adjustment capability. The machine must have standard non-stop feeding capability for continuous operation with facility for an auxiliary pile.		
1.2	Machine should have a non-stop stream feeder capable of running at a production speed of 10,000 sheets per hour. It should have a minimum capacity to pile 10,000 sheets.		
1.3	Provision of anti-static system at the feeder and delivery to eliminate electro static charge ensuring smooth transportation of sheets without any stoppages.		
1.4	Machine should be fitted with a suitable sheet separation mechanism to ensure trouble-free feeding.		
1.5	The machine must be fully compatible to handle different types of substrates (cotton based, wood pulp based, blended, polymer and hybrid) with various printed and non-printed security features including holographic security threads, foils, windows, stripe or patch with GSM between 80 to 110 without compromising on production capacity and efficiency.		
1.6	Foreign material detecting device should be installed just after the feeder head in order to avoid accidents due to any external material.		
1.7	The feeder should be capable to auto-align the sheets during transportation despite of slight tilting in sheets on feeder pile to avoid unnecessary stoppages.		
1.8	Separate operators' panel (moveable) which should be operable via touch screen.		
1.9	The feeder unit should be suitable for accommodating trouble-free feeding of sticky and wavy sheets.		
1.10	The machine must ensure perfect sheet alignment during transportation, preventing any tilting or misalignment across the machine. It must accommodate the full range of compatible sheet formats, from short to large, with consistent precision and reliability. The System should be equipped with high-efficiency sensors capable of detecting any misaligned or tilted sheets, triggering an immediate stop to prevent the feeding of incorrectly aligned sheets into the machine to avoid sheet tearing and dropping.		
1.11	Highly efficient and reliable infeed sensors to ensure sheet alignment, detect wrong paper (other than banknote), inverted sheet (wrong orientation), folded corner (from any corner) and double sheet.		
1.12	Safety Devices for feeder and registration unit.		
1.13	Maximum sheet size = 700 mm x 820 mm (Length x Width) Minimum sheet size = 475 mm x 450 mm (Length x Width)		



INSPECTION UNIT			COMPLIANCE	
			AGREE	DISAGREE
2.1	Sheet Transfer System	Efficient and smooth sheet transfer across the machine while ensuring no flapping/waviness (especially at sheet edges) during image capturing.		
2.2	Image Capturing	High-resolution (up to maximum 0.2 x 0.2 mm per pixel) for precise image capture, enabling efficient inspection of even very thin/fine and intricate designs of banknote.		
2.3	Inspection Scope	All visible colors and design elements (Front + Back)		
		Fluorescence/Ultraviolet (UV) inks (Front + Back)		
		Infrared (IR) absorbent inks (Front + Back)		
		Integrity of substrate (cotton, polymer and hybrid) like holes, crease, contaminants etc.		
		Embedded features of substrate like watermarks, security thread etc.		
		Designs featuring 3D dynamic effects with color movement and shifting at different viewing angles		
2.4	Display	Live inspecting sheets should display on large wall screen_(minimum 65 inch) comprised of either single or multiple screens. The wall screen should be adjustable to operator's need by employing ready-made and user-assembled screen layouts.		
		Separate operator's screen which should be operable via touchscreen.		
		Captured images should be zoomable enabling the operator to visualize and count the pixels.		
2.5	HMI	The human-machine interface (HMI) should be user friendly developed on the Microsoft Windows or any other related platform (which must be included in the supply).		
2.7	Intensity Channel (Must be fully compatible to detect each type of minor and major defect regardless of their shape with adjustable tolerance control)	Detection of over-inking defects with adjustable tolerances for intensity deviation (in terms of grayscale values or relatable values) and error size (in terms of number of pixels or area size) separately.		
		Detection of under-inking defects with adjustable tolerances for intensity deviation (in terms of grayscale values or relatable values) and error size (in terms of number of pixels or area size) separately.		



2.8	Color Channel	Detection of hue deviation and color/ink mixing in the print.		
		Adjustable tolerances for both color deviation and error size separately.		
2.9	Register Measurements	Detection of misregistered print with respect to sheet edges.		
		Detection of misregistration between printing phases like intaglio vs offset vs screen printing.		
		Adjustable tolerances (in millimeters) for deviations in register measurements.		
2.10	Folded Corner	Detection of folded corner on all inspection stations.		
2.11	Repositioning (Must be capable to ensure precise repositioning of banknotes within sheet image)	The system must be capable to ensure perfect repositioning of each and every element of each banknote within a sheet for flawless inspection. (If positioning windows are used for aforementioned purpose, the system should ensure precise repositioning of images with providing minimum five positioning windows / tie points with provision of single note wise and multi-print phase wise application of positioning windows/ tie points, and each positioning window/tie point should have separate colored symbol for ease in distinguishing between the different positioning windows.)		
2.12	Tolerance Groups	Options to create, name, edit and delete tolerance groups for all inspection stations.		
		Provision to make minimum 30 tolerance groups for color/RGB stations and minimum 15 tolerance groups for other inspection stations.		
2.13	Regions	Ability to define region of interest on each banknote with polygons (minimum 300 points) and definite shapes like triangle, rectangle and ellipse. Image should be able to zoom (enlarge) while drawing the regions enabling the operator to visualize and count the pixels. Also, provision to move whole region of interest in the note grid.		
		Options for edit, accurately copy and delete regions.		
		Option to assign priority to overlapping masks/regions.		
2.14	Adaptability to Tolerable Variations Or	The inspection system must be capable of accommodating all tolerable variations in printed sheets that occurs during bulk		



	<p>Learning and Expansion of Reference Model</p>	<p>production. This may be achieved either by using learning and expansion of reference model or any other efficient method.</p> <p>The system should be capable of using jitter option (artificial fluctuation), as follows:</p> <ul style="list-style-type: none"> iv. To assign separate jitter for each inspection station when creating a new reference (learning) or upgrading the reference (expand or add sampling). v. To apply/edit user defined jitter values layer wise/positioning window wise on running machine without any need of update learning. vi. Jitter value should be adjustable in pixels (at-least 0.1 to 4 pixels). <p style="text-align: center;">OR</p> <p>An alternative equivalent configuration to the aforementioned option, that ensure region wise sensitivity adjustment of reference to ensure no pseudo error appear for overlapping phases or register measurement.</p>		
<p>2.15</p>	<p>Windowed Security Thread</p>	<p>The inspection system must accurately inspect print quality in the wandering/wobbling area of the security thread on both front and back side of sheet, regardless of thread movement, while fully avoiding pseudo errors/defects during inspection.</p>		
<p>2.17</p>	<p>User Interface</p>	<p>Interface should be user friendly with fast processing speed and free of bugs.</p> <p>Auto pop-up of real time defects, at-least up to 10 most recent defects, and clicking on any of those pop-ups should point out the position of defect in the defected sheet on inspection screen.</p> <p>Password protection with provision of minimum 06 users.</p>		
<p>2.18</p>	<p>History and Statistics</p>	<p>Detailed statistics per sheet, note, station, tolerance group, region, inspection channel.</p> <p>User defined shift-wise, batch-wise and operator-wise data recording.</p> <p>Auto-generation of statistical reports including charts and trends.</p> <p>Machine events should also be recorded in the history.</p> <p>Data should be exportable to external devices.</p>		
<p>2.19</p>	<p>Storage and Backup</p>	<p>Ability to save up to 50 jobs without compromising on system efficiency.</p>		

		Import and export complete jobs to and from external drives.		
2.20	Gridding	Provision for at-least 6 columns and 10 rows as defined by the user.		
		The grid should automatically adjust for each note on a sheet despite of slight tilting (tolerable variation) in print, based on user-defined parameters (corners), ensuring efficient alignment and accuracy during running machine.		
2.21	Marking & Sorting	Cost effective and efficient system for marking of each faulty banknote at user defined area on sheet with black color. Also, there must be a provision to turn off marking option whenever required by the user (exclusively for inspection system).		
		Mark size = As defined and adjustable by the user with minimum size of 30 mm x 5 mm (Width x Length)		
		Machine must ensure quick setting/curing of marking inks to eliminate lead time for drying.		

DELIVERY UNIT		COMPLIANCE		
		AGREE	DISAGREE	
3.1	No. of delivery piles	At-least 4 interchangeable piles as per following categories: iii. 02 x Good Piles (for sheets declared good by inspection unit). iv. 02 x Bad Piles (for sheets declared bad by inspection system and infeed sensors, and test sheets, mis-fed sheets, un-inspected sheets). All piles must be designed to ensure continuous and non-stop machine operations for each individual pile without interruption while removing reams from the pile.		
3.2	Capacity for Good and Bad Piles	Minimum 5,000 sheets per pile		
3.3	Interchangeable configuration	Delivery system should have option to choose and convert piles designations electronically as per the production requirement.		
3.4	Counting Mechanism	Efficient and reliable counting system for shift-wise, day-wise and batch-wise counting of sheets. The system must ensure the perfect reconciliation of processed sheets		



3.5	Continuous Operation with Faulty Piles	The machine must be able to continue running even if one of the piles become non-operational due to a fault. The system should automatically deactivate the faulty piles and maintain production using the remaining operational pile(s) without halting the entire process.		
3.6	Auto-Synchronization	Format setting during the job change must be done from the main console automatically (electronic-based) sync with the feeder and delivery.		

GENERAL REQUIREMENTS		COMPLIANCE	
		AGREE	DISAGREE
4.1	Complete project which includes but not limited to supply, shipment, installation, commissioning, testing and training shall be done within 12 months from the date of issuance of Letter of Credit (LC).		
4.3	Supply and Services must comply with the need of all related Electrical, Electronics, & Mechanical Equipment and its related auxiliaries		
4.4	Minimum Required Machine Speed: iii. Mechanical = 12,000 Sheets/Hour iv. Rated/Production = 10,000 Sheets/Hour		
4.5	(c) The vendor must ensure the trouble-free continuous operation of machine during the warranty period. Vendor shall be responsible to arrange the spare part(s) at his own cost immediately (or within 7 days in case of foreign import) during the warranty period of 02 years. In case, the buffer inventory is required to be maintained by the vendor, it should be either maintained by the local agent of vendor or they may use the space provided by PSPC at the vendor's cost.		
	In case of deviation from clause (a) consequential losses may be applicable at the discretion of the buyer.		
	(d) Complete set of recommended/critical machine consumables to facilitate two-year trouble-free operation on continuous 24/7 basis. However, the list of consumables along with detail (including consumption pattern) must be provided in the bid.		
	(e) For a trouble-free operation of the machine a recommended list of spares that need to be maintained at buyer end shall be provided by the bidder along with individual item costs and needs to be quoted as a separate item in the bid with the option of the buyer, it would be the discretion of buyer to choose to either buy or not to buy the recommended additional spares.		
4.6	Provision of all machine programs/software with complete backup images and updated electrical and mechanical drawing in hard and soft form.		
4.7	OEM shall provide two years trouble free operational warranty with effective from successful SAT. The warranty must include back up		

	<p>support including a 02 Nos of health check visits that also includes all repairs (for instance all the repairing or replacement work required to resolve the on-going machine related problems must be carried out by foreign technician during health checks or earlier if required.</p> <p><i>The timeline for the execution of health checks will be decided mutually during the warranty period.</i></p>		
4.8	<p>Technical training of maintenance teams from electronics and mechanical team of PSPC for best practices and troubleshooting issues of the machine at manufacturer site as well as at PSPC premises after installation.</p>		
4.9	<p>On-site installation, testing and commissioning and putting into operation complete machine with all its related systems.</p>		
	<p>After installation of machine at PSPC premises, the supplier shall provide onsite hands-on training to PSPC operation and maintenance teams. The entire cost of training including travelling, lodging and boarding of the trainer(s) shall be borne by the supplier.</p>		
4.10	<p>In case of any uncertain damage of installed parts, the provision of respective part on FOC basis must be ensured under the warranty period claim.</p>		
4.11	<p>Standalone Supporting Equipment should be provided separately (for example Vacuum Pump/ Main Air compressor, HVAC related Auxiliaries, Electric Cabinet of the line, Switch Gear Cabinet, Power Supply and Control Cabinet, Thermoregulation Units, Expert Workstation and so forth).</p>		
4.12	<p>Specifications of the auxiliary equipment provided with machine should be compatible with operating conditions of machine</p>		
4.13	<p>All accessories required for operation and maintenance of the machine shall be provided along with Machine. Tools kit, One Service PC/Laptop/Test units for PLC programming, Drive configuration module, fault finding, loading, editing, and correction shall be provided along with each machine.</p>		
4.14	<p>Mechanisms on both the drive and operation sides of the press shall be fully covered and suitable lubrication shall be employed to ensure safety, reduced wear and tear, maintain accuracy, and improve durability of the machine. Safety covers and safety switches shall be provided to protect the machine operators and maintenance engineers from accidents resulting in stopping of the machine and activation of safety locks whenever necessary.</p>		
4.15	<p>The supplier shall have to submit following documents each in English Language in soft form as well as 06 sets in hard form:</p> <ul style="list-style-type: none"> 8- Operation manual of the machine 9- Maintenance manual with drawings of system assembly/sub assembly with part list / bearing, oil seal position & standard bearing numbers. 10- Electrical circuit diagram, Fault finding Charts and Spare Parts catalogue 11- Hydraulic and Pneumatic diagrams 12- All PLC Program & parameters in hard as well as soft copies on USB 		



	13- Complete list of error messages and their suggested diagnostic and remedial guidance Back up of all applications and system software in original/licensed copy. All these systems and application software must have life time validity (License Free).		
4.16	Detailed manual of inspection system describing each concept in detail		
4.18	Training of 12 number of persons at manufacturer site before supply of the machine. The entire cost of travelling, lodging and boarding shall be borne by customer except cost of training.		
4.19	The machine's User Interface (UI) shall be operator friendly and easy to control. The user shall be able to control machine from any of the available console.		
4.20	Faults encountered leading to stoppage of the machine shall be displayed with fault description and location, and for each fault code corrective action shall be displayed by the system.		
4.21	The levels of noise for main working areas of the machine, at times of full output shall not exceed the international standards.		
4.22	The operator should have easy accessibility to machine areas for physical extraction of dropped sheets.		

HARDWARE & SOFTWARE REQUIREMENTS		COMPLIANCE	
		AGREE	DISAGREE
5.1	Main computer unit with LED monitor (wall sized).		
5.2	Extended communication PCB / Service Laptop (for communication with PLC)		
5.3	Shall have suitable equipment security protection for start-up.		
5.4	In the event of a malfunction of the machine, the troubleshooting function shall provide its reason and remedy/solution on the display monitor.		
5.5	The replacement cycle of Lubrication filter/oil, Hydraulic filter/oil, Pump filter (feeder/delivery) shall be controlled and a warning signal shall be displayed when the item is due for replacement on main console.		
5.6	System shall monitor the real-time machine running condition, as well as Real Time Monitoring Defects Data.		

REAL-TIME MONITORING DATA		COMPLIANCE	
		AGREE	DISAGREE
6.1	A real-time visualization of key metrics such as total feed count, defect count, defective percentage, good percentage and processing speed etc.		
6.2	The system should seamlessly integrate with existing Enterprise Resource Planning (ERP) or Management Information Systems (MIS) to synchronize data and provide a holistic view of production. It should		



	also have the capability to export real-time data and reports for further analysis or archiving in other systems.		
6.5	Secure access controls are essential to ensure that only authorized personnel can view or modify real-time monitoring settings and data.		

ELECTRICAL/ELECTRONIC/MECHANICAL WORK REQUIREMENT		COMPLIANCE	
		AGREE	DISAGREE
7.1	Install circuit breakers in the panels rated for the machine’s power consumption to protect against overloads and short circuits, and include fuses for additional protection if needed. Provide a dedicated electrical panel for the machine, including necessary switches, breakers, and indicators.		
7.2	Proper grounding of the machine is required to ensure safety and compliance with electrical standards. Use reliable grounding techniques to minimize electrical hazards. If specified, provide an Uninterruptible Power Supply (UPS) system to ensure continuous operation during power outages and to protect against voltage fluctuations. The UPS should be rated to support the machine’s power requirements, with sufficient backup time.		
7.3	High-quality, insulated power cords suitable for the machine’s power load should be provided. Conduct thorough testing of electrical installations, including power supply, grounding, and circuit protection, to ensure proper operation, after installation commissioning of the machine.		
7.4	All electrical connections should be secure and comply with safety regulations.		
7.5	Ensure the PLCs are programmed correctly to handle machine operations and include redundancy or backup systems to prevent downtime. Sensors should be calibrated for accuracy and properly integrated with the machine’s control system.		
7.6	Documentation for electronic components should include wiring diagrams, configuration settings, and maintenance procedures.		
7.7	Ensure that electronic systems are tested thoroughly after installation and operation, with support available for troubleshooting and repairs.		
7.8	Documentation should include detailed assembly instructions, maintenance schedules, and troubleshooting guidelines for the mechanical systems.		
7.9	Assembly drawings having exploding 3D views with proper part numbers / identification number wherever necessary in searchable pdf format to facilitate dismantling and assembly during maintenance shall be provided by the successful bidder. Also, provide all kind of manuals (Operator manual, Electrical documentation, Manuals of Equipment provided by Sub suppliers of machine, Electronic drawing or any other manual required for troubleshooting of machine (including sub-suppliers/manufacturers).		
7.10	List of spare parts with a proper consumption pattern and average life shall be furnished by the successful bidder.		

7.11	<p>International standards (where applicable):</p> <ul style="list-style-type: none"> ASME-BPVC based certification & ASME-BPVC PRD for pressure relief valves used in pneumatics or equivalent. ASTM / ISO based Tensile, Yield and Strain Testing certificates for Metallurgy/Material of Machine and its Spares or their Equivalent. ASTM / ISO based Impact Load Testing of Material/Metallurgy of Machine or their Equivalent. IEC 60204 Safety of machinery – Electrical equipment of machines or their equivalent. IEC 60038 IEC Standard Voltages or their equivalent. IEC 60059 IEC standard current ratings or their equivalent. ISO 9001, 14001 and 45001 or their equivalent. Or any other international standard if applicable. <p>For all mechanical, electrical and electronic items such as spare components, Lubrications, Sensors, PLC, Drives, Pneumatics and Hydraulics shall be provided by the successful bidder. Declaration to this effect is to be given by the bidder along with the technical bid.</p>		
7.13	<p>Provision for Remote Maintenance Service (online) facility to be ensured.</p> <p>Upon SAT of the machine, the online technical support service facility will be activated. The service period for online technical support will commence from the date of operational acceptance and continue for the entire lifespan of the machine.</p> <p>c. The online technical support service facility shall be available within business hours of the OEM, on weekdays (Monday to Friday).</p> <p>d. The bidder shall ensure a prompt response time (i.e. within one business day) for technical support queries, aiming to address issues and aid in a timely manner.</p>		
7.14	<p>The mechanical spare parts catalogue of each unit should be in isometric view i.e., the exploded view that helps in assembling the required part.</p>		

FACTORY ACCEPTANCE TEST		COMPLIANCE	
		AGREE	DISAGREE
8.1	Verification of all safety features and safety interlockings of machine.		
8.2	Verify functionality of each and every unit of machine, including but not limited to feeder, in-feed, inspection, marking, sorting and delivery units.		
8.3	Verification of all sensors and actuators during production and in idle condition of machine		
8.4	Electrical and electronic components, including wiring, sensors, and communication modules, must be tested to ensure correct installation and functionality. Software and firmware should be verified for correct installation and updates, with software functionalities including configuration, monitoring, and diagnostics features tested.		



8.5	A trial run of machine without inspection of sheets at the mechanical speed of 12,000 sheets/hour, to ensure the smooth transfer of sheets from feeder to delivery without any stoppage		
8.6	Inspection of 10,000 sheets at the speed of 10,000 Sheets/hr within 70 minutes without bugs/error.		
8.7	The aforementioned trial inspection run must be done on 5000 sheets of each substrates (cotton and polymer) having double sided intaglio print. 100% Cotton based substrate should have window embedded 4 mm wide holographic thread. The substrate must have screen printed patch having, color shifting, dynamic movement of colors and 3D visual effects like SPARK-Flow-Dimension or equivalent feature. Polymer substrate should have at-least 10 mm wide demetallized foil. The sheet format size of 689 x 799 mm (92±2 GSM) should be used. The responsibility of arranging the substrates will be fulfilled by the vendor at his own cost. The trial result will be considered satisfactory if machine inspect the sheets without defect omission and pseudo errors.		
8.8	Further, the trial inspection run must be done on 40 reams (i.e., 20,000 sheets) of existing product of PSPC. The bidders shall be responsible to assess the specification of respective product prior to submit the bid at their own liability. Note: This trial will be subjected to the discretion of PSPC.		
8.9	Other Auxiliary Equipment operations and compatibility with machine must be ensured during the both trials and in idle condition of machine		
8.10	FAT should be conducted under required environmental conditions.		
8.11	Practical compliance of all the specifications outlines in BOQ. Any issues or deficiencies found during the FAT should be documented and resolved prior to shipment. Formal sign-off between the authorized representatives of procuring agency and OEM/supplier is required to confirm that the machine has passed the FAT and is ready for shipment.		

SITE ACCEPTANCE TEST		COMPLIANCE	
		AGREE	DISAGREE
9.1	Verification of all sensors and actuators during production and in idle condition of machine		
9.2	Electrical and electronic components, including wiring, sensors, and communication modules, must be tested to ensure correct installation and functionality. Software and firmware should be verified for correct installation and updates, with software functionalities including configuration, monitoring, and diagnostics features tested.		
9.3	A trial run of machine without inspection of sheets at the mechanical speed of 12,000 sheets/hour, to ensure the smooth transfer of sheets from feeder to delivery without any stoppage		
9.4	Inspection of 10,000 sheets at the speed of 10,000 Sheets/hr within 70 minutes without bugs/error.		
9.5	The trial and inspection run must be done on actual complete product range of PSPC as follow: <ul style="list-style-type: none"> • 689 x 714 (mm) • 689 x 639 (mm) • 698 x 679 (mm) 		



	<ul style="list-style-type: none"> • 689 x 719 (mm) • 689 x 759 (mm) • 689 x 799 (mm) • 689 x 676 (mm) <p>Additionally, 8,000 sheets of polymer substrate will also be tested and the substrate will be provided by PSPC.</p> <p>Note: Polymer trial will be subjected to the discretion of PSPC.</p>		
9.6	Other Auxiliary Equipment operations and compatibility with machine must be ensured during both: the trials and in the idle condition of machine.		
9.7	All acceptance criteria specified in the tender document must be met, with any deviations or issues identified during testing addressed and resolved before final acceptance. Any issues or deficiencies found during the SAT should be documented and resolved by the bidder prior to approve SAT.		
9.8	On-site installation, testing and commissioning and putting into operation complete machine with all its related systems		
9.9	Practical compliance of all the specifications outlines in BOQ.		

SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS

COMPLIANCE SHEET FOR PREFERABLE REQUIRMENTS

Sr. #	Preferable Requirement	Referred Clause of BOQ	Criteria	COMPLIANCE	
				AGREE	DISAGREE
1.	High-resolution for precise image capture, enabling efficient inspection of even very thin/fine and intricate designs of banknote. (at-least for front and back RGB/visible stations)	2.2	0.15 x 0.15 mm per pixel to 0.17 x 0.17 mm per pixel		
			0.11 x 0.11 mm per pixel to 0.14 x 0.14 mm per pixel		
			0.1 x 0.1 mm per pixel or less		
2.	Sheet transportation system	2.1	Vacuum (The system should ensure to keep the sheet intact during sheet transportation across the machine i.e. the sheet must not be dropped in case of any stoppage excluding power failure)		



Sr. #	Preferable Requirement	Referred Clause of BOQ	Criteria	COMPLIANCE	
				AGREE	DISAGREE
			<p>Gripper</p> <p>The gripper chain mechanism, ensure the following:</p> <p>iv. Side lay mechanism on each side to ensure proper alignment/registration of sheet along with efficient sensor to detect any out of range/missing sheet which should be delivered on designated pile/pocket without marking.</p> <p>v. Minimum of 06 pre-front lays/front lay stoppers, adjustable by the user up to ± 5 mm, to ensure precise alignment and registration of the sheet.</p> <p>vi. The System should be equipped with high-efficiency sensors capable of detecting any misaligned or tilted sheets, triggering an immediate stop to prevent the feeding of incorrectly aligned sheets into the machine to avoid sheet tearing and dropping.</p>		
3.	The system is preferred to allow the user to develop the inspection reference by passing both good sheets and sheets with tolerable variations through the machine. This process should enable the system to learn and accommodate all tolerable printing variations for user-selectable inspection station, ensuring realistic inspection with no false detections.	2.14	Capable to learn user-defined number of sheets (at least 100 in single pass) for user-defined inspection station.		
4.	The system is preferred to provide an option to expand the reference or add	2.14	The system must be capable of expanding the		



Sr. #	Preferable Requirement	Referred Clause of BOQ	Criteria	COMPLIANCE	
				AGREE	DISAGREE
	<p>sampling to the learned reference during continuous operations. This feature should enable the user to upgrade the reference over time to accommodate evolving tolerable variations, ensuring realistic inspection and minimizing false detections. The system should include the following capabilities:</p> <p>iii. Provision of tolerance group wise, note wise and station wise selective expansion of reference model.</p> <p>iv. Ability to save live images (at-least 1000 images) and perform expansion of reference model without stopping inspection.</p>		<p>reference for user-defined inspection stations by allowing a user-defined number of sheets (at least 100 sheets or images in single pass) to be added through both options:</p> <p>i. Physically passing the sheets through the machine.</p> <p>ii. Utilizing saved images, without need to stop the machine or inspection</p> <p>Additionally, during the reference expansion process, the system must provide the ability to apply jitter (or an equivalent option) separately to each positioning window or layer.</p>		
5.	Ability to check magnetism in ink(s), security thread and foil/stripes according to the user defined areas.	2.3	-		
6.	Similar to human color perception model like “CIE Lab color space” or equivalent/better.	2.6	-		
7.	Ability to inspect saved images on simulation mode along with tolerance adjustments (fine tuning).	2.14	-		
8.	Capability to inspect misregistration, missing portion, image/design, size, shape, and dynamic color effects of foils, holograms, stripes, windows, and patches. Pseudo errors/defects must be fully avoided during this inspection	2.16	-		
9.	Provision of tools (like pipette tool or any relevant tool) to determine grayscale values and distance between two points on sheets.	2.17	-		
10.	Interface should be connectable to the customized interface to the ERP solution of the procuring agency (PSPC).	2.17	-		
11.	The inspection system must store defect history for each batch/shift run, including the sequence number of sheet counters, a screenshot of the defective part of the note, and the note's location on the grid. This data must be retained for at least 30 days. The data must be	2.19	Compliance with storage time for 30 days		
			Compliance with storage time for 60 days or more		



Sr. #	Preferable Requirement	Referred Clause of BOQ	Criteria	COMPLIANCE	
				AGREE	DISAGREE
	exportable to external drive for archiving				
12.	Machine is preferred to be compatible with quick setting inks for marking to ensure zero lead time for ink drying without need to use any dryer.	2.21	-		
13.	Provision for printing the grid location number of defective(s) banknote(s) along with the respective inspection station (e.g. A1 Front UV, B2 Back IR, E5 Front RGB, etc.) on gutter margin of sheet (front lay side) when the marking system is turned off. This will facilitate for better learning of system about acceptable print variations if the marking would be done physically at any later stage.	2.21	-		
14.	<p>The system should have provision of sorting bins/pockets as follows:</p> <ol style="list-style-type: none"> 1. One pocket (minimum capacity 500 sheets) for the full waste sheets. 2. Two pockets (capacity 500 sheets each) for user defined column-wise defect segregation <p>Additionally, the system should have flexibility to define number of defective notes by user for declaring the sheet full waste, along with marking all notes across the sheet.</p> <p>Note: The design of pockets must not be like the full delivery piles (as mentioned in mandatory requirement) so that the extra space may be avoided and the design of pockets will remain with minimum possible space. Moreover, the financial impact of preferred configuration should be quoted separately in the financial bid. However, the procuring agency reserves the right to evaluate the proposals and make the final decision for inclusion or exclusion of this feature at the sole discretion of procuring agency.</p>	2.21	-		
15.	The transformation of one out of two mandatory bad pile into Bin/Pocket (having capacity of 100 sheets) to accommodate the un-inspected and test/rejected sheets. This transformation must not be designed like the full delivery piles (as mentioned in mandatory requirement) so that the extra space may be avoided and the	3.1	-		



Sr. #	Preferable Requirement	Referred Clause of BOQ	Criteria	COMPLIANCE	
				AGREE	DISAGREE
	design of bin/pocket will remain with minimum possible space.				
16.	Capacity of Good and Bad Piles (not bin/pocket)	3.2	10,000 sheets per pile		
17.	Project Completion timeline which includes but not limited to supply, shipment, installation, commissioning, testing and training.	4.2	Within 8 months (from the date of issuance of Letter of Credit (LC)).		
18.	Rated production/inspection speed regardless of sheet format.	4.4	11,000 Sheets/hr		
			12,000 sheets/hr or above		
19.	Comprehensive video tutorials related to operations and maintenance procedures.	4.17	-		
20.	Any future software upgrades to be provided free of cost from point of installation till 10 years.	5.7	-		
21.	Maintenance reminders (different intervals of running hours of machine like 200, 1200, 2500, 5000) should also be included.	6.3	-		
22.	Separate displays should be ensured for monitoring the machine health (including all the machine units)	6.4	-		
23.	Side frames of the machines shall be provided with a transparent viewing area (sight glasses) wherein the user will be in a position to see the moving parts/dropped sheets and specifically inspection unit, while the machine is running.	7.12	-		



**SECTION VI – STANDARD FORMS FOR
(Single Stage Two Envelope Procedure)**



Table of Forms

Sr. No.	Form No.	Description	Proposal Part
1	Form T1	Letter of Bid – Technical Proposal	Technical Proposal
2	Form T2	Bidder Information Form	Technical Proposal
3	Form T3	Bidder's Eligibility / Qualification Criteria	Technical Proposal
4	Form T4	Affidavit for Bidder's Blacklisting Status	Technical Proposal
5	Form T5	Declaration for Ultimate Beneficial Owners Information	Technical Proposal
6	Form T6	Manufacturer's Authorization Form	Technical Proposal
7	Form T7	PSPC Code of Conduct	Technical Proposal
8	Form T8	Undertaking for PSPC Code of Conduct	Technical Proposal
9	Form T9	Non-Disclosure Agreement	Technical Proposal
10	Form F1	Letter of Bid – Financial Proposal	Financial Proposal
11	Form F2	Price Schedule	Financial Proposal
12	Form F3	Form of Bid Security	Financial Proposal



TECHNICAL PROPOSAL FORMS

Form T1 – Letter of Bid (Technical Proposal)

INSTRUCTIONS TO BIDDERS: (delete this box once you have completed the document)

Place this Letter of Bid in the first envelope “TECHNICAL PROPOSAL”.

The Bidder must prepare the Letter of Bid on stationery with its letterhead clearly showing the Bidder’s complete name and business address.

Note: All italicized text in black font is to help Bidders in preparing this form and Bidders shall delete it from the final document.

Date of this Bid submission: Tuesday, 04 February, 2025

ITB No.: Tender # FP-3353

Title of Procurement: SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS

To: PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd

We, the undersigned Bidder, hereby submit our Bid, in two parts, namely:

- (a) The Technical Proposal, and
- (b) The Financial Proposal.

In submitting our Bid we make the following declarations:

- (a) **No reservations:** We have examined and have no reservations to the bidding document, including addenda issued in accordance with Instructions to Bidders (ITB 9);
- (b) **Eligibility:** We meet the eligibility requirements and have no conflict of interest in accordance with ITB 3;
- (c) **Bid/Proposal-Securing Declaration:** We have not been suspended nor declared ineligible by the Procuring Agency based on execution of a Bid Securing Declaration or Proposal Securing Declaration in the Procuring Agency’s country in accordance with ITB 4;
- (d) **Conformity:** We offer to supply in conformity with the bidding document and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Equipment: *SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS;*
- (e) **Bid Validity Period:** Our Bid shall be valid for the period specified in **BDS 17.1** (as amended, if applicable) from the date fixed for the Bid submission deadline specified in **BDS 23.1** (as amended, if applicable), and it shall remain binding upon us, and may be accepted at any time before the expiration of that period;
- (f) **Performance Security:** If our Bid is accepted, we commit to obtain a performance security in accordance with the bidding document;
- (g) **One Bid per Bidder:** We are not submitting any other Bid(s) as an individual Bidder, and we are not participating in any other bid(s) as a Joint Venture member or as a subcontractor, and meet the requirements, other than Alternative Bids submitted in accordance with **ITB 19**;
- (h) **Suspension and Debarment:** We, along with any of our subcontractors, suppliers, consultants, manufacturers, or service providers for any part of the contract, are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the Procuring Agency. Further, we are not ineligible under Pakistan laws;



- (i) **State-owned enterprise or institution:** *[select the appropriate option and delete the other] [We are not a state-owned enterprise or institution] / [We are a state-owned enterprise or institution but meet the requirements of];*
- (j) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (k) **Not Bound to Accept:** We understand that you are not bound to accept the Most Advantageous Bid or any other Bid that you may receive; and
- (l) **Fraud and Corruption:** We hereby certify that we have taken steps to ensure that no person acting for us, or on our behalf, engages in any type of Fraud and Corruption.

Name of the Bidder: *[insert complete name of Bidder]*

Name of the person duly authorized to sign the Bid on behalf of the Bidder: ** *[insert complete name of person duly authorized to sign the Bid]*

Title of the person signing the Bid: *[insert complete title of the person signing the Bid]*

Signature of the person named above: *[insert signature of person whose name and capacity are shown above]*

Date signed *[insert date of signing]* **day of** *[insert month]*, *[insert year]*

** : Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.



Form T2 – Bidder Information Form

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

ITB No: Tender # FP-3353

Title: SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY
AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR
BANKNOTE PRINTED SHEETS

Bidder: [Name of Applicant / Entity]

1. Bidder's Name <i>[insert Bidder's legal name]</i>
2. Bidder's actual or intended country of registration: <i>[insert actual or intended country of registration]</i>
3. Bidder's year of registration: <i>[insert Bidder's year of registration]</i>
4. Bidder's Address in country of registration: <i>[insert Bidder's legal address in country of registration]</i>
<p>5. Bidder's Authorized Representative Information</p> <p>Name: <i>[insert Authorized Representative's name]</i></p> <p>Address: <i>[insert Authorized Representative's Address]</i></p> <p>Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i></p> <p>Email Address: <i>[insert Authorized Representative's email address]</i></p>
<p>6. Attached are copies of original documents of <i>[check the box(es) of the attached original documents]</i></p> <p><input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above.</p> <p><input type="checkbox"/> Establishing that the Bidder is not under the supervision of the Procuring Agency</p> <p>7. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.</p>

**Form T3 – Bidder’s Eligibility / Qualification Criteria**

[The Bidder shall fill in this Form in accordance with the instructions indicated below. No alterations to its format shall be permitted and no substitutions shall be accepted.]

ITB No: Tender # FP-3353

 Title: SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY
 AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR
 BANKNOTE PRINTED SHEETS

Bidder: [Name of Applicant / Entity]

#	Eligibility / Qualification Criteria	Means of Verifications	Reference in Bid**	Bidder’s Assessment (Y/N)
a.	This invitation for Bids is open to all original Manufacturers / Authorized Agents of Foreign manufacturers in Pakistan for Supply of machine.	A letter from OEM stating that they are the OEM of the quoted item.		
b.	In case of local agent, the bidder must possess valid legally enforceable authorization from the Foreign Manufacturer; they should have a documentary proof to the effect that they are the original manufacturer of the required goods	OEM authorization letter is required for this procurement.		
c.	Bidders should not be under a declaration of ineligibility for corrupt and fraudulent practices issued by any Government (Federal, Provincial), a local and international body or a public sector organization.	Undertaking on N.J stamp paper (Value of stamp paper should be as per required value as per stamp duty act)		
d.	In case of local agent, they must be registered with Income Tax and Sales Tax Department and must appear on the Active Tax Payers List of FBR.	Attach copy of valid NTN, GST certificate and reference of Active Taxpayer list of FBR.		

Seal & Signature of Bidder: _____

Date: _____



Annex-1

Experience of Similar Assignment

#	Assignment / Product Description	Company / Name of Customer	Contact Person Name / Contact Details
1.			
2.			
3.			
4.			
5.			

Please attach copies of work/Purchase orders, contract or customer reference letter/email or any other reference document that can substantially prove the above.

Details of Trained/Experienced Resources

#	Resource Name	Certificate Details	Certificate Issuance Date
1.			
2.			
3.			
4.			

Office Address

#	Company Name	Complete Office Address	Office Numbers
1.			
2.			
3.			



Form T4 – Affidavit for Bidder’s Blacklisting Status

ITB No: Tender # FP-3353
 Title: SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY
 AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR
 BANKNOTE PRINTED SHEETS
 Bidder: _____

[Required on non-judicial stamp paper; value of stamp paper should be as per required value as per Stamp Duty Act]

To:

Deputy General Manager (Purchase)
 Purchase Department
 PAKISTAN SECURITY PRINTING CORPORATION(Pvt.) Ltd
 Jinnah Avenue, Malir Halt,
 Karachi –Pakistan

Affidavit for Bidder’s Blacklisting Status

Dear Sir,

I/We hereby confirm and declare that I/We, [Name of Applicant / Entity], has/have not been Blacklisted/Sanctioned by any Federal or Provincial Government Department, National Counter Terrorism Authority(NACTA), Agency, Organization or Autonomous Body anywhere in Pakistan during last 05 (five) years.

Detection of false declaration / statement at any stage of the entire Bidding Process / Currency of the Contract shall lead to Disqualification and forfeiture of Bid Security and/or Performance Guarantee and termination of contract.

Seal & Signature of Bidder: _____

Date: _____



Form T5 - Declaration for Ultimate Beneficial Owners Information

ITB No: Tender # FP-3353

Title: SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY
AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR
BANKNOTE PRINTED SHEETS

Bidder:

Declaration of Ultimate Beneficial Owners Information for Public Procurement Contracts

1. Name:
2. Father’s Name/Spouse’s Name:
3. CNIC/NICOP/Passport no:
4. Nationality:
5. Residential address:
6. Email address:
7. Date on which shareholding, control or interest acquired in the business:
8. In case of indirect shareholding, control or interest being exercised through intermediary companies, entities or other legal persons or legal arrangements in the chain of ownership or control, following additional particulars to be provided:

1	2	3	4	5	6	7	8	9	10
Name	Legal form (Company/Limited Liability Partnership/Association of Persons/Single Member Company/ Partnership Firm/ Trust/Any other individual, body corporate (to be specified))	Date of incorporation/ registration	Name of registering authority	Business Address	Country	Email address	Percentage of shareholding, control or interest of BO in the legal person or legal arrangement	Percentage of shareholding, control or interest of legal person or legal arrangement in the Company	Identity of Natural Person who ultimately owns or controls the legal person or arrangement



9. Information about the Board of Directors (details shall be provided regarding number of shares in the capital of the company as set opposite respective names).

1	2	3	4	5	6	7	8
Name and surname (InBlock Letters)	CNIC No. (in case of foreigner ,Passport No)	Father's/ Husband's Name in full	Current Nationality	Any other Nationality (ies)	Occupation	Residential address in full or the registered/ principal office address for a subscriber other than natural person	Number of shares taken by each subscriber (in figures and words)
Total number of shares taken (in figures and words)							

10. Any other information incidental to or relevant to Beneficial Owner(s).

Name & signature

(Person authorized to issue notice on behalf of the company)

Seal & Signature of Bidder:	
Date:	



Form T6 – Manufacturer’s Authorization Form

*[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its Bid, if so indicated in the **BDS.**]*

Invitation No: Tender # FP-3353

Title: SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY
AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR
BANKNOTE PRINTED SHEETS

Bidder: _____

To: *[PAKISTAN SECURITY PRINTING CORPORATION(Pvt.) Ltd]*

WHEREAS

We *[insert complete name of Manufacturer]*, who are official manufacturers of *[insert type of goods manufactured]*, having factories at *[insert full address of Manufacturer’s factories]*, do hereby authorize *[insert complete name of Bidder]* to submit a Bid the purpose of which is to provide the following Goods, manufactured by us *[insert name and or brief description of the Goods]*, and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 28 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: *[insert signature(s) of authorized representative(s) of the Manufacturer]*

Name: *[insert complete name(s) of authorized representative(s) of the Manufacturer]*

Title: *[insert title]*

Dated on _____ day of _____, _____ *[insert date of signing]*

**Form T7 – Form of PSPC Code of Conduct****CODE OF CONDUCT****Objective**

This Code of Conduct aims to establish PSPC's business and employment practices on the highest standards of ethical behavior, integrity, accountability, courage and excellence.

It also aims to ensure that all concerned adhere to PSPC's defined core values, act with prudence, protect the interests of PSPC and maintain a positive work environment.

Scope

This Code of Conduct is applicable on all PSPC Employees, Contract Employees, Trainees, Apprentices, Deputationist, Outsourced Workforce, and other stakeholders.

General Behavior

The ethical principles of the Corporation prevail over the concerned individual's personal origins, beliefs, values, opinions, preferences, or habits at all times. All concerned, while they are in PSPC's service, shall strictly adhere to the following rules of General Behavior at all times which include, but are not limited to, the following responsibilities:

- 3.1. Comply with all applicable laws, including, but not limited to, those pertaining to general employment, anti-fraud, corruption, bribery, anti-discrimination, anti-harassment, health, safety and environmental protection.
- 3.2. Conduct themselves honestly and carry out their duties diligently and impartially to the best of their abilities, in compliance with the applicable rules, regulations, policies and procedures, as defined by PSPC from time to time.
- 3.3. Maintain highest standards of ethics and professionalism and devote their working activities to the service of PSPC.
- 3.4. Not guarantee or promise employment of any type to anyone for any length of time.
- 3.5. Assist and advise colleagues and show openness and transparency in all dealings with them.
- 3.6. Do not withhold information from concerned colleagues that may affect the conduct of business, particularly in order to gain a personal advantage. Providing false, inaccurate



or exaggerated information, refusing to cooperate with colleagues or demonstrating any form of obstructive behavior is strictly not allowed.

3.7. Not indulge in any activity during off duty hours that directly or indirectly undermines the provisions of this Code, other PSPC rules, policies and procedures, or brings disrepute to PSPC.

3.8. Refrain from indulging in any illegal and unlawful activity including but not restricted to substance abuse and consumption of alcohol, drugs or any kind of intoxicant(s), as well as, any sort of gambling/betting activities, etc.

3.9. Officers of PSPC performing supervisory functions/roles on behalf of PSPC shall take every possible care to act within the delegated authority as provided by any law, rules or regulations under which such officers may purport to act.

Fraud, Embezzlement & Misrepresentation

4.1. All concerned shall not commit, or assist any activity that involves making false statements, fraud, forgery, misappropriation, theft, embezzlement, bribery, misrepresentation, violation of PSPC rules and regulations, policies and procedures or any similar activity that harms, or may harm the interest and reputation of PSPC.

4.2. Be honest in conveying professional conclusions, opinions, research and findings for whatever purpose and shall not manipulate the system for personal gains.

4.3. Refrain from indulging in any illegal and unlawful activity.

4.4. Abstain from any false or intentionally misleading information and declarations, bogus documents, and submit false or misleading claims with wrong information.

Discrimination and Harassment

5.1. All concerned shall treat all internal and external stakeholders with respect, fairness and courtesy and avoid all such forms of behavior that create or may create an atmosphere of harassment, hostility, intimidation and discrimination of any kind, especially involving age, gender, health, ancestry, physical disability, race, religion, length of service, political beliefs, marital status or family structure.

5.2. Shall not propagate in any manner whatsoever sectarianism, ethnic / regional hatred / animosity and take part in sectarian, ethnic, linguistic or parochial activities, as well as partiality or favoritism on these bases, indulge in nepotism, victimization, willful abuse of power, and unwarranted negative criticism and gossip about other employees.

5.3. Avoid creating / sending / forwarding electronic or any other form of communication that contains statements or material, which is discriminatory, offensive, defamatory, illegal or constituting harassment.

5.4. Refrain from engaging in any form of inappropriate relationship with persons with whom they have a professional relationship.

Confidentiality

6.1. All concerned shall maintain strict confidentiality of PSPC and its constituents affairs and shall not communicate directly or indirectly to their colleague(s) or (ex) employee(s) belonging to other department(s) or profession or to the press or public, any document or information which has come into their possession in the course of their official duties, or has been prepared or collected by them in the course of their duties, whether from official sources or otherwise, unless compelled to do so by judicial or other authority or unless instructed to do so by a superior officer in the discharge of his / her duties.

This confidentiality must be maintained by the employee even after the cessation of their employment with PSPC.

6.2. All concerned shall not give any evidence, document, or any information before a public committee without the prior approval of the Competent Authority.

6.3. Interaction or communication directly or indirectly on behalf of PSPC with foreign governments, media, and missions in Pakistan without seeking clearance from the competent authority is not permissible.

Use of PSPC Assets and Resources

7.1. All concerned are required to use PSPC assets such as properties, office equipment, supplies etc. for PSPC's business purposes and not for gain or benefit of persons or entities other than PSPC, including self.

7.2. Material information such as information contained in any file, document, note, report, letter, fax, USB, email, instrument, etc. held by the concerned must be used solely for the purpose of PSPC business and returned to PSPC upon cessation of employment / contract agreement.

7.3. Official information, documents, reports, proposals, research papers, software, etc. developed using PSPC time and resources constitute PSPC's intellectual property. All concerned will neither have the right to claim these as their own, nor shall they use/exploit the same for personal gain or benefit of persons or entities other than PSPC during or beyond cessation of their employment with PSPC.

Political Affiliation

8.1. No employee of PSPC shall take part in or subscribe in aid of or assist in any way, any political activity / movement in Pakistan or relating to the affairs of Pakistan, or take part in, or in any way assist, any movement or activity, which is, or tends directly or indirectly to be, subversive to Government as by law established in Pakistan or detrimental to the ideology or integrity of Pakistan.

8.2. Employees shall not canvass or otherwise interfere with or use their influence in connection with or take part in any election to a legislative body, whether in Pakistan or elsewhere, provided that an employee who is qualified to vote at such election may exercise their right to vote; but if he/she does so, he/she shall give no indication of the manner in which he/she proposes to vote or has voted.



Attendance and Punctuality

- 9.1. All concerned shall not leave the office or absent himself / herself from duty, without prior permission of the Competent Authority.
- 9.2. Strictly adhere to defined break timings, as defined by PSPC from time to time.

Conflict of Interest

- 10.1. All concerned are required to recognize and disclose activities that might give rise to conflicts of interest or the perception of conflicts and to ensure that such conflicts are properly managed or avoided. All disclosure should be made at the time the conflict arises, or when it is recognized that a conflict may be perceived, in writing to the supervisor. If the supervisor also has an interest in the matter, the disclosure shall be made to the next higher level of authority.
- 10.2. While an officer is serving in PSPC, their spouse, children and siblings will henceforth not be eligible for recruitment in PSPC, SBP and/or any of its other subsidiaries.

Gifts and Entertainment

- 11.1. Except as permitted, employees shall neither receive nor give any gift(s) or favor(s), in cash or any kind, from / to any organization, including those stakeholders (individual, entities or person created by law) who are in contact with PSPC.
- 11.2. The above instructions will not be applicable in case;
- a. A gift received for value of up to Rs 10,000 provided aggregate value of gifts received / given from / to during a fiscal year from same source does not exceed Rs 20,000;
 - b. Advertising materials including trade discounts that an individual or entity normally offers to its general customers;
- 11.3. The intended recipient will politely refuse the offer of gifts valuing above. However, where such refusal may impact the official relationships, the gift so received would be immediately, but not later than 72 hours, surrendered to HR.

Prohibitions

- 12.1. Smoking or other use of tobacco products (including, but not limited to, cigarettes, pipes, cigars, electronic Cig, snuff, or chewing tobacco) is not permitted within the office premises. Employees may smoke outside in open air, at the designated areas, without compromising on the working hours.



12.2. Use of any sort of drug including Pan, Gutka, Naswar, etc. within the office premises is not allowed.

Self-Disclosure of Criminal Conviction

All employees are required to self-disclose any criminal offence for which any investigating agency have taken cognizance and for which a conviction has been decided against such an employee by any court of law while being professionally engaged with PSC irrespective of the nature of engagement.

Health & Safety

All employees must take measures to promote safe working practices, and follow the instructions given by the Health, Safety, and Environment Team from time to time.

Whistleblowing

All concerned are responsible to immediately report any alleged ethical misconduct or fraud. The employees may raise their concerns through a written report or email at whistleblower@pspc.gov.pk. For more information on the applicability of this policy, refer to Whistleblowing Policy.

Compliance with the rules of conduct

Role of line managers

16.1.1. Line managers shall take the necessary measures to encourage respect for the rules of conduct within the entities for which they are responsible.

16.1.2. Managers should ensure that employees placed under their authority are aware of this code.

16.1.3. Apart from the vigilance, line managers are expected to behave in an exemplary manner as regards respect for the principles and rules set out in this code.

16.2. Any information pertaining to violation of this Code must immediately be reported to Director Human Resources.

16.3. If Director Human Resources is found to be violating this Code, MD may be reported. In case of violation by MD, Chairman PSC may be reported.

Reporting Confidentially



17.1. All stakeholders when reporting to Director HR shall be deemed to have made such report in strict confidence.

17.2. Human Resource Department shall not disclose the identity of concerned employee to other parties unless it is in the interest of the Corporation or it is required by law.

Consequences of Violating the Code

18.1. Any employee who violates the Code shall be subject to disciplinary action.

18.2. Failure to report deviations of the Code by all concerned may result in disciplinary action. Similarly, failure to report deviations of the Code by other stakeholders may result in the termination of their relationship with the Corporation.

Interpretation

This policy shall supersede all previous policies on the subject. In case of any ambiguity in understanding this Policy, the interpretation of the Managing Director will be treated as final. Any exception to the policy shall be approved by the Managing Director on the recommendation of Director HR and shall be reported to Board Human Resource Committee for ratification.



Form T8 – Form of Compliance with Code of Conduct

Undertaking for Compliance with Code of Conduct

Bidder Name: _____

Bidder Representative (If any): _____

Date: _____

I, the undersigned, on behalf of [Bidder Company Name], hereby acknowledge that I have received, read, and understood the Code of Conduct established by [Procuring Agency Name].

As a bidder participating in the procurement process, I undertake to:

1. Adhere to the highest standards of integrity and professionalism in all interactions with PSPC
2. Ensure that all communications and representations made during the bidding process are truthful and transparent.
3. Comply with all applicable laws, regulations, and policies outlined in the Code of Conduct.
4. Avoid any conflicts of interest and disclose any potential conflicts promptly.
5. Report any unethical behavior or violations of the Code of Conduct to the appropriate authorities within PSPC.

I understand that any breach of this undertaking or the Code of Conduct may result in disqualification from the bidding process and potential legal consequences.

Authorized Signature: _____

Date: _____



Form T9 – Form of Non-Disclosure Agreement

Rs. 500/- Stamp Paper Print

P.O.#: _____

NON-DISCLOSURE AGREEMENT (NDA)

This agreement is entered into as of day of..... Year

between

Pakistan Security Printing Corporation (Pvt.) Limited, Manufacturer of Banknotes and Prize Bonds registered under the laws of Pakistan, having its registered office at Jinnah Avenue Malir Halt, Karachi, through its authorized representative _____(hereinafter referred to as ‘PSPC’, which expression, where the context so requires and permits, shall mean and include its successors–in-interest, administrators, executors, legal representatives and permitted assigns);

and

_____, having its registered office at through its authorized representative (hereinafter referred to as ‘.....’ which expression, where the context so requires and permits, shall mean and include its successors–in-interest, administrators, executors, legal representatives and permitted assigns).

(PSPC and _____ are hereinafter collectively referred to as the “Parties” and individually as a “Party”).

Agreement’ means this Agreement and all written amendments and revisions made thereto from time to time.

“Effective Date” means the date of execution of this Agreement.

‘State’ means the territory of the Islamic Republic of Pakistan.

WHEREAS



The Parties to this Agreement wishes to enter into an Agreement concerning the disclosure of certain proprietary and confidential information, whereby it will be necessary for each party (the "**Disclosing Party**") to disclose to the other Party (the "**Receiving Party**"), as the case may, information of a confidential or proprietary nature for the purposes as defined in the Agreement (**Authorized Purpose**) (irrespective of the form of presentation or communication including, but not limited to data, notes, analyses, compilations, studies, physical objects, samples, financial information, technical information, cost information, techniques, , material, methods, processes, sources and any other information, however, described, which is or could be valuable in the type of business in which Disclosing Party is engaged) provided that any disclosure of information made in writing shall be marked confidential or with words of similar effect and that any disclosure made orally shall subsequently be reduced to writing by the Disclosing Party and marked confidential or with words of similar effect with a copy sent to the Receiving Party within 30 days of disclosure ("Information").

IT IS AGREED AS FOLLOWS:

1. This Agreement will apply to any disclosure of Information on the Effective Date. This Agreement may be terminated by any Party after giving a prior notice of 30 (Thirty) days' in writing; or immediately if the Disclosing Party has reason to believe that the Receiving Party is in breach of any of the obligations contained herein. Such termination shall not affect any obligation imposed by this Agreement with respect to Information received prior to such termination.
2. Receiving Party shall hold and protect the Confidential Information in the same manner as it protects its own confidential information and in any event such protection shall not be less than that which a reasonable person or business would take in protecting its own confidential information; and shall use the Confidential Information for the sole and exclusive benefit of the Disclosing Party. Receiving Party shall carefully restrict access to Confidential Information and only disclose Information on a need-to-know basis to such of its employees, contractors, agents, representatives and consultants as is reasonably required, and are under similar obligations of confidentiality as contained in this Agreement, the use whereof shall be restricted for Authorized Purpose only.

Receiving Party shall not, without the prior written approval of the Disclosing Party, use publish, copy, or otherwise disclose the Confidential Information to others, or permit the use by others for any purpose other than the Authorized Purpose. Receiving Party shall, forthwith upon receipt of a written request from the Disclosing Party or on termination:

- (i) return all information supplied by the Disclosing Party as well as items and materials relating to or derived from the Information;
 - (ii) deliver to the Disclosing Party or at its request destroy immediately all items and materials made by the Receiving Party containing Information, that are not returned pursuant to paragraph (i) above;
 - (iii) not keep copies or duplicates of any items or materials referred to in paragraphs (i) or (ii) above; and
 - (iv) provide a certificate signed by a senior officer of the Receiving Party confirming that the provisions of this clause have been complied with.
3. This Agreement shall not apply to any Information which the Receiving Party: (a) can show is or becomes publicly available through no fault of the Receiving Party; (b) can show was in its possession prior to the date of disclosure; (c) may subsequently receive from any third party legally in possession of the Information and who was not restricted from disclosing it; (d) can show is independently acquired by the Receiving Party as a result of work carried out by an employee, consultant or contractor of the Receiving Party to whom no disclosure of Information has been made; or (e) is required to disclose pursuant to a court order or any law/rules/regulations provided that the Receiving Party shall have given prior written notice to the Disclosing Party.



4. This Agreement shall not be deemed to confer or imply the grant or agreement to grant by the Disclosing Party to the Receiving Parties of any of its rights under copyright, patents, trademarks, design rights or other similar rights. All Information supplied hereunder is supplied on an “as is” basis and the Disclosing Party gives no representation or warranty as to its accuracy, completeness or fitness for any purpose other than the Authorized Purpose. The Disclosing Party shall not be liable for any loss or damage suffered by the Receiving Parties as a result of any Receiving Party’s use of the Information.
5. This Agreement does not create any agency or partnership relationship and each party shall act as an independent entity. This Agreement will not be assignable or transferable by the Parties. All additions or modifications to this Agreement must be made in writing and signed by the Parties.
6. Notices shall be delivered personally, or by prepaid first class mail, or transmitted by facsimile to the Parties at such address or number as the parties shall specify from time to time.
7. The Receiving party may obtain consent of the Disclosing party for any waiver of rights, to share information received under this Agreement to a third party for the Authorized Purpose. Any waiver of any right under this Agreement is only effective if it is in writing and applies to the specific circumstance for which it has been given.
8. In the event of a breach, Disclosing Party shall be entitled, in addition to any other remedies and damages available at law or in equity, to an injunction to restrain the violation thereof by Receiving Party, or its employees, contractors, agents, representatives and consultants ,
9. This Agreement shall be governed by and shall be construed in accordance with the laws of Pakistan. In case a dispute arises between the Parties with regard to the terms of or rights and obligations of the Parties under this Agreement, if not resolved amicably, shall be referred to the arbitrator to be mutually appointed by the Parties. The arbitration shall be carried out in accordance with the Arbitration Act, 1940 in English. The award shall be conclusive, and binding on the Parties and the Parties submit to the non-exclusive jurisdiction of the Pakistan’s Courts.

In WITNESS WHEREOF, the parties have executed this Agreement and shall be effective as of the date first above written.

For and on behalf of
Pakistan Security Printing Corporation

For and on behalf of

This Agreement has been executed in the presence of the following witnesses:

1. Full Name: _____
- Address: _____
- Signature: _____
- CNIC No: _____



2. Full Name: _____
 Address: _____
 Signature: _____
 CNIC No: _____

FINANCIAL PROPOSAL FORMS

Form F1 – Letter of Bid (Financial Proposal)

INSTRUCTIONS TO BIDDERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE DOCUMENT

Place this Letter of Bid - Financial Proposal in the second envelope marked "FINANCIAL PROPOSAL".

The Bidder must prepare the Letter of Bid - Financial Proposal on stationery with its letterhead clearly showing the Bidder's complete name and business address.

Note: All italicized text is to help Bidders in preparing this form.

Date of this Bid submission: Tuesday, 04 February, 2025

Invitation No: Tender # FP-3353

Name of Project: SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS

To: [PAKISTAN SECURITY PRINTING CORPORATION(Pvt.) Ltd]

We, the undersigned Bidder, hereby submit the second part of our Bid, the Financial Proposal

In submitting our Financial Proposal we make the following additional declarations:

- (a) **Bid Validity Period:** Our Bid shall be valid for the period specified in BDS 17.1 (as amended, if applicable) from the date fixed for the bid submission deadline specified in BDS 23.1 (as amended, if applicable), and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (b) **Total Price:** The total price of our Bid, excluding any discounts offered in item
- (c) below is:

In case of only one lot, the total price of the Bid is [insert the total price of the bid in words and figures, indicating the various amounts and the respective currencies];

In case of multiple lots, the total price of each lot is [insert the total price of each lot in words and figures, indicating the various amounts and the respective currencies];



In case of multiple lots, total price of all lots (sum of all lots) [*insert the total price of all lots in words and figures, indicating the various amounts and the respective currencies*];

(c) **Discounts:** The discounts offered and the methodology for their application are: **NOT APPLICABLE**

(i) The discounts offered are: [*Specify in detail each discount offered*]

(ii) The exact method of calculations to determine the net price after application of discounts is shown below: [*Specify in detail the method that shall be used to apply the discounts*];

(d) **Commissions, gratuities and fees:** We have paid, or will pay the following commissions, gratuities, or fees with respect to the bidding process or execution of the Contract: [*insert complete name of each Recipient, its full address, the reason for which each commission or gratuity was paid and the amount and currency of each such commission or gratuity*].

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate “none.”)

(e) **Binding Contract:** We understand that this Bid, together with your written acceptance thereof included in your Letter of Acceptance, shall constitute a binding contract between us, until a formal contract is prepared and executed.

Name of the Bidder: [*insert complete name of the Bidder*]

Name of the person duly authorized to sign the Bid on behalf of the Bidder: ** [*insert complete name of person duly authorized to sign the Bid*]

Title of the person signing the Bid: [*insert complete title of the person signing the Bid*]

Signature of the person named above: [*insert signature of person whose name and capacity are shown above*]

Date signed [*insert date of signing*] **day of** [*insert month*], [*insert year*]

*: In the case of the Bid submitted by a Joint Venture specify the name of the Joint Venture as Bidder.

**: Person signing the Bid shall have the power of attorney given by the Bidder. The power of attorney shall be attached with the Bid Schedules.

**Form F2 – Price Schedule****Invitation No:** Tender # FP-3353**Title:** SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY
AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR
BANKNOTE PRINTED SHEETS**Bidder:** [Name of Applicant / Entity]

Below mentioned services & supplies will be as per technical specification given in Section V- Technical Specification. **All prices must be in US\$, Euro, Pound Sterling or Japanese YEN.** All the quotes must be provided as per format specified below.

Sr. #	Description	Qty (Plz. Fill)	Unit Rate (FOB)	Total FOB Cost	Air Freight Charges
01	Supply of Fully Automated Standalone Double-Sided Inspection Machine for Banknote Printed Sheets	01			
02	Installation, Commissioning & Training of Fully Automated Standalone Double-Sided Inspection Machine for Banknote Printed Sheets	01			
03	List of spare parts along with individual costs.	01			
04	Cost of each complied preferable item (In case of any financial impact). Note: Cost should be quoted separately for each complied item. The procuring agency reserves the right to evaluate the proposals and make the final decision for inclusion or exclusion of each preferable complied features/requirements for all bidders at its sole discretion of procuring agency.	Each complied item that have financial impact will be quantified as single item			
Total Amount (FOB)					

Note:

- i. Prices should be exclusive of all applicable taxes and duties in Pakistan.
- ii. Before filling this form kindly read the required Technical Specifications in Section V.



iii. *The prices should include the price of incidental services. No separate payment shall be made for the incidental services.*

Seal & Signature of Bidder:	_____
Date:	_____

Following information to be filled by bidder.



Form F3 – Form of Bid Security

(Bank Guarantee)

[The bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]

[Guarantor letterhead or SWIFT identifier code]

Beneficiary: *PAKISTAN SECURITY PRINTING CORPORATION(Pvt.) Ltd*

Invitation No: *Tender # FP-3353*

Date: *[Insert date of issue]*

BID GUARANTEE No.: *[Insert guarantee reference number]*

Guarantor: *[Insert name and address of place of issue, unless indicated in the letterhead]*

We have been informed that _____ *[insert name of the Bidder, which in the case of a joint venture shall be the name of the joint venture (whether legally constituted or prospective) or the names of all members thereof]* (hereinafter called "the Applicant") has submitted or will submit to the Beneficiary its Bid (hereinafter called "the Bid") for the execution of _____ under Request for Bids No. _____ ("the RFB").

Furthermore, we understand that, according to the Beneficiary’s conditions, Bids must be supported by a Bid guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (_____) upon receipt by us of the Beneficiary’s complying demand, supported by the Beneficiary’s statement, whether in the demand itself or a separate signed document accompanying or identifying the demand, stating that either the Applicant:

- (a) has withdrawn its Bid during the period of Bid validity set forth in the Applicant’s Letter of Bid (“the Bid Validity Period”), or any extension thereto provided by the Applicant; or
- (b) having been notified of the acceptance of its Bid by the Beneficiary during the Bid Validity Period or any extension thereto provided by the Applicant, (i) has failed to sign the contract agreement, or (ii) has failed to furnish the performance security, in accordance with the Instructions to Bidders (“ITB”) of the Beneficiary’s bidding document.

This guarantee will expire: (a) if the Applicant is the successful Bidder, upon our receipt of copies of the Contract agreement signed by the Applicant and the performance security issued to the Beneficiary in relation to such Contract agreement; or (b) if the Applicant is not the successful Bidder, upon the earlier of (i) our receipt of a copy of the Beneficiary’s notification to the Applicant of the results of the Bidding process; or (ii) twenty-eight days after the end of the Bid Validity Period.

Consequently, any demand for payment under this guarantee must be received by us at the office indicated above on or before that date.

[Signature(s)]

Note: All italicized text is for use in preparing this form and shall be deleted from the final product.



1.	Country of Origin	
2.	Port of Shipment	
3.	Validity of offer	
4.	Shipment Schedule	
5.	Authorization Certificate in case of local indenter	
6.	Sales Tax Certificate in case of local indenter	
7.	Income Tax Certificate	



SECTION VII – GENERAL CONDITIONS OF THE CONTRACT

SECTION VII – GENERAL CONDITIONS OF THE CONTRACT**1. Definitions**

1.1. The following words and expressions shall have the meanings hereby assigned to them:

- a) **“Authority”** means Public Procurement Regulatory Authority.
- b) The **“Arbitrator”** is the person appointed with mutual consent of both the parties, to resolve contractual disputes as provided for in the General Conditions of the Contract **GCC Clause 31** hereunder.
- c) The **“Contract”** means the agreement entered into between the Procuring Agency and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- d) The **“Commencement Date”** is the date when the Supplier shall commence execution of the contract as specified in the **SCC**.
- e) **“Completion”** means the fulfillment of the related services by the Supplier in accordance with the terms and conditions set forth in the contract.
- f) **“Country of Origin”** means the countries and territories eligible under the PPRA Rules 2004 and its corresponding Regulations as further elaborated in the **SCC**.
- g) The **“Contract Price”** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.
- h) **“Defective Goods”** are those goods which are below standards, requirements or specifications stated by the Contract.
- i) **“Delivery”** means the transfer of the goods from the supplier equipment, machinery, and /or other materials which the Supplier is required to supply to the Procuring Agency under Contract.
- j) **“Effective Contract date”** is the date shown in the Certificate of Contract Commencement issued by the Procuring Agency upon fulfillment of the conditions precedent stipulated in **GCC Clause 3**.
- k) **“Procuring Agency”** means the person named as Procuring Agency in the **SCC** and the legal successors in title to this person, procuring the Goods and related service, as named in **SCC**.
- l) **“Related Services”** means those services ancillary to the delivery of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, initial maintenance and other such obligations of the Supplier covered under the Contract.
- m) **“GCC”** means the General Conditions of Contract contained in this section.
- n) **“Intended Delivery Date”** is the date on which it is intended

- that the Supplier shall effect delivery as specified in the **SCC**.
- o) **“SCC”** means the Special Conditions of Contract.
 - p) **“Supplier”** means the individual private or government entity or a combination of the above whose Bid to perform the contract has been accepted by the Procuring Agency and is named as such in the Contract Agreement, and includes the legal successors or permitted assigns of the supplier and shall be named in the **SCC**.
 - q) **“Project Name”** means the name of the project stated in **SCC**.
 - r) **“Day”** means calendar day.
 - s) **“Eligible Country”** means the countries and territories eligible for participation in accordance with the policies of the Federal Government.
 - t) **“End User”** means the organization(s) where the goods will be used, as named in the **SCC**.
 - u) **“Origin”** means the place where the Goods were mined, grown, or produced or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new produce results that is substantially different in basic characteristics or in purpose or utility from its components.
 - v) **“Force Majeure”** means an unforeseeable event which is beyond reasonable control of either Party and which makes a Party’s performance of its obligations under the Contract impossible or so impractical as to be considered impossible under the circumstances.

For the purposes of this Contract, **“Force Majeure”** means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, and which makes a Party’s performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances. and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by Government agencies.
 - w) **“Specification”** means the Specification of the Goods and performance of incidental services in accordance with the relevant standards included in the Contract and any modification or addition made or approved by the Procuring Agency.
 - x) The Supplier's Bid is the completed Bid document submitted by the Supplier to the Procuring Agency.

2.Application and Interpretation	<p>2.1 These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.</p> <p>2.2 In interpreting these Conditions of Contract headings and marginal notes are used for convenience only and shall not affect their interpretations unless specifically stated; references to singular include the plural and vice versa; and masculine include the feminine. Words have their ordinary meaning under the language of the Contract unless specifically defined.</p> <p>2.3 The documents forming the Contract shall be interpreted in the following order of priority:</p> <ol style="list-style-type: none"> (1) Form of Contract, (2) Special Conditions of Contract, (3) General Conditions of Contract, (4) Letter of Acceptance, (5) Certificate of Contract Commencement (6) Specifications (7) Contractor's Bid, and (8) Any other document listed in the Special Conditions of Contract as forming part of the Contract.
3.Conditions Precedent	<p>3.1 Having signed the Contract, it shall come into effect on the date on which the following conditions have been satisfied: -</p> <ol style="list-style-type: none"> i. Submission of performance Security (or guarantee) in the form specified in the SCC; ii. Furnishing of Advance Payment Unconditional Guarantee. <p>3.2 If the Condition precedent stipulated on GCC Clause 3.1 is not met by the date specified in the SCC this contract shall not come into effect;</p> <p>3.3 If the Procuring Agency is satisfied that each of the conditions precedent in this contract has been satisfied (except to the extent waved by him, but subject to such conditions as he shall impose in respect of such waiver) he shall promptly issue to the supplier a certificate of Contract commencement, which shall confirm the start date.</p>
4. Governing Language	<p>4.1 The Contract as all correspondence and documents relating to the contract exchanged by the Supplier and the Procuring Agency shall be written in the language specified in SCC. Subject to GCC Clause 3.1, the version of the Contract written in the specified language shall govern its interpretation.</p>
5. Applicable Law	<p>5.1 The contract shall be governed and interpreted in accordance with the laws of Pakistan, unless otherwise specified in SCC.</p>
6. Country of Origin	<p>6.1 The origin of Goods and Services may be distinct from the nationality of the Supplier.</p>

7. Standards	7.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, the American Standards (such as ACI, IEEE, ASME, etc.) or the Pakistani standards such as PSQCA Such standards shall be the latest issued by the concerned institution.
8. Use of Contract Documents and Information; Inspection and Audit by Government of Pakistan	<p>8.1 The Supplier shall not, without the Procuring Agency's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Agency in connection therewith, to any person other than a person employed by the Supplier 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.</p> <p>8.2 The Supplier shall not, without the Procuring Agency's prior written consent, make use of any document or information enumerated in GCC Clause 7.1 except for purposes of performing the Contract.</p> <p>8.3 Any document, other than the Contract itself, enumerated in GCC Clause 7.1 shall remain the property of the Procuring Agency and shall be returned (all copies) to the Procuring Agency on completion of the Supplier's performance under the Contract if so required by the Procuring Agency.</p> <p>8.4 The Supplier shall permit the Government of Pakistan or / and donor agencies involved in financing the project to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Government of Pakistan or / and the appropriate donor agencies, if so required by the Government of Pakistan or / and the appropriate donor agencies.</p>
9. Patents and Copy Rights	<p>9.1 The Supplier shall indemnify the Procuring Agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in Pakistan.</p> <p>9.2 The patent right in all drawings, documents, and other materials containing data and information furnished to the Procuring Agency by the Supplier herein shall remain vested in the supplier, or, if they are furnished to the Procuring Agency directly, or through the Supplier by any third party, including suppliers of materials, the patent right in such materials shall remain vested in such third party.</p>
10. Performance Security (or Guarantee)	10.1 The Performance Security (or Guarantee) shall be provided to the Procuring Agency no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and by a bank or surety acceptable to the Procuring Agency, and denominated

	<p>in the types and proportions of the currencies in which the Contract Price is payable as specified in the SCC.</p> <p>10.2 The proceeds of the Performance Security (or Guarantee) shall be payable to the Procuring Agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.</p> <p>10.3 The Performance Security (or Guarantee) shall be in one of the following forms</p> <ul style="list-style-type: none"> a) A bank guarantee, an irrevocable letter of credit issued by a reputable bank, or in the form provided in the Bidding Documents or another form acceptable to the Procuring Agency; or b) A cashier's or certified check. <p>10.4 The performance security (or guarantee) will be discharged by the Procuring Agency and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless otherwise specified in SCC.</p>
<p>11. Inspection and Testing</p>	<p>11.1 The Procuring Agency or its representative shall have the right to inspect and /or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency. SCC and the Technical Specifications shall specify what inspections and tests the Procuring Agency shall notify the Supplier in writing or in electronic forms that provide record of the content of communication, in a timely manner, of the identity of any representatives retained for these purposes.</p> <p>11.2 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Agency.</p> <p>11.3 Should any inspected or tested Goods fail to conform to the Specifications, the Procuring Agency may reject the Goods, and the Supplier shall replace the rejected Goods to meet specification requirements free of cost to the Procuring Agency.</p> <p>11.4 The Procuring Agency's right to inspect, test and, where necessary, reject Goods after the Goods' arrival in the Procuring Agency's country shall in no way be limited or eared by reason of the Goods having previously been inspected, tested, and passed by the Procuring Agency or its representative prior to the Goods' shipment from the country of origin.</p>

	<p>11.5 Nothing in GCC Clause 10 shall in any way release the supplier from any warranty or other obligations under this Contract.</p>
<p>12. Packing</p>	<p>12.1 The supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods final destination and the absence of heavy handling facilities at all points in transit.</p> <p>12.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Procuring Agency.</p>
<p>13. Delivery and Documents</p>	<p>13.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and or other documents to be furnished by the Supplier as specified in SCC.</p> <p>13.2 For purposes of the Contract, “EXW”, “FOB”, “FCA”, “CIF”, “CIP,” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris.</p> <p>13.3 Documents to be submitted by the Supplier are specified in SCC.</p>
<p>14. Insurance</p>	<p>14.1 The Goods supplied under the Contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery in the manner specified in the SCC.</p>
<p>15. Transportation</p>	<p>15.1 Where the Supplier is required under Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Procuring Agency or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>15.2 Where the Supplier is required under Contract to deliver the Goods CIF or CIP, transport of the Goods to the port of destination or such other</p>

	<p>named place of destination in Pakistan, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price</p> <p>15.3 Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within Pakistan, defined as the Project Site, transport to such place of destination in Pakistan, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.</p>
<p>16. Related Services</p>	<p>16.1 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:</p> <ul style="list-style-type: none"> a) Performance or supervision of on-site assembly, Installation Commissioning and/or start-up of the supplied Goods; b) Furnishing of tools required for assembly and/or maintenance of the supplied Goods; c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; d) Performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and e) Training of the Procuring Agency’s personnel, at the Supplier’s plant and/or on-site, in assembly, start- up, operation, maintenance, and/or repair of the supplied Goods. <p>16.2 Prices charged by the Supplier for related services, if not included in the Contract Price for the Goods, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.</p>
<p>17. Spare Parts</p>	<p>17.1 As specified in SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <ul style="list-style-type: none"> a) Such spare parts as the Procuring Agency may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and b) In the event of termination of production of the spare parts: <ul style="list-style-type: none"> i) advance notification to the Procuring Agency of the pending termination, in sufficient time to permit the Procuring Agency to procure needed requirements; and ii) following such termination, furnishing at no cost to the Procuring Agency, the blueprints, drawings, and

	specifications of the spare parts, if requested.
18. Warranty / Defect Liability Period	18.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring Agency, specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in Pakistan.
	18.2 This warranty shall remain valid for a period specified in the SCC after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for a period specified in the SCC after the date of shipment from the port or place of loading in the source country, +whichever period concludes earlier, unless specified otherwise in SCC.
	18.3 The Procuring Agency shall promptly notify the Supplier in writing or in electronic forms that provide record of the content of communication of any claims arising under this warranty.
	18.4 Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Procuring Agency other than, where applicable, the cost of inland delivery of the repaired or replaced Goods or parts from EXW or the port or place of entry to entry to the final destination.
	18.5 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, the Procuring Agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Agency may have against the Supplier under the Contract.
19. Payment	19.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.
	19.2 The Supplier's request(s) for payment shall be made to the Procuring Agency in writing or in electronic forms that provide record of the content of communication, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 13 , and upon fulfillment of other obligations stipulated in the Contract.

	<p>19.3 Payments shall be made promptly by the Procuring Agency, within sixty (60) days after submission of an invoice or claim by the Supplier. If the Procuring Agency makes a late payment, the Supplier shall be paid interest on the late payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the rate as specified in the SCC.</p> <p>19.4 The currency or currencies in which payment is made to the Supplier under this Contract shall be specified in SCC subject to the following general principle: payment will be made in the currency or currencies in which the payment has been requested in the Supplier's Bid.</p> <p>19.5 All payments shall be made in the currency or currencies specified in the SCC pursuant to GCC Clause 19.4</p>
<p>20. Prices</p>	<p>20.1 The contract price shall be as specified in the Contract Agreement Subject to any additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract.</p> <p>20.2 Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its Bid, with the exception of any price adjustments authorized in SCC or in the Procuring Agency's request for Bid Validity extension, as the case may be.</p>
<p>21. Change Orders</p>	<p>21.1 The Procuring Agency may at any time, by a written order given to the Supplier pursuant to GCC Clause 22, make changes within the general scope of the Contract in any one or more of the following:</p> <ul style="list-style-type: none"> a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring Agency; b) The method of shipment or packing; c) The place of delivery; and/or d) The Services to be provided by the Supplier. <p>21.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Procuring Agency change order.</p> <p>21.3 Prices to be charged by the supplier for any related services that might be needed but which were not included in the Contract shall be agreed upon in advance by the Parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services</p>

22. Contract Amendments	22.1 Subject to GCC Clause 20 , no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
23. Assignment	23.1 Neither the Procuring Agency nor the Supplier shall assign, in whole or in part, obligations under this Contract, except with the prior written consent of the other party.
24. Sub-Contracts	24.1 The Supplier shall consult the Procuring Agency in the event of subcontracting under this contract if not already specified in the Bid. Subcontracting shall not alter the Supplier's obligations. 24.2 Subcontracts must comply with the provision of GCC Clause 5.
25. Delays in the Supplier's Performance	25.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements. 25.2 If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Procuring Agency in writing or in electronic forms that provide record of the content of communication of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring Agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract. 25.3 Except as provided under GCC Clause 28 , a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26 , unless an extension of time is agreed upon pursuant to GCC Clause 25.2 without the application of liquidated damages.
26. Liquidated Damages	26.1 Subject to GCC Clause 28 , if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring Agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the performance security (or guarantee) specified in SCC . Once the said maximum is reached, the Procuring Agency may consider termination of the Contract pursuant to GCC Clause 26 .
27. Termination for Default	27.1 The Procuring Agency or the Supplier, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the concerned party may terminate the Contract if the other party causes a

	<p>fundamental breach of the Contract.</p> <p>27.2 Fundamental breaches of Contract shall include, but shall not be limited to the following:</p> <ul style="list-style-type: none"> a) the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency pursuant to GCC Clause 24; or b) the Supplier fails to perform any other obligation(s) under the Contract; c) Supplier’s failure to submit performance security (or guarantee) within the time stipulated in the SCC; d) the supplier has abandoned or repudiated the contract. e) the Procuring Agency or the Supplier is declared bankrupt or goes into liquidation other than for a reconstruction or amalgamation; f) a payment is not paid by the Procuring Agency to the Supplier after 84 days from the due date for payment; g) the Procuring Agency gives Notice that goods delivered with a defect is a fundamental breach of Contract and the Supplier fails to correct it within a reasonable period of time determined by the Procuring Agency; and h) if the Procuring Agency determines, based on the reasonable evidence, that the Supplier has engaged in corrupt, coercive, collusive, obstructive or fraudulent practices, in competing for or in executing the Contract. <p>27.3 For the purpose of this clause: “Corrupt and Fraudulent Practice” means the practices as described in Rule-2 (1) (f) of Public Procurement Rules-2004.</p> <p>27.4 In the event the Procuring Agency terminates the Contract in whole or in part, pursuant to GCC Clause 26.1, the Procuring Agency may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring Agency for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.</p>
<p>28. Termination for Force Majeure</p>	<p>28.1 Notwithstanding the provisions of GCC Clauses 25, 26, and 27, neither Party shall have any liability or be deemed to be in breach of the Contract for any delay nor is other failure in performance of its obligations under the Contract, if such delay or failure is a result of an event of Force Majeure. For purpose of this clause, ‘Force Majeure’ means an event which is</p>

	<p>beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of a Party, and which makes a Party’s performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances, and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood, epidemics, or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent</p> <p>28.2 If a Party (hereinafter referred to as “the Affected Party”) is or will be prevented from performing its substantial obligation under the contract by Force Majeure, it shall give a Notice to the other Party giving full particulars of the event and circumstance of Force Majeure in writing or in electronic forms that provide record of the content of communication of such condition and the cause thereof. Unless otherwise directed by the Procuring Agency in writing or in electronic forms that provide record of the content of communication, the Supplier shall continue to perform its obligations 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.</p>
<p>29. Termination for Insolvency</p>	<p>29.1 The Procuring Agency may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring Agency.</p>
<p>30. Termination for Convenience</p>	<p>30.1 The Procuring Agency, by written notice sent to the Supplier, may terminate the contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring Agency’s convenience, the Contract is terminated, and the date upon which such termination becomes effective.</p> <p>30.2 The Goods that are complete and ready for shipment within thirty (30) days after the Supplier’s receipt of notice of termination shall be accepted by the Procuring Agency at the Contract terms and price. For the remaining Goods, the Procuring Agency may elect:</p> <ul style="list-style-type: none"> a) To have any portion completed and delivered at the Contract terms and prices; and / or b) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.
<p>31. Disputes Resolutions</p>	<p>31.1 In the event of any dispute arising out of this contract, either party shall issue a notice of dispute to settle the dispute amicably. The parties hereto shall, within twenty-eight (28) days from the notice date, use</p>

	<p>their best efforts to settle the dispute amicably through mutual consultations and negotiation. Any unsolved dispute may be referred by either party to an arbitrator that shall be appointed by mutual consent of the both parties.</p> <p>31.2 After the dispute has been referred to the arbitrator, within 30 days, or within such other period as may be proposed by the Parties, the Arbitrator shall give its decision. The rendered decision shall be binding to the Parties.</p>
32. Procedure for Disputes Resolutions	<p>32.1 The arbitration shall be conducted in accordance with the arbitration procedure published by the Institution named and in the place shown in the SCC.</p> <p>32.2 The rate of the Arbitrator's fee and administrative costs of arbitration shall be borne equally by the Parties. The rates and costs shall be in accordance with the rules of the Appointing Authority. In conducting arbitration to its finality each party shall bear its incurred costs and expenses.</p> <p>32.3 The arbitration shall be conducted in accordance with the arbitration procedure published by the institution named and in the place shown in the SCC.</p>
33. Replacement of Arbitrator	<p>33.1 Should the Arbitrator resign or die, or should the Procuring Agency and the Supplier agree that the Arbitrator is not functioning in accordance with the provisions of the contract, a new Arbitrator shall be appointed by mutual consent of the both parties.</p>
34. Limitation of Liability	<p>34.1 Except in cases of criminal negligence or willful conduct, and in the case of infringement pursuant to GCC Clause 8,</p> <p>a) The supplier shall not be liable to the Procuring Agency, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Procuring Agency; and</p> <p>b) The aggregate liability of the Supplier to the Procuring Agency, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment or to any obligation of the Supplier to indemnify the Procuring Agency with respect to patent infringement.</p>
35. Notices	<p>35.1 Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or in electronic forms that provide record of the content of communication and confirmed in</p>



	<p>writing or in electronic forms that provide record of the content of communication to the other party's address specified in SCC.</p> <p>35.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.</p>
36. Taxes and Duties	<p>36.1 A foreign Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside Pakistan.</p> <p>36.2 If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in Pakistan the Procuring Agency shall use its best efforts to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.</p> <p>36.3 A local Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Procuring Agency.</p>



SECTION VIII: SPECIAL CONDITIONS OF THE CONTRACT (SCC)

Special Conditions of Contract (SCC)

The following Special Conditions of Contract (SCC) shall supplement the GCC. Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. The corresponding clause number of the GCC is indicated in parentheses.

SCC Clause Number	GCC Clause Number	Amendments of, and Supplements to, Clauses in the GCC
Definitions (GCC 1)		
1.	1.1	The Procuring Agency is: PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd
2.	1.1(p)	The Supplier is: <i>[Name and address]</i>
3.	1.1(q)	The title of the subject procurement or The Project is: SUPPLY, INSTALLATION, COMMISSIONING AND TRAINING OF FULLY AUTOMATED STAND-ALONE DOUBLE-SIDED INSPECTION MACHINE FOR BANKNOTE PRINTED SHEETS
Governing Language (GCC 4)		
4.	4.1	The Governing Language shall be: English
Applicable Law (GCC 5)		
5.	5.1	The Applicable Law shall be: Laws of Pakistan
Country of Origin (GCC 6)		
6.	6.1	Country of Origin is the country where offered items is/are manufactured.
Performance Security (or guarantee) (GCC 10)		
7.	10.1	The amount of performance guarantee, as a percentage of the Contract Price, shall be: <i>[05% (five percent)]</i>
8.	10.4	Performance guarantee equivalent to 05% of the contract price shall be submitted in form Payment Order, Demand Draft or Bank Guarantee enforceable in Pakistan for entire contract / warranty period i.e. two (02) years of all equipment from the date of commissioning. Vendor is responsible for replacement of malfunctioned parts and provision of services during warranty period on FOC Basis.
Inspections and Tests (GCC 11)		
9.	11.1	Inspection and tests prior to shipment of Goods and at final acceptance are as follows; Factory Acceptance test (FAT) of Sheet Inspection Machine at manufactures' facility of PSPC engineering team of 3 persons.

Packing (GCC Clause 12)		
10.	12.2	<p>The following SCC shall supplement GCC Clause 12.2: The packing shall be sea / air worthy and of international export packing standards and shall be adequately protected from damages and pilferage during shipment and transportation to site and it shall be the Bidder's responsibility to provide undamaged material in the quantities required under the Contract. It must be accompanied with a certificate of fumigation as per international shipping standards specifying the treatment done.</p> <p>All costs associated with packing protection must be included in the Bidding document. In case of short shipped items (for which duties / tax etc. had been paid) shall be delivered by the Bidder, all such items, on Delivered duty paid (DDP) in accordance with <i>incoterms (Latest Version)</i>.</p>
Delivery and Documents (GCC Clause 13)		

11.	13.1	<p>For Goods supplied from abroad: Upon shipment, the Supplier shall notify the Procuring Agency and the Insurance Company by cable the full details of the shipment, including Contract number, description of Goods, quantity, the vessel, the bill of lading number and date, port of loading, date of shipment, port of discharge, etc. The Supplier shall mail the following documents to the Procuring Agency, with a copy to the Insurance Company:</p> <ul style="list-style-type: none"> (i.) One original plus four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount; (ii.) original and four copies of the negotiable, clean, on-board bill of lading marked "freight prepaid" and four copies of nonnegotiable bill of lading; (iii.) One original plus four copies of the packing list identifying contents of each package; (iv.) Insurance Certificate; (v.) Manufacturer's or Supplier's warranty certificate; (vi.) inspection certificate, issued by the nominated inspection agency, and the Supplier's factory inspection report; and (vii.) certificate of country of origin issued by the chamber of commerce and industry or equivalent authority in the country of origin in duplicate. <p>The above documents shall be received by the Procuring Agency at least one week before arrival of the Goods at the port or place of arrival and, if not received, the Supplier will be responsible for any consequent expenses.</p> <p><i>[Other similar documents should be listed, depending upon the Incoterm retained.]</i></p>
12.	13.3	<p>For Goods from within Pakistan:</p> <p>Not Applicable</p>
<p>Insurance (GCC Clause 14)</p>		
13.	14.1	<p>The "Procuring Agency" shall arrange marine insurance of the goods under Open Policy No. _____ dated _____ with National Insurance Company Limited., NICL Building, Abbasi Shaheed Road Karachi-Pakistan Ph # (92-21) 96202741-50 Fax # (92-21) 99202764 & 99202734. However, the "SUPPLIERS" shall make a declaration of the shipment of goods to the Insurance Company mentioned above, quoting reference of the open cover specified.</p>
<p>Related Services (GCC Clause 16)</p>		

14.	16.1	<p>Related services to be provided are:</p> <p>Supplier shall provide all the related services as per GCC-16 without any additional cost to the Procuring Agency.</p>
<p>Spare Parts (GCC Clause 17)</p>		
15.	17.1	<p>Additional spare parts requirements are:</p> <p>The Supplier undertake to supply the spare parts to the Procuring Agency without any additional cost. In respect thereof, all necessary spares parts will be required to maintain the Machinery & Equipment during the Warranty Period. The Supplier will provide the spare parts to be sufficient for the obligations under the Warranty Period.</p> <p>The Supplier shall be required to provide an undertaking that they will ensure to supply spare parts, having at least 10 years warranty for electrical/ electronic and 15 years for mechanical spares of operation from the date of Acceptance Certificates of the supplied items. In case of up gradation or modification in software or spare parts, Supplier will notify Procuring Agency in advance for technological upgrades.</p>
<p>Warranty (GCC Clause 18)</p>		

16.	18.2	<p>GCC Clause 17.2—In partial modification of the provisions, the warranty period i.e. two (02) years of all equipment from the date of acceptance via JCC. Vendor is responsible for replacement of malfunctioned parts and provision of services during warranty period on FOC Basis. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract. If, for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either:</p> <p>a. make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests in accordance with SCC 4, Or</p> <p>b. pay liquidated damages to the Procuring Agency with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be 0.20 percent per day of undelivered materials/goods/works value up to the sum equivalent to the amount of</p>								
17.	18.4 & 18.5	The period for correction of defects in the warranty period is: As specified in BOQ/Technical Specification.								
Payment (GCC Clause 19)										
18.	19.1	<p>The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <p>Payment for Goods supplied from abroad:</p> <p>As per BOQ</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2" style="text-align: center;">Payment Schedule</th> </tr> </thead> <tbody> <tr> <td>Upon Presentation of Shipping Documents in our Bank</td> <td style="text-align: center;">60%</td> </tr> <tr> <td>After issuance of Satisfactory Job Completion Certificate</td> <td style="text-align: center;">30%</td> </tr> <tr> <td>After completion of defect liability period</td> <td style="text-align: center;">10%</td> </tr> </tbody> </table> <p>All the above payments shall be made through irrevocable Letter of Credit. All bank charges related to Letter of Credit opening in Pakistan will be borne by the Buyer and foreign bank charges shall be borne by the supplier. Letter for Credit amendments charges shall be borne by the party requesting for such amendments. In case of confirmed letter of credit the charges will be borne by the bidder.</p>	Payment Schedule		Upon Presentation of Shipping Documents in our Bank	60%	After issuance of Satisfactory Job Completion Certificate	30%	After completion of defect liability period	10%
Payment Schedule										
Upon Presentation of Shipping Documents in our Bank	60%									
After issuance of Satisfactory Job Completion Certificate	30%									
After completion of defect liability period	10%									
		<p>Payment for Goods and Services supplied from within Pakistan:</p> <p><u>NOT APPLICABLE</u></p>								
19.	19.3	Rate to be used for paying the Supplier's interest on the late payment made by Procuring Agency shall be (Not Applicable)								
Prices (GCC Clause 20)										
20.	20.1	Quoted Prices shall not be adjusted.								

Liquidated Damages (GCC Clause 26)		
21.	25.1	the Supplier shall pay to the Bayer at the rate of 2% per month or part of month for the value of the stores which the supplier has failed to deliver which in the stipulated period. Provided that damages shall not exceed 10% of the total price payable under the purchase contract. Otherwise buyer will make deduction from supplier bill.
Procedure for Dispute Resolution (GCC Clause 32)		
23.	32.3	<p>Dispute Resolution</p> <p>In case of any dispute and difference which may arise in connection with the execution of the contract, the matter shall be referred to Managing Director of Corporation, who shall take decision in the matter.</p> <p>In case the dispute remains unresolved, the matter will be resolved through arbitration as per the Arbitration Act, 1940.</p>
Notices (GCC Clause 35)		
26.	35.1	<p>— Procuring Agency’s address for notice purposes: <i>(to be inserted at the time of contract signing)</i></p> <p>— Supplier’s address for notice purposes: <i>(to be inserted at the time of contract signing)</i></p>
Tax & Duties (GCC Clause 36)		
27	36	<p>Procuring Agency shall be liable and responsible for the payment of all ocean freight, custom duties, taxes, port charges, demurrage, custom clearance or any amounts payable pertain to the imputation and clearance of machinery & equipment leviable at Karachi Port(s) and transportation of the same from Karachi Port(s) to site. All other foreign taxes shall be borne by the supplier.</p> <p>Likewise, any other taxes, such as but not limited to income tax, with-holding tax, VAT that may be levied in Pakistan in connection with this contract shall also be borne by the Procuring Agency</p> <p>For all letters of Credit except where otherwise provided, bank charges incurred in Pakistan shall be for the account of Procuring Agency and bank charges incurred in Supplier’s country shall be borne by the supplier and the cost of Letter of credit amendment will be borne by the party responsible for the amendment.</p>
Confidentiality		

28		<p>28.1 Information relating to evaluation of bids and recommendations concerning to award of the Contract shall not be disclosed by the Procuring Agency to the Supplier or to any other person who is not officially concerned with the process, until the announcement of the result of evaluation.</p> <p>28.2 The Supplier shall not disclose or attempt to make public any information relating to the bidding documents, bidding process and award of the Contract to any person or entity without the Procuring Agency's prior written consent.</p> <p>28.3 In case of any disclosure related to the bidding process and contractual obligations at any stage by the Supplier, the Procuring Agency may terminate the Contract.</p>
Defect Liability Period		
29		<p>The defects liability period shall be Twenty-four (24) months from the date of issuance of Completion Certificate, to be issued by the PSPC upon successful commissioning of the machine.</p>
Installation		
30		<p>The Supplier agrees to provide installation services. Installation will commence on such dates, as the parties shall mutually agree. The Supplier will manage and supervise the erection and commissioning at the PSPC's site in co-ordination with PSPC. For this purpose, the Supplier will provide qualified Technicians and Specialists for the periods actually required.</p> <p>All cost of salaries, hotel, allowance and travel of the Supplier's personnel are included in the Contract Price.</p> <p>Offloading and shifting of machine at PSPC shall be sole responsibility of the bidder.</p>
Transportation and Insurance		
31		<p>The supplier will arrange and pay for insurance or any other leviable taxes up to FOB Seaport and installation site. PSPC shall arrange Marine and inland transit insurance from FOB Seaport up to delivery at PSPC. PSPC shall also arrange and pay for Ocean Transportation / Ocean Freight.</p>



SECTION IX: CONTRACT FORMS



Form of Contract

THIS AGREEMENT made the _____ day of _____ 20____ between [name and address of Procuring Agency] of Pakistan (hereinafter called “the Procuring Agency”) of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called “the Supplier”) of the other part:

WHEREAS the Procuring Agency invited Bids for certain goods and related services, viz., [brief description of goods and services] and has accepted a Bid by the Supplier for the supply of those goods and related services in the sum of [contract price in words and figures] (hereinafter called “the Contract Price”).

NOW THIS CONTRACT WITNESSETH AS FOLLOWS:

1. In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Contract, In the event of any ambiguity or conflict between the Contract Documents listed below, the order of precedence shall be the order in which the Contract Documents are listed below:-
 - a. This form of Contract;
 - b. the Form of Bid and the Price Schedule submitted by the Bidder;
 - c. the Schedule of Requirements;
 - d. the Technical Specifications;
 - e. the Special Conditions of Contract;
 - f. the General Conditions of the Contract;
 - g. the Procuring Agency’s Letter of Acceptance (Notification of Award); and
 - h. the Supplier’s Letter of Acceptance
 - i. Integrity Pact
 - j. Performance Security (Guarantee) Form
 - k. Certificates to Contract
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring Agency to provide the goods and related services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the goods and related services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times

and in the manner prescribed by the contract.

5. Whereas, the “Buyer” intends to import _____ The “supplier agree to arrange the same on the terms and conditions mentioned in the Tender Documents.

6. **COMMODITY** :
7. **SPECIFICATION** :
8. **COUNTRY OF ORIGIN** :
9. **QUANTITY** :
10. **UNIT PRICE** :
11. **TOTAL AMOUNT** :
12. **TERMS OF PURCHASE** : **FOB**
13. **PORT OF LOADING** :
14. **PORT OF DESTINATION** **KARACHI SEAPORT / PORT QASIM
(PAKISTAN)**

15. PACKING

- a). Packing should be of international export standard seaworthy and also suitable for transit. The supplier shall compensate any loss or damage to the buyer due to insufficient or defective packing. All packing materials shall be environment friendly otherwise disposal of such materials be specified.
- b). The cases / pallets shall be accessible by Fork-Lift from all four sides.
- c). PSPC’s Purchase order, L.C number & country of origin of _____ must be clearly marked out side all the cases / pallets.
- d). Packing list, one outside and one inside the package showing gross and net weight and measurements should accompany each shipment.
- e). The quantity to be shipped shall not exceed the value of letter of credit.

16 MARKING

The “supplier” shall mark conspicuously on two sides of each package the following shipping marks with fadeless paint: -

- i) PSPC KARACHI
ii) Contract No. & date.
iii) Commodity with description of item
iv) Lot No.
v) Serial No. of Package
vi) Weight Gross _____ Net _____
vii) Measurements
viii) Port of shipment & port of destination

17. DESPATCH / SHIPMENT

18. TERMS OF SHIPMENT

- a). The supplier shall arrange shipment / dispatch of material as per given schedule through PNSC’s own or vessels chartered by them or any other vessel authorized by buyer. The freight will be paid to PNSC / other shipping line in local currency.
- b). The supplier shall be responsible for making arrangement for the PNSC vessel. In case, consignment on C&F basis, the supplier shall make necessary arrangement for airline / courier service.
- c). No transshipment is allowed.
- d). Packing list, one outside & one inside the package, showing gross and net weight and measurements should accompany each shipment.



- e). The quantity to be dispatched / shipped shall not exceed the value of letter of credit / CAD contract.

19. SHIPPING ADVICE

Within 48 hours after completion of the loading / dispatching of goods, the "SUPPLIER" shall advise the "BUYER" by fax / e-mail the contract No., name of commodity, contracted month of delivery, quantity, gross & net weight and measurements, bill of lading / AWB, date of loading / dispatching and port of destination and he will arrange to send 02 sets of non-negotiable documents to **Dy General Manager Purchase** PSPC, Karachi Original shipping documents to bank if "BUYERS" incur demurrage on account of "SUPPLIER" failure in giving advice of shipment in time by fax / e-mail the delay in receiving non-negotiable documents or original documents to bank "SUPPLIER" shall be held liable for such demurrage.

20. MODE OF PAYMENT

Payment to supplier shall be made through irrevocable letter of credit and shall be negotiable on presentation of original shipping documents.

All bank charges in connection of L.C in Pakistan are borne by PSPC and all foreign bank charges to be borne by beneficiary. Any subsequent changes to the letter of credit will be charged to party at whose behest the amendment will be made.

The letter of credit shall be established with following additional conditions:

- i) Please send the documents by DHL along with certified copy of DHL consignment note number and also fax the consignment note number as well as the date separately.
- ii) Clean re-imburement not allowed and send the documents to bank, on receipt of documents free from any discrepancy, they will remit funds as per our instruction.

The documents to be negotiable against presentation of following:

- i) Three copies of "SUPPLIERS" invoice indicating Purchase Order No, and date, name of item, gross & net weight, shipping marks, lot No also indicate letter of credit number and open insurance policy number as stated in the letter of credit
- ii) Full set (3 negotiation copies) of clean on-board ocean bill of lading (B/L).
- iii) Two copies of packing list indicating number of packages and gross & net weight and measurements.
- iv) One duplicate copy of "SUPPLIERS" shipping advice.
- v) Two copies of certificate of weight & quantity issued by the manufactures / suppliers.
- vi) Two copies of certificate of origin issued by the Chamber of commerce and industry. The "SUPPLIERS" shall arrange to send 02 copies of invoice to General Manager (F&A) and 02 set of shipping documents to General Manager Purchase PSPC Karachi and one set of documents to National Insurance Company Ltd. NICL Building Abbasi Shaheed Road, Karachi Pakistan.
- vii) The original documents must be received by our bank before arrival of vessel. Demurrages due to delay in provision / presentation of original documents will be on account of supplier.

21. INSURANCE

The "BUYER" shall arrange marine insurance of the goods under their open policy # **NICL/M/SZ/OP/PSPC/3450/2022-23** with National Insurance Company Limited, NICL Building Abbasi Shaheed Road Karachi (Pakistan). However, the "SUPPLIER" shall make a declaration of the shipment of goods to the Insurance Company mentioned above, quoting reference of the open cover specified above.

**22. LIQUIDATION**

The "SUPPLIER" shall pay to the "BUYER" at the rate of 2% per month or part of month for the value of the stores which the "SUPPLIERS" have failed to deliver within the stipulated delivery period, provided that damages shall not exceed 10% of the total price payable under the purchase contract.

23. FORCE MAJEURE

The "SUPPLIER" shall not be held responsible for late or non-delivery of the goods due to strikes and generally recognized force majeure causes. However, in such cases, the "SUPPLIER" shall deliver to the "BUYER" a certificate of the accident issued by competent **Government** authorities and / or the Chamber of Commerce at the place where the accident occurs as evidence thereof.

24. INSPECTION

The "BUYER" or his authorized representative shall have the right to inspect any goods after or before the dispatch from the "SUPPLIER" factory or premise. However, such inspection shall not absolve the "SUPPLIER" from the responsibility or liability for the delivery of goods according to the contracted specification nor shall interpreted so as in any way to imply acceptance of such goods.

25. WARRANTY

The "SUPPLIER" shall provide a warranty that the supplies made by them are highest grade in quality consistent with the established and generally accepted standards. The "SUPPLIER" shall protect and indemnify the "BUYER" against loss, damages and expenses what ever that the "BUYER" may suffer as a result of failure of the material to render useful service and that this warranty to remain to effective after inspection & payment as to the patent or latent defects detected after in installation or in the course of installation.

26. CLAIM

If the "SUPPLIER" fail to deliver the goods within the period stipulated in the contract, or if the goods are short in weight, or if the packing of goods is not in conformity with the contracted specification or reference samples, or if the goods are otherwise not in accordance with the contracted specification the "BUYER" shall have the right, in addition to and not withstanding their rights to claim compensation for breach of contract, to terminate the unexpected part of the contract and make purchase from other sources at the risk and cost of "SUPPLIER". The "SUPPLIER" shall settle all claims preferred by the "BUYER" within 15 days of the receipt of the same and in the event of their failure to do so shall be liable to pay interest at 14% per annum on the amount claimed.

27. PERFORMANCE GUARANTEE

Within 15 days of signing of this contract the "SUPPLIER" shall furnish a performance guarantee either in the form of Demand Draft or a Bank Guarantee for 05% of the value of this contract. The Performance guarantee will be retained by the BUYER till receipt of material / items on issuance of satisfactory report the guarantee furnished by the "SUPPLIER" shall only be in the nature of security for performance of the contract and the "BUYER" shall not be precluded from claiming any amount in excess of the sum mentioned in the guarantee by way of damages for breach of contract.

28. ARBITRATION

In case of any dispute and difference which may arise in connection with the execution of this contract, shall be referred for adjudication to two arbitrators one to be nominated by each party by "SUPPLIER" and the "BUYER" who before entering upon the reference shall appoint an umpire by mutual agreement within one week of notice from either side or in case they do not agree a Judge of the Superior Court shall appoint an umpire. The arbitration proceedings shall be held in Pakistan and under Pakistan Law.



The decision of the arbitrators or the Umpire as the case may be shall be final, and binding on both the parties. The fees for arbitration shall be borne by the losing party and to be shared in case of settlement.

Signed this day _____ of _____ 20 _____

SUPPLIER

BUYER

Appendix 1 - Form of Bid and Price Schedule

(to be inserted at the time of signing of contract)



Appendix 2 – The Schedule of Requirement
(to be inserted at the time of signing of contract)



Appendix 3 – The Technical Specifications
(to be inserted at the time of signing of contract)



Appendix 4 – Notification of Award
(to be inserted at the time of signing of contract)



Appendix 5 – Letter of Acceptance
(to be inserted at the time of signing of contract)



Appendix 6 – Integrity Pact

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS.10.00 MILLION OR MORE

Contract Number: _____

Contract Value: _____

Contract Title _____

Date: _____

[Name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice.

Without limiting the generality of the foregoing [Name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fee etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultations fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[Name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representative or warranty.

[Name of Supplier] accepts full responsibility and strict liability for making and false declaration, not making full disclosure, misrepresenting fact or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [Name of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

[Buyer]

[Seller/Supplier]



Appendix 7 – Performance Security (or guarantee) Form

To: **PAKISTAN SECURITY PRINTING CORPORATION (Pvt.) Ltd**

WHEREAS *[name of Supplier]* (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated *[insert date]* to delivery *[description of goods and services]* (hereinafter called “the Contract”).

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier’s performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a guarantee:

THEREFORE, WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of *[amount of the guarantee in words and figures]*, and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of *[amount of guarantee]* as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the: *[insert date]*

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]