FEDERAL BOARD OF REVENUE

GOVERNMENT OF PAKISTAN

BIDDING DOCUMENT

FOR

SECOND ROUND (2026): AUTHORIZATION OF ADDITIONAL VENDORS FOR INSTALLATION AND MAINTENANCE OF

VIDEO ANALYTICS SYSTEM FOR COTTON BALES COUNTING IN TEXTILE SECTOR

(Three Years from Authorization)

NATIONAL COMPETITIVE BIDDING | SINGLE STAGE - ONE ENVELOPE | RULES 27(a) AND 28(a), PPRA 2026

Public Procurement Rules, 2026 - Rules 26, 27(a) and 28(a) | Sales Tax Rules, 2006 - Chapter XIV-BA

Electronic bids shall be submitted through EPADS in accordance with the applicable PPRA framework and the Bid Data Sheet.

Any hard-copy requirements shall be limited to originals of securities or other documents specifically required in the Bid Data Sheet.

Room No. 506, 5th Floor, FBR House, Constitution Avenue, G-5, Islamabad

Bid Opening: Room No. 358, 3rd Floor, FBR House

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PART-A: BIDDING PROCEDURES

SECTION I

INVITATION FOR BIDS (IFB)

The Federal Board of Revenue (FBR), Government of Pakistan, invites fresh national competitive bids for the SECOND ROUND (2026) authorization of additional vendors for installation and maintenance of video analytics systems for cotton bale counting in textile spinning facilities. Certain vendors were authorized through the initial 2025 selection. This is an additional vendor-authorization exercise under Chapter XIV-BA of the Sales Tax Rules, 2006; it is not re-bidding following rejection of all bids under Rule 47 of the Public Procurement Rules, 2026, nor renewal or extension of any previously issued authorization. This new procurement shall be administered in accordance with the Public Procurement Regulatory Authority Ordinance, 2002 and the Public Procurement Rules, 2026, including Rules 26, 27(a), 28(a), 34, 41 and 42, as applicable. The notice and complete bidding documents shall be published on EPADS and the PPRA and FBR websites as required by Rule 18. Where the procurement value exceeds PKR 5 million, newspaper publication in at least one English and one Urdu national daily of wide circulation shall also be arranged. The 15-calendar-day response period is calculated from publication on EPADS under Rule 19; any corrected notice or extension shall be communicated equally through EPADS.

1. Scope of Supply and Services

The scope is authorization of multiple vendors to deploy complete computer vision-based cotton-bale monitoring systems at textile spinning units. It includes cameras, local computing and video storage, high-accuracy analytics software, FBR monitoring-hub integration, secure remote access, training, testing and maintenance for three years. Equipment and software specifications in Section V are performance-based; indicative configurations may be replaced with demonstrably equivalent or superior alternatives.

2. Eligibility

Bidders shall be legally eligible, registered with applicable tax and registration authorities, appear on the Active Taxpayers List where applicable, and satisfy the eligibility, financial-capacity and technical-documentation requirements in the BDS. Joint ventures/consortia are permitted subject to the BDS, lead-member authorization and joint and several liability. Eligibility shall be assessed on documented evidence without discriminatory restrictions.

3. Procurement Method and Model

Procurement model: fresh, non-exclusive, multi-vendor authorization of additional vendors under Chapter XIV-BA of the Sales Tax Rules, 2006. The method is national competitive bidding under the single-stage, one-envelope procedure in Rules 27(a) and 28(a) of the Public Procurement Rules, 2026. All mandatory eligibility, technical and POC documents shall be submitted through EPADS in one bid; indicative component/service prices may be included for information only. The Procurement Evaluation Committee shall examine eligibility and substantial responsiveness, and the Technical Evaluation Committee shall apply the published 70-mark technical matrix. Every eligible and substantially responsive bidder securing at least 49/70 shall be invited to the same FBR-designated, Technical Evaluation Committee-supervised POC without any prior approval, shortlisting or endorsement by the Approval Committee. After the Technical Evaluation Committee certifies the POC results, the Procurement Evaluation Committee shall finalize and forward the complete qualifying record for statutory vendor authorization. The Approval Committee has no role in technical evaluation, qualification, selection for POC, administration of POC or assessment of POC results; its function arises only at the authorization stage. Indicative prices shall not be marked, compared, ranked or used to qualify, disqualify or deny authorization. There shall be no lowest-price award and no separate financial evaluation stage.

4. Bid Security

A bid security of PKR 1,000,000 shall accompany each bid in the prescribed form, PROVIDED that the Procuring Agency has documented its procurement valuation and verified before publication that this amount complies with Rule 36 of the Public Procurement Rules, 2026. Where the statutory ceiling does not permit PKR 1,000,000, the published notice and BDS shall be corrected before inviting bids. The bid-security instrument shall remain valid for at least twenty-eight (28) days beyond the 120-day bid-validity period. An unsuccessful good-faith POC, standing alone, shall not trigger forfeiture. The separate authorization guarantee under Rule 150ZQZ(8)-(9) shall be furnished only by a qualifying vendor before issuance of authorization.

5. Pre-Bid Meeting

A pre-bid meeting will take place as per the following details:

(a) Pre-bid meeting, to clarify vendor queries, will take place on 02:30 PM on 16th November, 2026 in Room 358, 3rd Floor, FBR House, Constitution Avenue, G-5, Islamabad.

(b) The bidders who wish to join the meeting virtually can join by using the following link**:** https://zoom.us/j/92527362171?pwd=DOOgQTJE6Wk6yc4BluZ0x7nAYgqv3q.1 Meeting ID: 925 2736 2171 Passcode: 474617

(c) Pre-bid presentations and consultation shall not permit post-publication discriminatory changes; material amendments shall be issued on EPADS to all bidders through a formal addendum in accordance with Rule 34(7) and other applicable provisions.

6. Submission Procedure - Within 15 Calendar Days of EPADS Publication

Bidders shall submit a single electronic bid through EPADS along with two copies in hard not later than **11:00 A.M. 23.11.2026.** If the computed deadline is a public holiday or EPADS is unavailable, the procedure and rescheduling in Rule 40 shall apply; any other extension shall be notified on EPADS under Rule 39. The bid shall include eligibility documents, the complete technical proposal, qualification evidence, the POC undertaking, appropriate security, and any OPTIONAL indicative and NON-SCORING component/service price schedule. Prices shall not determine authorization; there is no separate financial-envelope opening.

7. Bid Opening - EPADS

Bids shall be opened on EPADS on the published closing date at 11:30 a.m. Pakistan Standard Time, at least thirty minutes after submission closes, in accordance with Rule 40 of the Public Procurement Rules, 2026. The Procurement Evaluation Committee shall record the opening and preliminary responsiveness proceedings. The Technical Evaluation Committee shall independently score the technical proposals and conduct the prescribed POC for every qualifying bidder. The Approval Committee shall have no role in determining who may participate in the POC or whether the POC has been passed. No financial ranking, price-based exclusion or separate financial opening is prescribed.

8. Right to Accept or Reject

FBR may reject individual bids only on the published eligibility, substantial-responsiveness and evaluation grounds. Rejection of all bids, cancellation of procurement, publication of evaluation reports and grievance redressal shall follow Rules 45, 46, 48 and 65, respectively, of the Public Procurement Rules, 2026. No bidder shall be disqualified by unannounced criteria. The 2025 first-round authorizations are not cancelled, extended or renewed by this second-round tender.

Farrukh Amir Sial
Secretary (Administration)
Room 506, Fifth Floor,
Federal Board of Revenue (HQ) Islamabad
Email: secretary.admin@fbr.gov.pk
Phone No: 051-9203679

SECTION II

INSTRUCTIONS TO BIDDERS (ITBs)

A. INTRODUCTION

1.	***Scope of Bid***	The FBR (Procuring Agency), as indicated in the Bid Data Sheet (BDS), invites Bids for the INSTALLATION AND MAINTENANCE OF VIDEO ANALYTICS SYSTEM FOR COTTON BALES COUNTING IN TEXTILE SECTOR as specified in the BDS and Section V — Technical Specifications & Schedule of Requirements. The successful Bidder will be expected to supply, install, integrate and maintain within the specified timeline as stated in the BDS.
1.2		Unless otherwise stated throughout this document, definitions and interpretations shall be as prescribed in the General Conditions of the Contract (GCC).
2.	***Source of Funds***	Source of funds is referred to in the Bid Data Sheet (BDS).
3.	***Eligible Bidders***	The Invitation to Bids is open to associations of firms/companies/sole proprietors/general order service providers, registered with relevant Registration Authorities and Tax Departments (Income Tax, Sales Tax, etc.), except as provided hereinafter. Public sector or Government-owned enterprises may participate only if they are duly/legally authorized in this regard by the respective/relevant competent forum/authority. In the case of a joint venture, consortium, or association, all members shall be jointly and severally liable for the execution of the Contract. A Lead Member nominated in the BDS shall have the authority to conduct all business on behalf of all members during the bidding process and contract execution.
3.2		Appointment of Lead Member in the joint venture, consortium, or association shall be confirmed by submission of a valid Power of Attorney to the FBR.
3.3		A verifiable copy of the joint venture, consortium, or association agreement shall be submitted as part of the Bid.
3.7		A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest if they: (a) have been associated with a firm engaged in preparing the specifications for this procurement; (b) have controlling shareholders in common; (c) have the same legal representative; or (d) can influence the decisions of the FBR regarding this Bidding process.
3.8		A Bidder may be ineligible if: (a) declared bankrupt or insolvent; (b) convicted of professional misconduct; (c) blacklisted or debarred by FBR or any foreign institution.
4.	***Eligible Information Systems***	For purposes of these Bidding Documents, the Information System means all required information technologies, hardware, software, consumables, installation, integration, commissioning, training, technical support, and maintenance services to be provided by the Bidder as specified in the Contract.

B. BIDDING DOCUMENTS

7.	***Contents of Bidding Documents***	The Contents of the Bidding Documents listed below should be read in conjunction with any addenda issued in accordance with ITB 9.2: Section I — Invitation to Bids Section II — Instructions to Bidders (ITBs) Section III — Bid Data Sheet (BDS) Section IV — Eligible Countries Section V — Scope of Work, Technical Specifications, Schedule of Requirements Section VI — Standard Forms Section VII — General Conditions of Contract (GCC) Section VIII — Special Conditions of Contract (SCC) Section IX — Contract Forms
7.2		The number of copies to be completed and returned with the Bid is specified in the BDS.
7.4		The FBR is not responsible for the completeness of the Bidding Documents and their addenda, if they were not obtained directly from the FBR or the signed PDF version downloaded from the FBR website. The FBR shall place both the PDF and same editable version to facilitate the Bidder for filling the forms.
8.	***Clarification, Pre-Bid Meeting and Site Visit***	A prospective Bidder requiring any clarification of the Bidding Documents may notify the FBR in writing or electronic form at the address indicated in the BDS. The FBR will respond within three (3) working days provided the request is received no later than three (3) days prior to the bid submission deadline as prescribed in ITB 21.1. If indicated in the BDS, the Bidder's representative is invited at the Bidder's expense to attend a pre-Bid meeting. Non-attendance will not be a cause for disqualification.
9.	***Amendment of Bidding Documents***	Before the deadline for submission of Bids, the FBR may modify the Bidding Documents by issuing addenda. Any addendum issued shall be part of the Bidding Documents and shall be communicated to all Bidders who have obtained the Bidding Documents. The FBR shall promptly publish any Addendum at its web page identified in the BDS.

C. PREPARATION OF BIDS

10.	***Language of Bid***	The Bid prepared by the Bidder, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the FBR shall be written in the English language unless otherwise specified in the BDS.
11.	***Documents Constituting the Bid***	The Bid prepared by the Bidder shall constitute the following components: (a) Form of Bid completed in accordance with ITB 14 and 15; (b) Bid Security furnished in accordance with ITB 16; (c) Documentary evidence of the Bidder's eligibility and qualification (ITB 13); (d) Documentary evidence establishing conformity of the proposed solution to the Bidding Documents; (e) Duly Notarized Power of Attorney authorizing the signatory; (f) Any other document required in the BDS.
12.	***Documents Establishing Eligibility and Conformity***	The Bidder shall furnish documentary evidence establishing conformity of the proposed system to the Bidding Documents, consisting of: (a) detailed description of essential technical specifications and performance characteristics; (b) an item-by-item commentary on the FBR's Technical Specifications; (c) any other procurement-specific documentation as stated in the BDS.
13.	***Documents Establishing Eligibility and Qualification of the Bidder***	The Bidder shall furnish documents establishing: (a) authorization by the manufacturer or producer to supply and install the information system in Pakistan (where the Bidder is not the manufacturer); (b) financial, technical, and supply/production capability to perform the Contract; (c) qualification criteria listed in the Bid Data Sheet.
14.	***Form of Bid***	The Bidder shall fill the Form of Bid provided in the Bidding Documents. The Bid Form must be completed without any alterations to its format and no substitute shall be accepted.
15.	***Bid Validity Period***	Each bid shall remain valid for 120 calendar days from the bid-submission deadline in the BDS. Extensions shall be requested only through EPADS in exceptional circumstances, supported by recorded reasons and subject to Rule 37, Public Procurement Rules, 2026; total extension shall not exceed the original validity period. A non-consenting bidder may withdraw without forfeiture. No bidder may amend the substance of an extended bid.
16.	***Bid Security***	Pursuant to ITB 11, unless otherwise specified in the BDS, the Bidder shall furnish as part of its Bid, a Bid Security of fixed amount specified in the BDS in the currency specified in the BDS in the format provided in Section VI (Standard Forms). The Bid Security shall be valid for twenty-eight (28) days beyond the end of the validity of the Bid. The Bid Security or Bid Securing Declaration may be forfeited if a Bidder withdraws its Bid during the period of Bid Validity, or in the case of a successful Bidder, if the Bidder fails to: (i) sign the contract; or (ii) furnish a performance guarantee.
17.	***Alternative Bids***	Bidders shall submit offers that comply with the requirements of the Bidding Documents. Alternatives will not be considered unless specifically allowed in the BDS.
18.	***Withdrawal, Substitution and Modification of Bids***	Before bid submission deadline, a Bidder may withdraw, substitute, or modify its Bid by sending a written notice duly signed by an authorized representative. Modified bids must comply with the same submission requirements.
19.	***Format and Signing of Bid***	The Bidder shall prepare one original and the number of copies as indicated in the BDS, clearly marking each "ORIGINAL" and "COPY". In the event of discrepancy, the original shall prevail. Except in Single Stage Procedure, the Bid shall include only the copies of technical proposal. All pages of the Bid shall be initialed by the person signing the Bid.

D. SUBMISSION OF BIDS

20.	***Sealing and Marking of Bids***	All bidders shall submit one bid through EPADS under the single-stage, one-envelope procedure prescribed by Rule 27(a), Public Procurement Rules, 2026. The bid shall contain the technical/eligibility proposal and a separately identifiable non-scoring indicative price statement (Annexure-D). No second financial envelope or price-ranked evaluation shall be used.
20.3		The bid shall carry the Second-Round 2026 procurement reference, identify eligibility and technical documents, and include indicative component/service rates only for transparency. Rates shall not be evaluated as qualifications, scored, ranked, or used as grounds to deny authorization.
21.	***Deadline for Submission of Bids***	Bids shall be submitted electronically through EPADS by the published deadline, namely the 15th calendar day after publication of the notice on EPADS, 11:00 a.m. PST, subject to Rule 39 extension and Rule 40 holiday/EPADS contingencies. Late submissions shall not be considered.
22.	***Late Bids***	The FBR shall not consider for evaluation any Bid that arrives after the deadline for submission of Bids. Any Bid received by the FBR after the deadline for submission of Bids shall be declared late, recorded, rejected and returned unopened to the Bidder.

23.	***Withdrawal, Substitution and Modification of Bids***	A Bidder may withdraw, substitute, or modify its Bid after submission, provided that written notice of the withdrawal, substitution, or modification is received by the FBR prior to the deadline prescribed for bid submission.

E. OPENING AND EVALUATION OF BIDS

24.	***Opening of Bids***	All bids shall be opened through EPADS at the published single-stage, one-envelope opening under Rule 27(a), Public Procurement Rules, 2026. Opening may record any indicative rate statement, but financial quotations shall not affect subsequent eligibility and technical scoring or the mandatory POC. There is no delayed financial-envelope opening and no financial evaluation stage.
25.	***Confidentiality***	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 concerned with such process until the time of the announcement of the respective evaluation report.
26.	***Clarification of Bids***	Clarifications of bidding documents and bids shall be conducted through EPADS within the limits of Rule 38 of the Public Procurement Rules, 2026. No clarification may alter the substance of an opened bid or introduce new criteria.
27.	***Preliminary Examination of Bids***	Prior to the detailed evaluation of Bids, the FBR will determine whether each Bid: (a) meets the eligibility criteria; (b) has been prepared as per the format in the Bidding Documents; (c) has been properly signed; (d) is accompanied by the required securities; and (e) is substantially responsive to the requirements of the Bidding Documents.
28.	***Examination of Terms and Conditions; Technical Evaluation***	The FBR 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. The FBR shall evaluate the technical aspects in accordance with ITB 20, to confirm that all requirements specified in Section V — Schedule of Requirements, Technical Specifications of the Bidding Documents have been met without material deviation.
29.	***Non-Responsive Bids***	Bid non-responsiveness shall be determined only by published legal eligibility and material technical/documentary conditions. The amount, competitiveness or completeness of an indicative price statement is not a material deviation and shall never be grounds for disqualification from vendor authorization. FBR may request voluntary administrative clarification of indicative rates without changing technical offer or POC conditions.
30.	***Evaluation and Comparison of Bids***	A. ELIGIBILITY: The Procurement Evaluation Committee shall verify published legal eligibility and substantial responsiveness. B. TECHNICAL SCORING: The Technical Evaluation Committee shall apply the 70-mark matrix (10 technical presentation; 20 general IT/OT/ICT project experience; 20 technical team/integration readiness; 20 deployment and support readiness), with a minimum of 49/70. No prior video-analytics contract is required. C. POC PARTICIPATION: Every eligible and responsive bidder scoring 49/70 or more shall be invited to the same published POC by the Procurement Evaluation Committee, as of right under the stated qualification criteria; no Approval Committee pre-clearance or additional shortlisting is required. D. POC ASSESSMENT: The Technical Evaluation Committee shall witness, assess and certify each result under Annexure-C. E. FINAL REFERRAL: The Procurement Evaluation Committee shall publish the required results and forward all POC-passing bidders for statutory authorization. The Approval Committee participates only at the authorization stage, not in eligibility assessment, technical scoring or POC decisions. INDICATIVE PRICES: Non-scoring information only; no price-based responsiveness test, financial-envelope opening or financial ranking.
31.	***Correction of Errors***	Any arithmetic discrepancy in the non-scoring indicative price schedule may be clarified for records and manufacturer information. It shall not cause rejection, alter technical marks, change the POC outcome or affect vendor authorization. Technical or eligibility defects shall be treated only in accordance with the applicable PPRA material-deviation and clarification provisions.
32.	***Proof of Concept (POC) for Technically Qualified Bidders***	All eligible and substantially responsive bidders scoring at least 49/70 shall be invited by the Procurement Evaluation Committee to the same published one-time POC under Annexure-C, without prior permission or selection by the Approval Committee. The Technical Evaluation Committee shall supervise and record the objective results and certify pass/fail. A bona fide technical failure results in non-qualification, not automatic bid-security forfeiture. Indicative prices are irrelevant to POC participation, grading and authorization.
33.	***Authorization of Qualified Vendors***	This second-round exercise provides additional, non-exclusive statutory vendor authorizations. After the Procurement Evaluation Committee has finalized eligibility and evaluation records and the Technical Evaluation Committee has certified scores of at least 49/70

		and successful POC results, every successful bidder shall be forwarded to the statutory authorization process. The Approval Committee acts only at that authorization stage under Chapter XIV-BA, and the Board shall issue the corresponding authorization upon compliance with lawful bank-guarantee and documentation formalities. No price ranking or rate-reasonableness test determines authorization. Previously authorized 2025 vendors remain unaffected.
34.	***FBR's Right to Vary Quantities***	No limitation on the number of otherwise eligible and successful POC-passing bidders is to be applied through pricing or unannounced selection caps. There is no FBR purchase quantity to vary. The coverage per manufacturer and maximum regulated charges, if any, are governed separately by Chapter XIV-BA and the Manufacturer-Vendor Site Agreement.
35.	***Notification of Authorization***	FBR shall issue a Letter of Authorization after the Procurement Evaluation Committee communicates the relevant technical and POC results, applicable PPRA grievance steps are observed, and the Approval Committee has performed its authorization-stage function under Chapter XIV-BA, followed by the competent FBR authorization decision and the statutory bank guarantee. The Approval Committee shall not authorize POC participation or conduct technical evaluation. Successful POC, following 49/70 technical qualification, is the decisive technical criterion; indicative prices are irrelevant.
36.	***Signing of Authorization Agreement***	The authorized vendor shall execute the FBR Authorization Agreement within the stated time after the LOA and provide the statutory authorization security before issuance as required by the Sales Tax Rules. A manufacturer shall separately place a purchase order or enter a commercial agreement for each facility.
37.	***Publication of Procurement Contract***	The technical evaluation and POC results, final authorization recommendations, and authorization outcomes shall be published through EPADS, PPRA and FBR as prescribed by Rules 48, 49, 56 and 57, subject to legally protected confidentiality. There is no separately ranked financial evaluation report or delayed financial opening because prices are non-scoring and do not affect authorization.
38.	***Performance Guarantee***	Before the authorization becomes effective, the qualifying vendor shall provide the unconditional authorization bank guarantee prescribed by Rule 150ZQZ(8)-(9) of the Sales Tax Rules, 2006: five percent of the project cost or PKR five million, whichever is lower, subject to any later valid amendment. No separate 10% FBR purchase-price guarantee shall be imposed in the absence of a lawful and separately justified procurement contract.

F. AUTHORIZATION OF VENDORS

39.	***Authorization Criteria***	The Procurement Evaluation Committee shall verify eligibility and substantial responsiveness; the Technical Evaluation Committee shall score the 70-mark technical matrix and certify results, with a qualifying threshold of 49/70. Every qualifying bidder shall participate in the same mandatory POC, witnessed and assessed by the Technical Evaluation Committee, without Approval Committee permission or shortlisting. All POC-passing bidders shall be forwarded through the Procurement Evaluation Committee to the statutory authorization process. The Approval Committee shall perform only its authorization-stage function under Chapter XIV-BA; the Board shall issue non-exclusive three-year authorizations upon completion of the applicable statutory security and formalities. Indicative prices have no role in technical scoring, POC selection, grading or authorization.
40.	***Notification of Authorization***	An authorization instrument shall be issued by the competent FBR authority after committee recommendation, approval and statutory guarantee. It shall specify three-year duration from the authorization date, non-transferability, technical conditions and continuing audit obligations, without implying minimum guaranteed business or FBR payments.
41.	***Signing of Authorization Agreement***	The Vendor shall accept the authorization conditions within the stated period. No sub-contractor may exercise the approved vendor's authorization; manufacturers shall select among FBR-authorized vendors and execute their own separate arrangements.
42.	***Publication of Award***	FBR shall publish the technical evaluation (including POC results), final authorization outcome and required documents through EPADS and relevant websites as prescribed by Rules 48, 56 and 57 of the Public Procurement Rules, 2026. No separate financial evaluation is undertaken or used as a condition of authorization.
43.	***Annulment of Award***	Where an applicant fails to furnish the legally prescribed authorization bank guarantee or execute the authorization undertaking, FBR may withdraw an intended authorization in

		accordance with applicable law. Bid-security forfeiture is confined to expressly stated lawful events, not to an unsuccessful good-faith POC.

G. GRIEVANCE REDRESSAL & COMPLAINT REVIEW MECHANISM

44.	Constitution of GRC	FBR shall constitute the Grievance Redressal Committee (GRC) in accordance with Rule 65(1) of the Public Procurement Rules, 2026, with the required odd number of members completely outside the procuring agency, from other procuring agencies or the pool of experts accessible through EPADS.
45.	Complaints on bidding documents	Any party may file a written complaint about eligibility, evaluation criteria or bidding terms, where alleged to contravene the procurement regulatory framework, not later than two days before the proposal submission deadline, to be addressed by the GRC under Rule 65(2).
46.	Complaints following technical evaluation	An aggrieved bidder or party may lodge a written complaint within seven days of publication of the technical evaluation report under Rule 65(3). The GRC may suspend procurement proceedings under Rule 65(4), as appropriate.
47.	Complaints following final evaluation	An aggrieved bidder or party may lodge a complaint within five days after issuance of the final evaluation report, subject to Rule 65(5). The GRC shall investigate and decide within ten days under Rule 65(6).
48.	Appeal and suspension	Any party dissatisfied with a GRC decision, or its failure to decide within the prescribed period, may appeal to the PPRA Appellate Committee within ten days of communication of decision, after the prescribed fee and other requirements, under Rule 65(7). The Appellate Committee may suspend contract award pending appeal.
49.	Publication and record	Complaints, committee decisions, appeals and applicable suspensions shall follow Rule 65 and be recorded through legally prescribed mechanisms. An independently created Complaint Review Committee (CRC) procedure shall not replace the statutory GRC.

H. MECHANISM OF BLACKLISTING

50.	Grounds	FBR may commence blacklisting/debarment proceedings only for grounds recognized in the applicable procurement legislation, including proven corrupt or fraudulent practices, performance failure and violation of bid security commitments.
51.	Notice and right to respond	Before any blacklisting decision the competent authority shall issue a reasoned show-cause notice, identify allegations and proposed period, and provide the statutory minimum time and opportunity for written response.
52.	Fair hearing	The bidder or vendor shall be afforded a hearing, where required, before the competent officer in accordance with the applicable PPRA blacklisting and debarment procedures.
53.	Reasoned decision	A written, reasoned order shall record the evidence, legal basis, applicable period and available review rights. No arbitrary fixed one-to-five-year period shall replace a period permitted by law.
54.	Notification to PPRA	A blacklisting order shall be notified and recorded through the channels and procedure prescribed under the applicable PPRA framework.
55.	Review/appeal	The affected party may exercise statutory representation, review or appellate rights within the period prescribed in the applicable PPRA rules and regulations.

SECTION III

BID DATA SHEET (BDS)

The BDS supplements the ITBs. The Public Procurement Rules, 2026 apply because this second-round procurement was initiated on or after 28 September 2026. The exercise is for additional statutory vendor authorization under Chapter XIV-BA of the Sales Tax Rules, 2006, with manufacturer-funded installations and no FBR equipment or per-site payment obligation. The Procurement Evaluation Committee shall determine legal eligibility and substantial responsiveness; the Technical Evaluation Committee shall apply the revised 70-mark technical scoring criteria (minimum 49), invite all such qualifying bidders to the same mandatory POC and record pass/fail results. The Approval Committee shall participate only in subsequent statutory vendor authorization and shall not approve technical qualification or POC invitations. Indicative manufacturer-charge prices shall not affect qualification, scoring, POC participation or authorization.

ITB Reference	Data
ITB 1.1 — Procuring Agency	Federal Board of Revenue (FBR), Government of Pakistan
ITB 1.1 — Name of Contract	SECOND ROUND (2026) - Competitive Authorization of Additional Vendors for Installation and Maintenance of Video Analytics Systems for Cotton Bales Counting in Textile Sector (three years from each new authorization). This is a fresh competition; earlier 2025 authorizations remain separately effective.
ITB 2.1 — Source of Funds	Manufacturer-financed deployment under Sales Tax Rules, 2006, Rule 150ZQZD. FBR bears only its separately budgeted public administration and monitoring costs; no equipment or per-site payments to vendors by FBR. The estimated procurement value and rate ceilings must be formally documented for applying PPRA requirements.
ITB 3.1 — Lead Member in JV	Required for joint ventures/consortiums; all members jointly and severally liable
ITB 7.2 — Number of Copies	One (01) original and two (02) certified copies where required; electronic submission on EPADS remains mandatory and controlling.
ITB 8.1 — Clarification Address	Secretary (Procurement), Room No. 506, 5th Floor, FBR House, Constitution Avenue, G-5, Islamabad. Email: pdtnt@fbr.gov.pk
ITB 8.5 — Pre-Bid Meeting	Pre-bid meeting, to clarify vendor queries, will take place on 02:30 PM on 16th November, 2026 in Room 358, 3rd Floor, FBR House, Constitution Avenue, G-5, Islamabad. The bidders who wish to join the meeting virtually can join by using the following link: https://zoom.us/j/92527362171?pwd=DOOgQTJE6Wk6yc4BluZ0x7nAYgqv3q.1 Meeting ID: 925 2736 2171 Passcode: 474617 Pre-bid presentations and consultation shall not permit post-publication discriminatory changes; material amendments shall be issued on EPADS to all bidders through a formal addendum in accordance with Rule 34(7) and other applicable provisions.
ITB 10.1 — Language of Bid	English
ITB 11.1(b) — Samples	Not required
ITB 13.3(a) — Qualification Criteria	Registered business (SECP or other lawful registration), NTN and STRN where applicable, Active Taxpayer List status, non-blacklisting and no disqualifying conflict of interest; documentary evidence of average/annual turnover of at least PKR 50 million for each of the most recent three financial years, using the FIN and AAT forms (subject to JV aggregation method stated in ITBs); and technical capacity and generic IT/OT experience under the REVISED Annexure-B 70-mark matrix (minimum 49/70). Prior video-analytics experience is not mandatory. Financial CAPACITY evidence is a pass/fail eligibility requirement, not a financial price evaluation.
ITB 13.3(d) — Authorization	Supplier authorization and equipment manufacturer documentation, where relevant, shall be submitted to establish eligibility; consistent with original BDS ITB 4.6, a separate manufacturer authorization letter is not an across-the-board mandatory prerequisite.
ITB 15.1 — Bid Validity Period	ONE HUNDRED AND TWENTY (120) calendar days commencing on the BID SUBMISSION DEADLINE (not publication date). Any extension shall comply with Rule 37, Public Procurement Rules, 2026, requested through EPADS with corresponding extension of bid security where applicable. A bidder may refuse without forfeiture.
ITB 16.1 — Bid Security Amount	PKR 1,000,000 subject to documented pre-publication validation against the percentage ceiling and valuation requirements of Rule 36, Public Procurement Rules, 2026. Should the verified estimated procurement value not support this amount, FBR shall publish a lawful corrected figure in the notice and BDS before invitation.
ITB 16.3 — Form of Bid Security	Bank Guarantee or Pay Order or Demand Draft in favour of FBR, valid for 28 days beyond bid validity
ITB 17.1 — Alternative Bids	Not permitted
ITB 19.1 — Copies of Bid	One original plus two certified copies where paper delivery is required; complete bid must be filed electronically through EPADS.

ITB 20.1 — Submission Address	EPADS electronic submission is mandatory; hard-copy original bid security and certified copies only if specifically required in the notice/BDS.
ITB 21.1 — Bid Submission Deadline	Date: November, 23 2026 Day: Monday Time: 11:00 AM
ITB 24.1 — Bid Opening Venue	EPADS electronic opening at 11:30 a.m. PST on the bid-submission closing date, not less than 30 minutes after closing, subject to any valid EPADS notice of revised date/time (Rule 40). One envelope: there is no separate financial-envelope opening.
ITB 30.1 — Evaluation Criteria	Single-stage, one-envelope national competitive bidding under Rules 27(a) and 28(a), Public Procurement Rules, 2026. The Procurement Evaluation Committee verifies published legal eligibility and substantial responsiveness. The Technical Evaluation Committee scores the revised 70-mark matrix (10+20+20+20) with minimum 49/70. Every qualifying bidder shall automatically be invited by the Procurement Evaluation Committee to the same mandatory POC under Annexure-C; the Technical Evaluation Committee witnesses and certifies the result. The Approval Committee is not involved at either of these stages and acts only upon receipt of the final successful-bidder record for statutory authorization. No financial evaluation, price ranking or lowest-price winner exists; indicative prices are informational only.
ITB 34.1 — Quantity Variation	This is an authorization, not a fixed-volume FBR supply contract; no 15% option to increase/decrease FBR-purchased quantities. Manufacturer engagement and approved charging ceilings are governed by the Sales Tax Rules.
ITB 38.1 — Performance Guarantee	Before authorization: unconditional bank guarantee under Rule 150ZQZ(8)-(9) of the Sales Tax Rules, 2006 (5% of project cost or PKR 5 million, whichever is lower, for the authorization duration), subject to any valid later amendment.
POC Requirement	Every eligible and substantially responsive bidder scoring at least 49/70 shall be invited by the Procurement Evaluation Committee to the same published technical POC. The Technical Evaluation Committee shall witness, score and certify the POC independently of the Approval Committee. On a successful POC, the Procurement Evaluation Committee forwards the bidder for statutory authorization. Indicative prices do not affect eligibility, participation, POC pass/fail or authorization. Bona fide POC failure does not trigger automatic bid-security forfeiture.
Contract Duration	Three (03) years from the date of FBR vendor authorization, unless lawfully withdrawn earlier.
Delivery/Installation Period	The Authorized Vendor shall commence deployment promptly and COMPLETE SUPPLY, INSTALLATION, CALIBRATION, FBR INTEGRATION, TESTING AND COMMISSIONING OF EACH ORDERED SYSTEM WITHIN FOURTEEN (14) CALENDAR DAYS of receipt of the relevant manufacturer purchase order, subject only to documented and formally approved force majeure/site-access exceptions. This is a stricter contractual target within the statutory outer limit of ninety (90) days referred to in Rule 150ZQZA(4); the 90-day period is not the ordinary contractual deployment period.
Warranty	Maintenance, warranty and support for at least the three-year authorization period, as provided in the vendor-manufacturer site agreement and approved FBR support plan.

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)

SECTION V

SCOPE OF WORK, TECHNICAL SPECIFICATIONS & SCHEDULE OF REQUIREMENTS

A. BACKGROUND AND OBJECTIVES

FBR intends to authorize qualified vendors to deploy turnkey video analytics for counting cotton bales during the spinning process. The system must provide independent real-time production visibility for tax enforcement, combining high-accuracy object detection, local processing and storage, secure data transfer to the FBR monitoring hub, and on-demand secure remote video viewing. This framework authorizes multiple suppliers so manufacturers may contract with an approved vendor rather than creating a single exclusive FBR supply contractor.

The objectives of this procurement are:

- i. Objective: Enable accurate, timely and independently auditable production counting, deterrence of unreported consumption, and secure monitoring of spinning operations.
- ii. System: End-to-end integrated cameras, NVR/video storage, local CPU/GPU computing, proven video analytics software and connectivity to FBR; hardware examples are indicative and equivalent or superior equipment is admissible when performance is proved.
- iii. Testing and selection: Following preliminary eligibility checks by the Procurement Evaluation Committee and technical scoring by the Technical Evaluation Committee using the 70-mark matrix, every eligible and substantially responsive bidder attaining 49/70 shall be invited by the Procurement Evaluation Committee, on the Technical Evaluation Committee's certified score, to the equal-opportunity FBR-witnessed one-time POC. The Technical Evaluation Committee shall assess and certify POC results without referral to the Approval Committee. Successful POC completion is the conclusive technical condition for forwarding the bidder for statutory authorization, subject to applicable authorization and guarantee formalities. The original 99% counting objective and 99%/95% POC grading are retained. Indicative prices have no role in the outcome.
- iv. Enforcement: 99% daily system availability, real-time counts and event reporting, unexpected stoppage/tamper alerts, secure live-feed access for authorized FBR personnel, historical audit trails and central multi-site oversight.
- v. Reporting and control: The supplier shall deliver machine-readable count data to FBR through approved APIs, allow FBR control over material model thresholds, configuration changes and alerts, and provide measurable ongoing accuracy checks, including precision, recall and F1 score.

B. SCOPE OF WORK

B.1 Turnkey Video Analytics Deployment

The vendor shall supply a complete working system, selected by layout-specific site survey and justified by high- and low-level diagrams; the implementation must include, as applicable:

- Industrial cameras placed at the bale-stacking/plucking regions of interest, including Blendomat and Auto-plucker positions, with effective coverage for each production line.
- Local processing hardware, CPU/GPU or functionally equivalent edge computing as appropriate, together with network video recording and adequate local storage.
- Commercially proven or verifiably equivalent computer-vision analytics software, model training/configuration, user interfaces, monitoring and reporting components.
- Industrial cabling, switches, labelled connections, suitable environmental enclosure, UPS for at least two hours and power/network protection.
- Secure real-time integration of data with the FBR monitoring hub through documented APIs or other FBR-approved interoperability mechanism.
- Secure on-demand live feed access and operational training for authorized FBR officers and site operators.
- Installation, demonstration, commissioning, warranty, preventive maintenance, help desk, spare parts and support throughout the three-year authorization term.

Video analytics and source video shall be processed and stored locally at the spinning unit. Structured count and event data shall be securely transmitted to the FBR monitoring hub; where expressly authorized by FBR, encrypted live camera feeds shall be accessible on demand for enforcement and audit. Off-site data hosting or cloud-based analytical/backup

facilities may be proposed only if FBR expressly approves the security, data governance, connectivity and operational architecture. No bidder shall assume that using a cloud component removes the requirement for local functioning or secure FBR access.

B.2 Mandatory Proof of Concept (POC)

Every eligible and substantially responsive bidder obtaining at least 49/70 on the published scoring matrix shall undertake the same mandatory POC at an FBR-designated spinning facility. The Procurement Evaluation Committee shall arrange invitations on the Technical Evaluation Committee's recorded scores; no Approval Committee permission or prior endorsement shall be sought. The Technical Evaluation Committee shall supervise and witness the POC, record the same test quantities, operating conditions and grading for all bidders, and issue an evidence-based pass/fail report. The Procurement Evaluation Committee shall transmit all successful cases for statutory authorization. Prices shall not be scored, ranked or used to exclude a successful bidder. Authorization issuance remains subject to the legally prescribed authorization security and formalities.

- Demonstrate the 99% production-counting benchmark; grade at or above 99% as Very Good, 95% to below 99% as Good, and below 95% as Not Acceptable, consistently with the original document. A POC result graded Good may pass the demonstration but does not waive the 99% target for subsequent operational accuracy improvement and acceptance.
- Demonstrate production counts, timestamps, error analysis, uptime, unexpected stop alerts, and a usable monitoring interface.
- Demonstrate secure near-real-time production-count data exchange with the FBR monitoring hub and on-demand FBR live-view access.
- Demonstrate robustness against vibration, shifting illumination, partial occlusion, manual handling, human movement in view and both local and imported bale dimensions.
- Be assessed using the original POC testing and grading framework supplemented by the documented Annexure-C test protocol.

A bidder failing a published essential POC criterion shall be classified as technically unsuccessful by the Technical Evaluation Committee, with documented reasons, and shall not receive authorization on that bid. A good-faith technical failure is not, by itself, grounds for bid-security forfeiture. The Procurement Evaluation Committee shall record and communicate the evaluation outcome and ensure the applicable grievance procedure. Every eligible bidder scoring at least 49/70 who passes the POC shall be included in the technical qualification report transmitted for authorization irrespective of indicative prices. No Approval Committee decision is required for admission to or assessment of the POC.

B.3 Integration Requirements

- The vendor must transmit time-stamped line-level bale counts, shift/day summaries, unexpected stoppages, system availability status, tamper events and other FBR-prescribed enforcement data to the monitoring hub.
- The system must permit FBR to monitor multiple spinning sites centrally, correlate count data and review historical exceptions.
- Data aggregation, analytics and archiving at the FBR monitoring hub shall be compatible with FBR-designated interfaces and retention policies.
- Data transfer shall use documented APIs or FBR-approved secure interchange methods; vendors shall provide the required interface documentation and testing support.
- Data shall be transmitted by authenticated, encrypted communication and accessible only to authorized roles; FBR may prescribe additional security protocols by formally issued specifications.

B.4 Maintenance and Support

- The authorized vendor shall provide 24/7 incident reporting and support arrangements, together with a documented escalation matrix and regional service capability in Pakistan.
- Service response, resolution and replacement times shall be declared in the vendor proposal and endorsed by FBR; critical failures shall receive prompt response and immediate escalation. The approved SLA shall be recorded in the site agreement and monitored by FBR.
- The vendor shall monitor hardware, video feeds, model health, network transmission, uptime and data integrity, with FBR-visible alerts for sustained outages and suspected tampering.
- Software patches, updates and material model revisions shall be controlled and recorded. Detection thresholds and enforcement-related settings may not be changed without FBR approval.
- The vendor shall maintain adequate local spares and replace failed equipment within the response and repair times agreed with the manufacturer and approved in the support plan.

- The vendor shall provide monthly system availability and counting-accuracy reports and quarterly technical and maintenance reviews to FBR.

C. TECHNICAL SPECIFICATIONS

C.1 Camera / Imaging Unit Specifications

FBR permits hardware configurations capable of meeting the performance requirements. A typical system uses IP cameras with local NVR/storage and a CPU/GPU analytics server. Integrated AI cameras or hybrid solutions may be offered as equivalent alternatives only where the bidder demonstrates that counting, local recording, security, remote live access and 99% operational accuracy are fully met. The component descriptions that follow are indicative, not brand-specific mandatory designs.

- Indicative architecture A: Industrial IP camera(s) feeding a local network video recorder and GPU-equipped local server executing high-accuracy bale detection and transmitting structured results to the FBR monitoring hub.
- Equivalent architecture B: AI-capable cameras with local processing and a recorder/aggregation system, subject to functional equivalence. Dedicated server-class CPU/GPU benchmarks shall not be mechanically applied to a smart camera if its equivalent demonstrated performance meets every required outcome.

Each bid shall declare equipment location, proposed compute arrangement, video retention, controls, cloud/remote interfaces and cybersecurity architecture. Equivalent proposals shall be evaluated on documented measurable performance, not on a nominated manufacturer or chipset.

The camera figures in the following table are indicative references from the original RFP. Bidders may offer equivalent or superior equipment with sufficient field of view, resolution, light sensitivity and reliability under spinning mill conditions; installation shall be approved on the basis of visibility and actual POC performance.

Parameter	Indicative reference (or substantiated equivalent/superior)
Image Sensor Resolution	1080p (1920 x 1080), colour; higher resolution may be offered where useful.
Frame Rate	30 frames per second as the original indicative reference; equivalent imaging accepted if POC performance demonstrated.
Lens Type	Lens and field of view adequate to detect individual bales across the stacking/plucking region.
Low-Light Performance	Low-light or additional illumination as needed to maintain counting accuracy in changing production conditions.
IR Range	Industrial lighting/IR as site survey requires; no uniform fixed-distance IR mandate.
Wide Dynamic Range (WDR)	Sufficient WDR/dynamic exposure for glare, shadows and uneven lighting; validated at site.
IP Rating (Protection)	Industrial ingress protection adequate for factory dust/humidity (original indicative camera IP65; general exposed hardware IP66 where needed).
Operating Temperature	Manufacturer-rated operational temperature suitable for the designated spinning hall.
Video Compression	H.264/H.265 or technically equivalent bandwidth-efficient format.
Streaming Protocol	RTSP, ONVIF or equivalent documented, interoperable video interface.
Power Supply	24 V DC or protected PoE as appropriate to the approved system design, backed by UPS.
Mounting	Industrial-grade corrosion-/vibration-resistant mounts and enclosed cabling.
Certification	Applicable equipment safety/EMC standards; documentary evidence supplied on request.

C.2 On-Site Computing Unit / Embedded AI Module Specifications

The following computing and storage values are indicative examples based on the original RFP (including i7 12th generation-class CPU and RTX 4080-class GPU) and do not create proprietary or fixed-chip obligations. The vendor must dimension compute capacity against the actual number of concurrent video streams and demonstrate the minimum performance and storage requirements through testing.

Parameter	Indicative reference (or substantiated equivalent/superior)
Processor (CPU)	Intel Core i7 generation 12 or later, or equivalent processing capacity demonstrated for proposed stream count.
CPU Cache	Appropriate cache for the selected processor; model-specific cache sizes are not an independent eligibility hurdle.
RAM	32 GB DDR5 or equivalent memory sized for concurrent analytics; scalable as required.
GPU / AI Accelerator	RTX 4080-class GPU or equivalent AI acceleration capable of achieving verified 99% counting and required processing rate.

Tensor / AI Processing Units	Tensor/AI processing resources sufficient for real-time models; no fixed NVIDIA-specific core or PCIe count.
Primary Storage (OS/App)	Two 1 TB SSDs in RAID 1 or equivalent resilient application/configuration storage (original indicative reference).
Video Storage	NVR/video recorder supporting site camera channels, with more than 2 months recording; original indicative 4 TB per camera.
Network Interface	At least one 1 Gbps Ethernet interface; additional capacity based on site design.
PCIe Interface	Appropriate expansion interfaces for required cameras, storage and accelerator.
Cooling	Manufacturer-approved cooling and ventilation for local spinning facility conditions.
Power Supply	Protected electrical supply and adequate PSU capacity; no fixed 1000 W requirement where lower-load systems suffice.
UPS Backup	UPS able to sustain all operational on-site devices for at least 2 hours.
Form Factor	Rugged or appropriately enclosed local server/IPC; weather/dust protection based on environment.
Operating System	Supported Ubuntu/Linux or equivalent supported OS; secure, patched and manageable.
Operating Temperature	Operating environment consistent with manufacturer limits and installed industrial enclosure.
Certifications	Applicable electrical and safety/EMC compliance demonstrated by documents.

C.3 Network Infrastructure

Parameter	Indicative / performance-based requirement
LAN Switch	Industrial Ethernet/PoE switches sized for cameras; sufficient bandwidth; site-specific spare capacity.
Cabling	Cat5e or Cat6 or technically equivalent industrial cabling, labelled and routed in approved cable containment.
Network Security	Firewall, IP whitelisting, role-based access and network separation adequate to prevent unauthorized modification.
WAN Connectivity to FBR CCU	Secure WAN path to FBR monitoring hub via VPN/TLS or other approved method; redundant links as justified by site risk.
Network Time Protocol (NTP)	Devices shall use synchronized timestamps for reliable audit trail and event correlation.

C.4 AI/ML Model Specifications

The proposed model must count locally handled and imported cotton bales of different shape, packaging, edge distortion and orientation, including closely stacked bales in the vicinity of Blendomat/Auto-plucker equipment. The minimum system accuracy benchmark is 99%, while the POC grading and mandatory pass tests are specified in Annexure-C. FBR retains authority to review counting accuracy and model revisions.

Parameter	Functional requirement (original benchmark / test basis)
Detection Target	Cotton bales of local/imported types, varying size, shape, wrapper and edge integrity.
Detection Algorithm Type	Reliable commercially demonstrated computer-vision or equivalent AI/ML detection suitable for live industrial counting.
Minimum Counting Accuracy (POC/Acceptance)	99% counting benchmark for the deployed solution under approved operational conditions; POC grades defined in Annexure-C.
Target Counting Accuracy (Operational)	99% operational target, monitored through independent verification and ongoing calibration.
False Positive Rate	False counts to be measured and reported separately as precision, recall and F1 rather than justified by a fixed new allowance.
False Negative Rate	Missed counts to be measured and reported separately; material systematic undercount is not acceptable.
Inference Latency	Near-real-time detection suitable for movement and stacking speed, including concurrent bale movement.
Model Robustness	Maintain performance under dust, fluctuating light, partial occlusion, manual handling and vibration.
Anomaly Detection Capability	Unexpected stops, feed interruptions, camera tampering and material count discrepancies shall generate auditable alerts.
Multi-Line Support	Support concurrent camera/line streams sufficient for all approved monitoring positions.
Model Update Mechanism	Version-controlled model tuning with FBR written approval for enforcement settings; auditable rollback.
Model Transparency	Vendor shall give FBR model configuration/history, thresholds, evaluation results, precision, recall and F1 reports.
Edge Inference	Local operational processing and secure FBR data publication; optional ancillary cloud functions only if explicitly approved.

C.5 Video Management System (VMS)

Parameter	Requirement
Compliance	ONVIF Profile S and/or Profile T compliant; supports standard RTSP streams
Live View	Multi-camera live view (minimum 4 cameras simultaneously); wall/grid layout; full-screen single camera view
Playback	Time-based and event-based search; frame-accurate playback; export to standard formats (MP4, AVI)
Access Control	Role-based access control (RBAC): minimum three roles — FBR Super Administrator, FBR Auditor (view-only), Facility Operator; multi-factor authentication (MFA) for administrator accounts
Audit Logs	Immutable audit logs of all user logins, configuration changes, video exports, and alert acknowledgements; minimum 180-day log retention
Health Monitoring	Automated alerts for: camera offline; storage full; high CPU/GPU utilization; network connectivity loss; AI model inference failure
Alerts and Notifications	Real-time push notifications via dashboard and email to FBR designated contacts; configurable alert thresholds
Data Integrity	Timestamped audit evidence and cryptographic integrity controls for recorded video/count logs; FBR audit access.
API	Documented, authenticated interfaces compatible with FBR hub and permitted live-view access.
Encryption	Encryption and access controls meeting FBR-approved cybersecurity and data governance requirements.

C.6 Analytics Dashboard Requirements

The Analytics Dashboard shall be web-based (accessible via standard browser; no proprietary client software required on FBR workstations) and shall provide:

- Real-time bale count display: per camera, per production line, per shift, per day, per week, per month.
- Production summary reports: exportable in PDF, Excel (XLSX), and CSV formats.
- Trend analysis charts: bale counts over time with comparison across shifts, days, facilities.
- Anomaly event log: timestamped list of all detected anomalies with video clip thumbnails.
- System health dashboard: camera status, server status, storage utilization, AI model version.
- Reconciliation view: side-by-side comparison of system-counted bales vs facility-reported production vs TTS/ERP data.
- Facility-level and consolidated FBR-wide overview for multi-facility deployments.
- User management panel: manage roles, reset passwords, view access logs.
- All dashboard interfaces shall be responsive and accessible on standard desktop and laptop browsers (Chrome, Firefox, Edge — latest stable versions).

C.7 Storage and Retention

Requirement	Specification
Video Retention	More than two months of local video retention; indicative 4 TB per camera and NVR channel capacity sized to site.
Storage Redundancy	Redundant/secure storage or equivalent evidence-based resiliency plan appropriate to system design.
Count Data Retention	Count, alert and maintenance records preserved for regulatory review and FBR-approved archiving period.
Backup	Regular verified backups and documented disaster recovery procedures suitable to applicable architecture.
Video Export	Authorized export/review of relevant footage and counts with integrity logs; real-time FBR viewing permitted.
Data Deletion	Deletion and retention only in accordance with applicable law, FBR instructions and approved data retention policy.

C.8 Security Requirements

- All network ports on computing unit and cameras shall be hardened; default passwords must be changed prior to installation; SSH with key-based authentication for server access.
- Camera RTSP streams shall be accessed only over the local LAN; camera management interfaces shall not be exposed to the internet.

- All FBR-facing data transmissions (count data, alerts) shall use encrypted channels (TLS 1.2+) with certificate-based mutual authentication.
- Physical security: computing unit shall be installed in a locked cabinet or server room at the facility; access log for physical entry shall be maintained.
- Cybersecurity incident response: vendor shall notify FBR within twenty-four (24) hours of any detected cybersecurity incident affecting the system.

D. SCHEDULE OF REQUIREMENTS

The schedule below lists indicative components and quantities for a representative spinning site. Actual equipment and locations shall follow a joint survey and the manufacturer-vendor purchase arrangement. Any price entered here is for indicative disclosure, market transparency and the administration of any separately determined manufacturer-charge ceilings only. It is NOT an evaluation criterion, is NOT scored or ranked, and shall NOT determine issuance or refusal of an FBR vendor authorization. No quotation constitutes an FBR purchase commitment.

S.No	Item Description	Unit	Indicative Qty	Unit Price (PKR)	Total (PKR)
1	IP camera, 1080p 30fps or equivalent; industrial protection and approved coverage	Each	4–8		
2	Local CPU/GPU server or equivalent suitable for real-time 99% counting	Each	1		
3	Industrial switch appropriate to deployment	Each	1		
4	Two-hour UPS for all site devices	Each	1		
5	Structured Cabling, Conduit, and Installation Materials	Lot	1		
6	Camera Mounting Brackets (ruggedized, vibration-resistant)	Each	4–8		
7	Proven video analytics software license	License/Year	1		
8	Video management/NVR interface license	License	1		
9	Local/FBR data visualization and reports	License	1		
10	FBR integration and secure remote live-video access	License	1		
11	Installation, Configuration, and Commissioning Services	Lump Sum	1		
12	Training (FBR Personnel, minimum 2 persons, 3 days)	Lump Sum	1		
13	Annual Maintenance Contract (AMC) — Year 1	Year	1		
14	Annual Maintenance Contract (AMC) — Year 2	Year	1		
15	Annual Maintenance Contract (AMC) — Year 3	Year	1		
	TOTAL (PKR)				

Manufacturers shall contract with and pay their selected authorized vendors directly under Rule 150ZQZD of the Sales Tax Rules, 2006; FBR shall make no site-equipment or maintenance payment. Vendors may provide an indicative schedule of component, license, installation and recurring charges solely as non-binding information; its absence or content shall not disqualify any bidder. The Procurement Evaluation Committee and Technical Evaluation Committee shall not score, compare or rank prices to determine technical qualification, POC admission or POC results, and a tender-price ceiling, low-price ranking or price-reasonableness test shall not be an authorization hurdle. Any lawfully notified maximum manufacturer charges shall be administered separately under the governing Sales Tax Rules and shall not replace the published technical qualification and successful POC route. The Approval Committee shall not participate in pre-authorization technical or POC evaluation.

E. TECHNICAL EVALUATION CRITERIA

Technical scoring is 70 marks (10+20+20+20) with a minimum qualifying score of 49/70 (70%). To promote open competition and entry by capable IT, OT, networking, systems-integration and industrial-automation companies, previous contracts specifically involving video analytics or cotton-bale counting are NOT required and shall not be treated as an independent eligibility condition. Bidders may demonstrate transferable experience, named technical personnel, equipment access, installation plans and support capability as specified below. The 10-mark technical-presentation rubric (10 / 5 / 0) remains unchanged. Its individual items shall not be used as standalone disqualification conditions unless separately identified as essential, pass/fail requirements in the published compliance schedule. The technical criteria are exhaustive and shall be applied objectively in accordance with Rules 41 and 42 of the Public Procurement Rules, 2026.

The technical selection route is: (a) verification of published legal eligibility and substantial responsiveness by the Procurement Evaluation Committee; (b) technical scoring of at least 49/70 under the revised, broadly accessible matrix by the Technical Evaluation Committee; and (c) successful completion of the same mandatory POC assessed by that Technical Evaluation Committee under Annexure-C. No previous video-analytics project or specialist experience certificate is compulsory. The Procurement Evaluation Committee shall finalize and communicate the technical evaluation and POC results, then forward every successful case to the competent statutory authorization authority. The Approval Committee shall consider matters only at the vendor-authorization stage and shall not screen or approve invitations to POC. Indicative prices are non-scoring and shall not determine authorization. All scores and results shall be supported by written evidence and disclosed as required by applicable PPRA provisions.

Committee responsibilities (Phase I evaluation sequence): The Procurement Evaluation Committee administers the bid process, determines preliminary eligibility and substantial responsiveness, communicates results and POC invitations, and forwards the final evaluated list. The Technical Evaluation Committee conducts and records technical scoring, supervises the uniform POC and certifies pass/fail outcomes. The Approval Committee takes no action until the authorization stage and shall not approve or refuse POC participation, revise technical scores or reassess POC findings. The same 70-mark criteria and 49/70 threshold apply to every bidder; every qualifier is offered the published POC without additional discretion.

1. Technical Proposal Presentation (10 Marks)

S.No	Particulars	Mark (1 or 0)	Marks for Weightage
	Video Analytics System		
A	Industrial and standard Power Source Supply or Equivalent		Mandatory
B	Industrial and standard switch or Equivalent		Mandatory
C	Industrial and standard electrical cabinet or Equivalent		Mandatory
D	Proper cable management with identification tags reflected in the documentation		Mandatory
E	Available space for modification and expansion		Mandatory
F	Industry level cables and connectors or Equivalent		Mandatory
G	Accessibility for procurement in Pakistan		Mandatory
H	UPS (Uninterruptable power supply)		Mandatory

S.No	Particulars	Mark (1 or 0)	Marks for Weightage
I	Robust and industry-level hardware connectors		Mandatory
J	Accessibility of hardware for procurement in Pakistan		Mandatory
	IT Expertise		
A	System is scalable		Mandatory
B	Integration with other software/systems (e.g., databases, web-based application, systems)		Mandatory
C	Built-in cyber security measures to prevent data tampering (e.g., local server, data transmission etc.)		Mandatory
D	User friendly interface		Mandatory
	Scoring: All items compliant = 10 marks | Minor gaps (1-2 items) = 5 marks | Major gaps (3 or more items) = 0 marks		10

2. General Experience in IT, OT, Networking or Automation Projects (20 Marks)

Sr. No.	Particulars	Points System	Details
A	Completed general IT/OT/ICT, networking, CCTV, electronic surveillance, automation, digital infrastructure, software implementation or systems-integration assignments (any industry); specialized video analytics NOT required.	3 or more independently verified assignments = 20 marks 2 assignments = 15 marks 1 assignment = 10 marks No assignment = 0 marks	Evidence: bidder/JV-member contracts or purchase orders plus completion, accepted milestone or satisfactory-performance evidence identifying scope and delivery. Count distinct delivered assignments; do not require video-analytics reference letters. A zero in this category does not alone disqualify the bidder.

3. Technical Team, Integration and Solution Readiness (20 Marks)

Sr. No.	Particulars	Points System	Details
A	Named technical personnel: at least two identified competent IT/network/automation/vision-system professionals available for this assignment (employees or contractually committed).	5 for two named personnel with CVs and availability undertaking; otherwise 0.	Signed CVs or profiles, employment/engagement letters or commitment undertakings.
B	Design and integration capability: camera/edge-compute topology, connectivity, secure FBR API and cybersecurity architecture.	5 for a complete coherent site-adaptable conceptual design and interface/security description; otherwise 0.	Block diagram, network/data-flow diagram and integration/security narrative.
C	Access to required hardware, software and implementation tools through ownership, lease, authorized reseller, supplier arrangement or documented purchase plan.	5 for verifiable access/availability covering the complete proposed solution; otherwise 0.	Datasheets, inventory, supplier quotation/commitment or licensing arrangement.
D	Demonstrated PoC preparation: test methodology for counting accuracy, ground truth, calibration, environmental variations and FBR observation.	5 for a complete documented PoC and calibration/test plan; otherwise 0.	Proposed PoC protocol and test/acceptance checklist. Past video-analytics deployments not required.

4. Deployment, Maintenance and Local Support Readiness (20 Marks)

Sr. No.	Particulars	Points System	Details
A	Fourteen-day deployment readiness following a manufacturer purchase order: resourcing, installation sequence, site survey and commissioning plan.	5 for a complete actionable 14-calendar-day deployment schedule with resource assignments; otherwise 0.	Deployment work plan, milestones, staff responsibility matrix and equipment lead-time evidence.
B	Local support reach in Pakistan, directly or through documented partners, including site attendance and escalation arrangements.	5 for a verifiable service/contact structure and credible support coverage; otherwise 0.	Service-office/partner locations, contact list, signed service undertakings or arrangements.
C	Maintenance, warranty and replacement readiness: spare equipment sourcing, issue logging, response and recovery procedures.	5 for a documented support plan addressing the specified warranty and service requirements; otherwise 0.	Service-level plan, spare-source details and escalation/incident workflow.
D	Training, documentation and continuous operational monitoring readiness for FBR and manufacturers.	5 for an implementation-ready training, manuals, monitoring, reporting and handover plan; otherwise 0.	Training matrix, sample reporting template, documentation and handover plan.

Total Marks: 70 | Minimum Qualifying Score: 49 marks (70%)

The Procurement Evaluation Committee shall forward all eligible, substantially responsive bidders securing at least 49/70 and certified as successful in the prescribed POC by the Technical Evaluation Committee to the competent statutory authorization process. At that final stage only, the Approval Committee shall undertake its authorization function in accordance with Chapter XIV-BA of the Sales Tax Rules, 2006; the Board shall issue each non-exclusive three-year authorization upon satisfaction of the prescribed security and formalities. The Approval Committee shall not reassess technical marks, control admission to the POC or replace the Technical Evaluation Committee's recorded POC verdict. There is no price-based ranking, lowest-price selection or maximum-number cut-off among technically qualified POC-passing bidders. Any applicable manufacturer-charge ceilings shall be regulated separately and shall not affect technical qualification.

SECTION VI

STANDARD FORMS

FORM 1: FORM OF BID

(To be submitted on Bidder's official letterhead)

Date: _____

Bid Reference: [as published on EPADS]

To:

Secretary (Procurement)

Federal Board of Revenue

Room No. 506, 5th Floor, FBR House

Constitution Avenue, G-5, Islamabad

Dear Sir/Madam,

Having examined the Bidding Documents and all published addenda, we offer to be considered for non-exclusive authorization to supply, install, commission, integrate and maintain the specified video analytics solution at textile manufacturers' premises. We acknowledge that the attached schedule of component and service prices is indicative, non-scoring and not a condition of selection or authorization; individual manufacturers shall separately contract and pay, subject to any lawfully notified maximum charges.

Optional indicative price for one representative spinning facility (including taxes), for disclosure only: PKR _____

Indicative prices are solely for transparency, planning and statutory manufacturer-charge oversight. The price or absence of an indicative figure shall not affect our technical marks, POC pass/fail outcome or eligibility for authorization. No prices offered constitute an FBR purchase undertaking, an automatic statutory price ceiling, or a basis for financial evaluation or ranking.

We undertake to COMPLETE supply, installation, calibration, FBR integration, site testing and commissioning within FOURTEEN (14) calendar days after receipt of each manufacturer purchase order, subject only to relief lawfully approved in writing for documented force majeure or unavoidable site-access conditions; and to complete the FBR-witnessed POC before issuance of vendor authorization.

We agree that this Bid shall remain valid for one hundred and twenty (120) calendar days from the bid-submission deadline or for any other period fixed by a duly published BDS addendum, and that validity of the bid-security instrument shall extend by the prescribed additional period.

Until the competent FBR authority issues the authorization instrument, the Bid and any preliminary communication shall create no direct purchase obligation on FBR. The Vendor shall become entitled to supply and maintain systems for manufacturers only upon completion of all statutory authorization conditions.

We hereby certify that:

- We are not blacklisted by any government entity in Pakistan or abroad.
- We are registered with NTN/STRN as per Pakistan tax laws.
- We have no conflict of interest as defined in ITB 3.7.

- We have read and accepted all terms and conditions of the Bidding Documents without material reservation.
- We confirm that core video analytics, local recording and system functioning are available at the site, and that any proposed cloud or off-site service shall be used only with FBR's express approval under the Bidding Documents.

Authorized Signature: _____

Name: _____

Designation: _____

Company Name: _____

Address: _____

NTN: _____ STRN: _____

Contact: _____ Email: _____

Date: _____ Stamp/Seal: _____

FORM 2: BID SECURITY FORM (BANK GUARANTEE)

[To be issued on Scheduled Bank letterhead]

Bank Guarantee No. _____ Date: _____

Beneficiary: Federal Board of Revenue (FBR), Government of Pakistan

We, _____ [name of Bank], having our registered office at _____, hereby irrevocably undertake to pay FBR an amount not exceeding PKR 1,000,000 upon first written demand identifying a lawful bid-security forfeiture event expressly stated below. No demand shall be made merely because a technically qualified bidder fails a bona fide POC demonstration.

- The Bidder withdraws its Bid during its agreed validity period other than on a permitted ground.
- A successful Bidder, after notification of intended award/authorization during bid validity, fails without lawful excuse to execute a required acceptance instrument in accordance with the published bidding requirements.
- A successful Bidder, after notification during bid validity, fails without lawful excuse to furnish the legally prescribed authorization bank guarantee within the applicable stipulated time.

This guarantee shall expire on _____ [28 days beyond bid validity expiry], and any demand for payment thereunder must be received at this office on or before that date.

Authorized Signature: _____

Name: _____

Designation: _____

Bank Name and Address: _____

Date: _____ Bank Stamp: _____

FORM 3: PRICE SCHEDULE

(See Annexure-D for the optional, non-scoring indicative price schedule)

Indicative component and service rates may be disclosed using Annexure-D for market intelligence and the separate regulation of maximum manufacturer charges under Chapter XIV-BA. Disclosure is optional and NON-SCORING; the price amount, completeness or omission shall not affect technical qualification, POC result or authorization. Any disclosed rates should identify taxes and recurring costs. FBR does not undertake to pay any listed amount.

FORM 4: TECHNICAL COMPLIANCE CHECKLIST

Bidders shall complete the following checklist and attach supporting documentation for each item. Incomplete checklists may result in bid rejection.

S.No	Technical Requirement	Bidder Response (Compliant/Non-Compliant)	Page Reference in Bid
1	Local video processing, recording and secured real-time FBR data transfer; proposed cloud components must be disclosed/approved		
2	Industrial cameras with approved site coverage, 1080p / 30fps indicative or equivalent		
3	Local CPU/GPU analytics server or performance-equivalent compute architecture		
4	99% production counting benchmark with architecture sizing evidence		
5	NVR / interoperable Video Management System and secure on-demand FBR live video		
6	99% operational counting benchmark; independent validation and F1 reporting plan		
7	FBR monitoring hub data integration and real-time transmission		
8	Role-based access and auditable configuration changes		
9	Encrypted transmission and protected site data		
10	More than two months of local video recording and approved archival strategy		
11	24-hour POC plan with 95% minimum passing grade, 99% Very Good grade		
12	Usable FBR monitoring and reporting interface		
13	Change approval, tamper-evident logs, unexpected stop alerts		
14	Three-year technical support with service escalation and spares in Pakistan		
15	Authorization validity and vendor-manufacturer responsibilities clearly acknowledged		

SUPPLEMENTARY STANDARD FORMS - PART OF SECTION VI

The following bidder and qualification forms supplement Forms 1-4 in this Section and shall be submitted through EPADS to the extent applicable. All mandatory entries shall be completed and substantiated. These forms are adapted to a non-exclusive, manufacturer-funded statutory authorization, not an FBR equipment-purchase contract. Indicative prices are not evaluated for authorization.

FORM 5: BIDDER INFORMATION FORM

Complete for each sole bidder or lead member of a consortium; submit legal registration evidence and beneficial ownership disclosure as applicable.

Procurement Ref: _____ Bidder: _____ Submission Date: _____

Field	Bidder response
Registered legal name	_____
Trading name (if different)	_____
Incorporation/legal status and year	_____
SECP/other registration number	_____
NTN and STRN (as applicable)	_____
ATL status and verification date	_____
Country of registration / principal office	_____
Full postal address	_____
Authorized representative, designation	_____
Telephone/email	_____
Beneficial owners / major shareholders	_____
Board of directors / controlling persons	_____
Parent / affiliate relationships relevant to conflicts	_____
EPADS vendor registration ID	_____

Attachments: constitutional/registration documents, latest ATL evidence, organization chart, beneficial ownership details, authority of signatory.

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 6: JOINT VENTURE / CONSORTIUM MEMBER INFORMATION

Separate entries for every member; maximum number of members shall be the maximum stated in the BDS (not more than three if the 2025 limit is retained).

Procurement Ref: _____ Bidder: _____ Submission Date: _____

Particular	Member 1 (lead)	Member 2	Member 3
Legal name	_____	_____	_____
Registration & NTN	_____	_____	_____
Registered office	_____	_____	_____
Proposed workshare / deliverables	_____	_____	_____
Key capability supplied	_____	_____	_____
Authorized signatory	_____	_____	_____
Joint and several liability acknowledged	_____	_____	_____

Attached: signed consortium/JV agreement; nomination and notarized PoA of lead member; confirmation all members are jointly and severally liable and each meets the applicable eligibility requirements.

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 7: QUALIFICATION AND CAPACITY INFORMATION

Use for verification of pass/fail eligibility and capacity. Technical marks must only be awarded using the revised Annexure-B matrix.

Procurement Ref: _____ Bidder: _____ Submission Date: _____

Particular	Details / annexed evidence
Years operating in IT/OT/ICT (video analytics experience optional)	
Head office, regional service centers and addresses	
Direct employees; technical/service engineers	
Available field teams for simultaneous mills	
Proposed analytics software and licensing/access model (not necessarily previously deployed)	
Local replacement hardware inventory	
Relevant standards and certifications	
Litigation / arbitration pending (material)	
Bank credit or financing arrangements (if relevant)	
Training, support and deployment partners	
Manufacturer or distributor authorizations (where relevant)	
Past contract termination / performance defaults	
Technical-support escalation contacts	

Document references: _____

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 8: FINANCIAL SITUATION AND PERFORMANCE (FIN)

Provide certified/audited financial statements for the latest three completed financial years. This form evidences financial eligibility only, not indicative quoted-price ranking.

Procurement Ref: _____ Bidder: _____ Submission Date: _____

Financial measure (PKR)	**FY1: ____**	**FY2: ____**	**FY3: ____**
Total assets	_____	_____	_____
Total liabilities	_____	_____	_____
Net assets/equity	_____	_____	_____
Current assets	_____	_____	_____
Current liabilities	_____	_____	_____
Annual sales / turnover	_____	_____	_____
Operating profit/(loss)	_____	_____	_____
Profit/(loss) after tax	_____	_____	_____
Net cash from operations	_____	_____	_____

Provide balance sheet, income statement and cash-flow statements and auditor reports where applicable. Where applicable to a JV, each member shall complete separately. Include an explanation for any qualification/adverse opinion.

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 9: AVERAGE ANNUAL TURNOVER (AAT)

Evidence of the revised-document minimum annual turnover: PKR 50 million for each of the three most recent financial years, subject to the JV aggregation method expressly established by the BDS.

Procurement Ref: _____ Bidder: _____ Submission Date: _____

Financial year	Turnover (PKR)	Evidence reference
Year 1: _____	_____	_____
Year 2: _____	_____	_____
Year 3: _____	_____	_____
Average of 3 years	_____	Calculated from above

Certification: All sales values are taken from submitted audited financials/tax returns (as applicable) and are verifiable. Separate JV-member returns are attached where applicable.

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 10: DETAILS OF SIMILAR PROJECTS AND CONTRACTS

Use one form per relevant IT, OT, ICT, CCTV, networking, industrial automation, software installation or integration project claimed under Annexure-B. Previous video-analytics or cotton-bale counting projects are not required. Attach objective delivery evidence. A bidder with no previous corporate projects may still qualify through the other scored criteria and the mandatory POC.

Procurement Ref: _____ Bidder: _____ Submission Date: _____

Field	Entry
Client name, sector and contact	_____
Project reference and contract date	_____
Purchase order/certificate reference	_____
Location and value (for evidence only)	_____
Scope: general IT/OT/CCTV/networking/automation or integration project	_____
Equipment, software and services delivered (any relevant ICT/OT activity)	_____
Operational handover, verified completion or accepted project milestone	_____
Whether video analytics was included (optional; not required for marks)	_____
Completion/acceptance date	_____
Applicant/JV member performing work	_____
Reference verification email/phone	_____

Provide the client purchase order/contract and either a completion certificate, accepted milestone, satisfactory performance certificate or another independently verifiable delivery record. A claim shall be scored only once within the general-project-experience category. Attach a separate, signed technical personnel and delivery capability statement addressing the evidence requirements under categories 3 and 4 of Annexure-B.

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 11: GENERAL COMPANY INFORMATION AND DECLARATIONS

Procurement Ref: _____ Bidder: _____ Submission Date: _____

Declaration	Yes / No / Particulars
Firm legally established and eligible to contract	_____
No debarment/blacklisting applicable to this bid	_____
No disqualifying conflict of interest	_____
Only one bid per bidder / no overlapping JV submissions	_____
No unauthorized prior involvement with drafting specifications	_____
No false or fabricated supporting document	_____
No bankruptcy/insolvency proceedings preventing performance	_____
All JV members jointly and severally responsible (if applicable)	_____
Tax and registration particulars verifiable	_____
FBR may verify experience and manufacturer authorizations	_____

We certify the entries are complete and accurate and acknowledge lawful verification and due process under the PPRA framework.

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 12: MANUFACTURER / PRINCIPAL EQUIPMENT AUTHORIZATION (WHEN APPLICABLE)

Use only where legally relevant to the proposed supply and warranties. Do not create an otherwise unnecessary product-brand restriction.

Procurement Ref: _____ Bidder: _____ Submission Date: _____

We, _____ [manufacturer/principal], having facilities at _____, hereby authorize _____ [bidder] to offer, supply, install, warrant and support the following equipment/software:

_____.

Model / family / quantity / support entitlement:

_____.

Warranty coverage, spares and escalation arrangements for Pakistan:

_____.

Validity of authorization: from _____ to _____. The letter does not override vendor responsibilities under the FBR authorization.

Manufacturer authorized signatory: _____ Seal: _____ Date: _____

FORM 13: SOFTWARE COMPONENTS, LICENSES AND INTELLECTUAL PROPERTY

Procurement Ref: _____ Bidder: _____ Submission Date: _____

Component / version	Vendor / origin	License & term	Ownership / FBR audit rights	Support / update entitlement
AI detection model	_____	_____	_____	_____
Inference/runtime engine	_____	_____	_____	_____
VMS and video recording	_____	_____	_____	_____
Database / reporting platform	_____	_____	_____	_____
Monitoring dashboard	_____	_____	_____	_____
FBR integration middleware	_____	_____	_____	_____
Operating system / device firmware	_____	_____	_____	_____
Other dependent licensed modules	_____	_____	_____	_____

The bidder shall disclose all recurring license dependencies, 3-year support rights, authorized updates, user limits, model-update process, data export formats and third-party licensing restrictions.

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 14: PROPOSED SUBCONTRACTORS AND SPECIALISTS

Procurement Ref: _____ Bidder: _____ Submission Date: _____

	Scope / deliverable	Legal entity & address	Registration and capability	Extent of work	FBR approval required
1.	_____	_____	_____	_____	Yes / No
2.	_____	_____	_____	_____	Yes / No
3.	_____	_____	_____	_____	Yes / No
4.	_____	_____	_____	_____	Yes / No

The statutory authorization itself is non-transferable; no subcontracting of authorization is permitted. Any ancillary specialists must be disclosed and engaged only where lawful and expressly approved under Chapter XIV-BA and the Authorization Agreement.

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 15: POWER OF ATTORNEY / SIGNING AUTHORITY

Must be duly executed and notarized where required by the BDS and laws applicable to the bidder.

Procurement Ref: _____ Bidder: _____ Submission Date: _____

We, _____ [legal bidder/JV members], hereby nominate and authorize _____ [full name, CNIC/passport, position] to sign and submit the bid, issue clarifications through EPADS, attend the witnessed POC, receive notices and, if duly authorized separately, sign the Authorization Agreement on our behalf. This power is valid until _____.

Executed at _____ on _____ under the company/JV resolution dated _____. Signatures of grantors: _____. Notary / attestation details: _____.

FORM 16: BID-SECURING DECLARATION - ALTERNATIVE ONLY

This template shall be used only if the published BDS expressly adopts a bid-securing declaration instead of bid security, consistent with Rule 36 of the Public Procurement Rules, 2026. Otherwise NOT APPLICABLE.

Procurement Ref: _____ Bidder: _____ Submission Date: _____

We acknowledge that withdrawal of a bid within validity, failure of a successful bidder to execute the authorization documents or provide prescribed security, or other lawfully specified breach may have consequences only as provided by the applicable procurement framework and published declaration. A good-faith unsuccessful POC is technical nonqualification and is not itself a sanction. We undertake to comply with all published terms and any lawful consequences as prescribed by the PPRA standard form.

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 17: COUNTRY OF ORIGIN AND ELIGIBILITY DECLARATION

Procurement Ref: _____ Bidder: _____ Submission Date: _____

Hardware / software / service	Country of manufacture/origin	OEM / supplier	Compliance / embargo declaration
Cameras and lenses	_____	_____	_____
NVR/storage	_____	_____	_____
Local computing unit	_____	_____	_____
Network and UPS	_____	_____	_____
AI/video analytics software	_____	_____	_____
Installation and maintenance services	_____	_____	_____

I certify that each declared origin is truthful and no component violates an applicable Government of Pakistan restriction as expressly notified in the BDS.

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 18: PROJECT IMPLEMENTATION AND DEPLOYMENT UNDERTAKING

Procurement Ref: _____ Bidder: _____ Submission Date: _____

We understand that EACH MANUFACTURER PURCHASE ORDER triggers the contractual fourteen (14) calendar day deployment period. We undertake to install, integrate, calibrate, test, commission and place the complete turnkey system in service within that period, subject only to relief expressly provided by the contract and law.

Milestone	Target elapsed time from purchase order	Responsible officer / evidence
PO receipt, site mobilization and survey	Day 0-2	_____
Installation diagrams/site readiness	Day 1-3	_____
Hardware installation and power	Day 3-8	_____
AI model configuration/calibration	Day 6-11	_____
FBR API and live-view verification	Day 9-12	_____
Commissioning, training and acceptance	By end of Day 14	_____

Contingency arrangements (power outage, site obstruction, spare stock):

_____

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 19: POC PARTICIPATION UNDERTAKING AND EVIDENCE INDEX

Procurement Ref: _____ Bidder: _____ Submission Date: _____

We agree to participate at the common FBR-designated facility and to the published 24-hour representative witnessed assessment, including 100-or-more bale samples, the original grade thresholds, integration, robustness, uptime and monitoring tests. We understand that 49/70 is the qualification threshold for an invitation to POC, not a substitute for successful POC completion.

Proof required	Bid reference / page	Submitted
Hardware/analytics architecture diagrams	_____	Yes / No
Camera, NVR, compute and network datasheets	_____	Yes / No
Proposed software technical/functional description (past deployments optional)	_____	Yes / No
Site installation drawings	_____	Yes / No
Proposed FBR API mapping	_____	Yes / No
Security / audit-trail design	_____	Yes / No
Model accuracy validation protocol	_____	Yes / No
Service levels and spare parts plan	_____	Yes / No
Undertaking to run POC with FBR observer	_____	Yes / No
Financial-capacity and all eligibility records	_____	Yes / No
General IT/OT/ICT project evidence (if claiming general-experience marks)	_____	Yes / No
Named technical staff CVs and availability commitments (20-mark category 3)	_____	Yes / No
Architecture, equipment access and PoC readiness evidence (20-mark category 3)	_____	Yes / No
14-day deployment plan and Pakistan service/support evidence (20-mark category 4)	_____	Yes / No
Warranty, spare parts, training and monitoring readiness (20-mark category 4)	_____	Yes / No

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

FORM 20: BID COMPLETENESS AND DOCUMENTARY EVIDENCE CHECKLIST

Procurement Ref: _____ Bidder: _____ Submission Date: _____

Required attachment	Yes / No / N.A.	EPADS file / page reference
Signed Letter of Bid / Bid Form	_____	_____
Bidder Information (Form 5)	_____	_____
JV Member Information (Form 6), if applicable	_____	_____
Qualification/Capacity Form 7	_____	_____
FIN and audited financial statements (Form 8)	_____	_____
AAT Turnover Form 9	_____	_____
Comparable Projects Form 10 and proof for all claimed projects	_____	_____
General Declarations Form 11	_____	_____
Manufacturer Authorization Form 12, if relevant	_____	_____
Software/IP Inventory Form 13	_____	_____
Subcontractor Form 14, if relevant	_____	_____
Power of Attorney Form 15	_____	_____
Bid Security Form 2 OR Form 16 when expressly applicable	_____	_____
Country-of-Origin Form 17	_____	_____
Project Plan Undertaking Form 18	_____	_____
POC Undertaking Form 19	_____	_____
Signed and cross-referenced technical compliance checklist (Form 4)	_____	_____
Indicative, optional NON-SCORING price disclosure (Annexure D)	_____	_____
Integrity Pact (Annexure E) where required	_____	_____
Formal deviations and clarifications schedule (or NIL)	_____	_____
Contact details for independent client verification	_____	_____

This checklist is administrative; no unstated financial price evaluation shall be imposed. A statutory mandatory requirement cannot be waived through this checklist.

Name of Bidder / Authorized Signatory: _____ Signature & Stamp: _____ Date: _____

PART-B: CONTRACT CONDITIONS & FORMS

SECTION VII

GENERAL CONDITIONS OF CONTRACT (GCC)

These General Conditions of Contract (GCC) shall apply to all contracts awarded under this procurement. The Special Conditions of Contract (SCC) in Section VIII shall supplement, amend, or override these GCC provisions where specifically stated. In the event of conflict, the SCC shall prevail.

PART 1 - GENERAL

GCC 1. Definitions

In these terms: FBR/Board means Federal Board of Revenue exercising regulatory and authorization functions; Vendor means an applicant authorized under Chapter XIV-BA; Manufacturer/Client means the spinning taxpayer that engages and pays the Vendor; Authorization means the non-transferable FBR approval to deploy compliant systems for three years; Site means a manufacturer's spinning facility; System means the complete video analytics, local computing, recording, integration, software and related services; POC means the required demonstration before authorization; Site Agreement means the separately agreed commercial arrangement between the authorized Vendor and Manufacturer. A manufacturer-funded Site Agreement does not make FBR a purchaser or debtor of the vendor.

GCC 2. Application and Interpretation

The Authorization Agreement, Letter of Authorization and associated forms govern the Vendor's undertakings to FBR, while prices and payments for individual deployments are governed by each Vendor-Manufacturer Site Agreement subject to lawfully prescribed charge ceilings. In the event of conflict, the applicable laws and notified rules, followed by the FBR authorization conditions, special conditions, published bidding requirements and accepted proposal, shall prevail.

GCC 3. Conditions Precedent to Contract Effectiveness

Authorization shall take effect only upon: (a) verification of eligibility and substantial technical responsiveness by the Procurement Evaluation Committee; (b) a Technical Evaluation Committee-certified score of at least 49/70 and successful witnessed POC; (c) completion of the Approval Committee's function solely in respect of statutory vendor authorization and issuance of authorization by the competent FBR authority; (d) furnishing the unconditional authorization bank guarantee required by Rule 150ZQZ of the Sales Tax Rules, 2006; and (e) execution of the prescribed authorization undertaking. The Approval Committee shall have no role in allowing or evaluating POC participation. No direct FBR purchase, advance or payment arises from authorization.

GCC 4. Governing Language

The Contract and all related documentation, notices, and communications shall be in English. If any document submitted by the Supplier is in another language, a certified English translation shall be provided. In the event of any discrepancy between the original and the translation, the English translation shall prevail.

GCC 5. Applicable Law

This Authorization and tender process is governed by Pakistani law, including Chapter XIV-BA of the Sales Tax Rules, 2006 and the public procurement rules applicable to the procurement when commenced, together with valid amendments and formal FBR notifications. The Public Procurement Rules, 2004 apply to proceedings initiated before commencement of the Public Procurement Rules, 2026 in accordance with Rule 68 of the latter.

GCC 6. Country of Origin

The origin of equipment and services shall satisfy the eligible-country conditions published in Section IV and any lawful federal restrictions. Nationality of a bidder and origin of individual goods shall be evaluated as distinct matters in accordance with the applicable procurement rules.

PART 2 — OBLIGATIONS OF THE PARTIES

GCC 7. Scope of Supply and Services

The Authorized Vendor shall provide turnkey deployment of video cameras, local storage/NVR, processing capacity, 99%-benchmark video analytics, secure FBR data integration, encrypted FBR live-view access,

documented installation, training and three-year service support, at the Manufacturer's site and under a Manufacturer-funded Site Agreement. FBR does not purchase or finance the equipment.

GCC 8. Supplier's Responsibilities

The Vendor shall supply equipment of the declared specification; perform approved site surveys, installation and calibration; meet the minimum technical and POC requirements; protect stored video and monitoring outputs; maintain 99% system uptime assessed daily (subject to defined exclusions approved by FBR); report serious outages and suspected tampering; obtain FBR approval for material enforcement-setting changes; provide warranties, spares, maintenance and trained personnel; and permit inspection by FBR. The Vendor shall commence site work within two weeks after the manufacturer's purchase order, subject to facility readiness, and complete installation to the site-specific agreed schedule.

GCC 9. FBR's Responsibilities

FBR shall, through the Procurement Evaluation Committee, examine legal eligibility and responsiveness, manage bid-opening and evaluation records, and communicate evaluation results; through the Technical Evaluation Committee, apply the published 70-mark matrix, arrange and witness the same POC for every bidder attaining 49/70, and certify technical and POC outcomes. The Procurement Evaluation Committee shall refer the certified list of successful bidders to the statutory authorization process. The Approval Committee shall act only in relation to vendor authorization and shall not approve POC admission, scoring or pass/fail results. FBR shall thereafter issue authorizations through the competent authority, provide monitoring interfaces, oversee security and performance, and facilitate lawful inspections. Individual manufacturing sites remain responsible for access, utilities, protection of equipment and agreed vendor charges.

GCC 10. Taxes and Duties

The Authorized Vendor shall comply with all applicable taxes and charges on supplies and services to Manufacturers. Any rates communicated to Manufacturers shall specify the treatment of applicable taxes. No such taxes or vendor charges shall be billed to FBR or its field formations under this Authorization Agreement.

GCC 11. Software License

Software licensing and access rights shall permit lawful use of the complete deployed system, FBR audit and monitoring access, and continuity of operations for the duration of authorization. Intellectual property remains with its lawful owner unless expressly and separately transferred. The Vendor shall provide FBR with audit logs, configuration records, interface documentation and lawful system access, and obtain prior written FBR clearance for enforcement-specific model or configuration changes. Proprietary source code shall not be deemed transferred by this Authorization unless an express and lawful written license or escrow arrangement is agreed.

GCC 12. Confidential Information

The Vendor shall not disclose tax-related counts, manufacturing records, videos, access credentials or FBR configuration data except to authorized persons or as required by law. Data access shall be role-controlled, logged, secured in transit and at rest, and subject to FBR audit and retention directions. The Manufacturer and Vendor shall implement site-level data protection controls consistent with applicable law and FBR-approved security requirements.

GCC 13. Project Plan

The Vendor shall submit within the period specified after authorization a national deployment and maintenance plan and, for each manufacturer purchase order, a site-level installation plan that includes architecture, locations, integration points, calibration, quality assurance, accuracy testing, worker safety, training, response arrangements and milestones. No site may go live for regulatory monitoring until the applicable FBR acceptance requirements are satisfied.

PART 3 — DELIVERY, INSTALLATION AND ACCEPTANCE

GCC 14. Procurement and Delivery of Hardware

The vendor shall source new, warranted, fit-for-purpose equipment, keep adequate spare parts in Pakistan and provide manufacturer documentation and traceability for major components upon reasonable request. Equipment brands and illustrative configurations are not exclusive provided equivalence is demonstrated.

GCC 15. Transportation and Handling

The Vendor and Manufacturer shall arrange at their agreed cost all shipment, handling, import, taxes and on-site delivery requirements. Title, risk and insurance of site equipment shall follow the Site Agreement. No transport or import expense is payable by FBR under the authorization.

GCC 16. Documents

The vendor shall submit high- and low-level diagrams, equipment and license inventories, network/cable schedules, installation drawings, camera coverage maps, API specifications, warranty evidence, training materials, model accuracy records, POC report and a site handover register. These documents shall be updated on material change and available for regulatory audit.

GCC 17. Product Upgrades and Updates

The Vendor shall provide routine updates, patches and repairs as covered by the Site Agreement and approved maintenance plan. Any modification of FBR enforcement-related thresholds, alert logic, model tuning or central integration shall require prior written FBR approval and a documented rollback plan.

GCC 18. Inspection and Testing

FBR or authorized representatives may inspect hardware, observe a POC, test counting accuracy, review logs, check remote video access, verify connectivity and inspect operational records in accordance with law. Failures affecting the 99% operational benchmark or other mandatory outcomes shall be recorded and remedied within a reasonable prescribed time, with repeat assessment where lawful.

GCC 19. Installation

The Vendor shall install at the camera coverage positions determined by an approved site survey, with industrial-grade fixtures, secure labelling, electrical protection, local video recording and network security. The Manufacturer shall provide safe access and operating conditions. Deployments shall not unnecessarily disrupt spinning operations.

GCC 20. Commissioning and Testing

Upon installation the Vendor and Manufacturer, in the presence of FBR representatives when designated, shall conduct operational acceptance tests of counting accuracy against manually verified ground truth, 99% daily uptime readiness, on-demand secure live video, data transmission, camera coverage, handling variation, security, alarms and recovery. The report shall record objective pass/fail evidence and corrective actions.

GCC 21. Proof of Concept (POC)

All applicants achieving at least 49/70 on the revised technical evaluation shall conduct an FBR-witnessed POC before authorization, using the full hardware/software solution at a nominated spinning unit. The original POC grading applies: 99% or above Very Good; 95% to below 99% Good; below 95% unacceptable. The test shall include twenty-four continuous hours, real counts, live access, line vibration, lighting variations, human interference, different bale sizes and FBR integration. Failure may result in rejection of authorization but not forfeiture of bid security solely on the ground of unsuccessful technical performance.

GCC 22. Operational Acceptance Tests (OAT)

Each Manufacturer installation shall be subjected to a site operational acceptance procedure jointly recorded by the Vendor and Manufacturer and witnessed or audited by FBR as applicable. Acceptance confirms regulatory readiness; any amount payable is owed only under the Site Agreement by the Manufacturer. No FBR payment milestone arises on site acceptance.

GCC 23. Operational Acceptance

An operational site is accepted for regulatory monitoring once its installation, live transmission, approved coverage, counting tests and required documentation have been verified. Site acceptance does not substitute for FBR vendor authorization; nor does it establish a fee payable by FBR.

GCC 24. Partial Acceptance

FBR may record operational acceptance of individual sites separately. An issue at one site shall not imply that FBR has purchased or become liable for another site. Corrective actions, suspension and restoration shall be governed by applicable law and the authorization conditions.

PART 4 — WARRANTIES AND LIABILITIES

GCC 25. Warranty and Defects Liability Period

Each installed system shall have the hardware/software warranty and three-year support provisions agreed under the Site Agreement and submitted in the vendor's maintenance plan. The Vendor shall correct material defects promptly and report unresolved outages. Any agreed service-credit or price adjustment is enforceable between the Manufacturer and Vendor, without imposing direct payment liability on FBR.

GCC 26. Intellectual Property Rights and Indemnity

The Supplier shall indemnify, defend, and hold harmless FBR and its officers, employees, and agents from and against any and all claims, losses, damages, costs (including legal fees), arising from or in connection with any allegation or claim that the use of the System or any component thereof infringes any patent, copyright, trademark, trade secret, or other intellectual property right of any third party. In the event of such a claim, the Supplier shall, at FBR's election: (a) procure the right to continue using the infringing item; (b) replace the infringing item with a non-infringing equivalent of equivalent functionality; or (c) modify the infringing item to make it non-infringing.

GCC 27. Insurance

The Vendor shall maintain appropriate third-party liability, workers' safety and equipment insurance commensurate with its site activities and agreed under its Manufacturer contracts. FBR shall not be designated the owner or insurer of manufacturer-financed hardware solely by virtue of regulatory authorization.

GCC 28. Limitation of Liability

Nothing in this authorization shall exclude liabilities that cannot lawfully be excluded, including deliberate interference with production monitoring, fraud, breach of confidentiality or infringement of third-party intellectual property. Liability for commercial equipment and service payments shall be allocated under the Site Agreement; regulatory penalties and authorization remedies remain subject to applicable law.

PART 5 — CHANGE ORDERS AND CONTRACT AMENDMENTS

GCC 29. Related Services

The manufacturer and authorized vendor may agree on additional cameras, factory coverage, maintenance or upgrades within the technical requirements and any notified charging ceiling. Changes to FBR data interfaces or regulatory functionality shall require FBR's written technical approval. FBR shall not incur a purchase obligation by approving a change.

GCC 30. Change Orders

Material revisions to system architecture, coverage, cloud-related controls, detection rules, thresholds, or FBR integration shall require prior written approval of FBR. Related manufacturer-vendor commercial changes shall be agreed by those parties and comply with all notified ceilings and tender restrictions. No FBR contract-price adjustment is created by such changes.

GCC 31. Contract Amendments

Amendments to the Authorization Agreement must be in writing and executed or authorized by the competent FBR authority; any amendment affecting bidder competition, qualification or evaluation shall follow the applicable PPRA publication and equality requirements. Site-level commercial variations shall be separately signed by the Manufacturer and Vendor.

PART 6 — TERMINATION AND DISPUTE RESOLUTION

GCC 32. Delays and Liquidated Damages

Where the Vendor misses a manufacturer-site delivery or service milestone, remedies under the Site Agreement may include documented service credits or contractual damages agreed with that Manufacturer, subject to law. FBR may issue directions, require remediation or take authorization action for persistent material failure under the Sales Tax Rules and due process. No damages shall be deducted by FBR from a non-existent FBR payment.

GCC 33. Force Majeure

Neither party shall be liable for delay or failure to perform its obligations if and to the extent that such failure or delay is caused by an event of Force Majeure, being an exceptional event or circumstance: (a) beyond the party's control; (b) which such party could not reasonably have provided against before entering into the Contract; (c) which, having arisen, such party could not reasonably have avoided or overcome; and (d) which is not substantially attributable to the other party. Force Majeure includes natural disasters, war, civil disturbance, and government-imposed sanctions, but excludes unfavorable economic conditions, equipment failure, or financial difficulty. A party claiming Force Majeure shall notify the other within seven (07) days of the onset of the event.

GCC 34. Termination for Default

FBR may suspend or revoke authorization for fraud, repeated material non-compliance, security breaches, willful tampering, loss of eligibility or failure to remedy documented breaches, subject to notice, opportunity to respond and applicable law. A manufacturer may exercise commercial rights under its separate Site Agreement. FBR shall not be liable for replacement system costs solely because it withdraws regulatory authorization.

GCC 35. Termination for Force Majeure

Where qualifying force majeure prevents compliant operation, the Vendor shall notify FBR and the Manufacturer and take reasonable mitigation steps. Any suspension or termination of the vendor's authorization shall follow the statutory requirements. Payment for accepted work, if any, is solely under the Manufacturer-Vendor Site Agreement.

GCC 36. Termination for Insolvency

A legally established insolvency event may justify suspension or withdrawal of vendor authorization and replacement arrangements at affected sites, subject to statutory procedure and manufacturer rights. The statutory authorization guarantee remains governed by the Sales Tax Rules and authorization terms.

GCC 37. Termination for Convenience

FBR may terminate or withdraw authorization only in accordance with applicable law and the grounds and procedures stated in the Authorization Agreement. FBR shall not owe the Vendor for installed equipment, unearned profits or demobilization where the Manufacturer is the purchaser. Financial settlement between the Vendor and Manufacturer remains subject to the Site Agreement and law.

GCC 38. Dispute Resolution

Disputes concerning the interpretation or performance of this Authorization Agreement shall first be notified in writing to FBR for amicable resolution. If unresolved, the parties may seek dispute resolution or arbitration under Pakistani law to the extent permitted. Procurement-stage bidder grievances shall exclusively follow the applicable PPRA grievance mechanism, not this contractual clause. Manufacturer-vendor payment disputes shall be resolved under their Site Agreement.

GCC 39. Procedure for Disputes Resolution

Pending resolution of an authorization dispute, continued system operation and secure production monitoring shall be preserved so far as reasonably possible and lawfully directed. No interim FBR payment obligation arises under this clause. Arbitration and court enforcement shall be governed by the applicable Pakistani law and the agreed dispute resolution provision.

GCC 40. Assignment and Sub-contracts

Regulatory vendor authorization is personal to the approved entity and non-transferable; a subcontractor may not use another vendor's FBR authorization. Subcontracting of installation support or specialist services requires prior written approval where prescribed and does not release the authorized Vendor from responsibility for compliance, accuracy, FBR integration or maintenance.

GCC 41. Notices

All notices, requests, consents, approvals, and other communications required or permitted to be given under this Contract shall be in writing and delivered by hand, registered mail, courier, or email (with read receipt) to the addresses specified in the SCC. Notices shall be effective on the date of delivery, or if sent by email, on the next business day after transmission.

SECTION VIII

SPECIAL CONDITIONS OF CONTRACT (SCC)

The following Special Conditions of Contract (SCC) supplement, amend, or replace the corresponding provisions of the General Conditions of Contract (GCC). In case of conflict, the SCC shall take precedence.

SCC Clause	Amendment / Addition
Authorization and Charges	This is non-exclusive regulatory authorization of additional vendors, not an FBR purchase contract. Each eligible, responsive bidder scoring at least 49/70 and passing the POC as certified by the Technical Evaluation Committee shall be referred by the Procurement Evaluation Committee for statutory authorization irrespective of indicative prices. The Approval Committee has no role before this final authorization stage. Manufacturer-vendor charges are privately agreed, subject to maximum charges lawfully notified under the Sales Tax Rules. FBR/field formations shall pay no fee.
Revenue Model	Manufacturers pay vendors directly under Rule 150ZQZD for equipment, installation, maintenance and related services. Indicative prices are non-scoring and do not affect technical qualification or POC participation. Any statutory regulation or publication of maximum manufacturer charges is a separate matter under the Sales Tax Rules and shall not interfere with Procurement Evaluation Committee or Technical Evaluation Committee functions or with the Approval Committee's authorization-only role. FBR shall not make per-site vendor payments.
Delivery and Installation	A manufacturer purchase order triggers a FOURTEEN (14) calendar day contractual period to complete installation, integration, calibration, testing and commissioning at that facility. This shortened period is a binding service standard and shall not be read as the statutory 90-day maximum permitted under Rule 150ZQZA(4). Extension requires documented site-access/force-majeure justification and FBR concurrence, without overriding applicable law.
Proof of Concept (POC)	Every eligible bidder attaining at least 49/70 under the Technical Evaluation Committee's published scoring must be invited to an equal-opportunity FBR-witnessed POC by the Procurement Evaluation Committee. No Approval Committee permission, endorsement, prequalification or shortlisting is required. The Technical Evaluation Committee shall assess and certify Annexure-C pass/fail. Every POC-passing bidder is forwarded for authorization; a bona fide failure causes technical non-qualification without automatic bid-security forfeiture. The original 99% design target and 99%/95% POC grade definitions remain unchanged.
On-Premise Requirement	The system shall perform core video capture, analytics and recording locally and securely transmit count data to FBR. Secure on-demand live streaming shall be available to authorized FBR officials. Ancillary off-site/cloud services may be used only after express FBR written approval of security and data governance arrangements.
Liquidated Damages	Manufacturer-vendor delay and service remedies shall be recorded in the Site Agreement. FBR regulatory remedies for material non-compliance shall follow applicable law and due process; no liquidated damages shall be deducted by FBR from amounts it does not owe.
Performance Guarantee	Before issuance of the three-year Board authorization, a successful applicant shall deposit an unconditional authorization bank guarantee in the amount and form prescribed by Rule 150ZQZ(8)-(9), currently stated in this document as 5% of project cost or PKR 5 million, whichever is lower, valid for the authorization period. This is distinct from bid security under PPRA Rule 36. The guarantee is an authorization-stage formality only and is not a condition for admission to technical evaluation or POC. There is no automatic 10% FBR purchase-price guarantee.
System Uptime SLA	The system shall meet the original 99% daily availability benchmark, with approved measurement methods, maintenance windows and service escalation. Performance logs shall be available to FBR. Commercial credits for service shortfalls apply between Vendor and Manufacturer as agreed.
Warranty	Warranty, maintenance and software support shall cover at least the three-year authorization term. Details of repair, replacements and charges shall be transparent in the Site Agreement and technical support plan, without imposing charges on FBR.
FBR Access Rights	FBR officers shall receive authorized secure remote access to selected live feeds, system health, production-count outputs, audit trails and relevant configurations, and may undertake lawful verification and compliance inspections.
Data Ownership	Regulatory production data and access shall be managed in compliance with the Sales Tax Rules and FBR instructions. No vendor may monetize, alter or disclose FBR monitoring data without authorization. Ownership of manufacturer-financed hardware shall follow the Site Agreement.

Conflict of Interest	Any conflict of interest prejudicing independent FBR monitoring is prohibited, but the authorized Vendor's disclosed commercial relationship with Manufacturer for supplying the system is the intended arrangement and is not itself disqualifying.
Subcontracting	Vendor approval is non-transferable and may not be used by a subcontractor. Subcontracting of incidental installation/maintenance support may be permitted subject to any required FBR prior approval; full responsibility remains with the authorized Vendor.
Governing Law	These second-round procurement proceedings are governed by the Public Procurement Regulatory Authority Ordinance, 2002 and Public Procurement Rules, 2026, because they were initiated on or after 28 September 2026. Chapter XIV-BA, Sales Tax Rules 2006, separately governs statutory vendor authorization, security, fees and performance. The 2025 authorizations are not amended by this procurement.
Dispute Resolution	Procurement grievances shall be handled by the GRC and appellate mechanism prescribed by the applicable PPRA rules. Post-authorization regulatory disputes and Manufacturer-Vendor contractual disputes shall follow their respective legal/contractual remedies.
Termination for Convenience	FBR may suspend or revoke regulatory authorization only on lawful grounds with required procedure; no FBR purchase-price, accepted-work or demobilization payment obligation arises from withdrawal of authorization.

SECTION IX

CONTRACT FORMS

FORM 1: FORM OF CONTRACT (AGREEMENT)

THIS CONTRACT AGREEMENT is entered into on this ____ day of _____, 20___, between:

(1) The Federal Board of Revenue (FBR), Revenue Division, Government of Pakistan, having its office at FBR House, Constitution Avenue, Islamabad, acting in its authorization and regulatory capacity (hereinafter "FBR"); AND

(2) _____ [Name of Approved Vendor], lawfully registered and duly represented by its authorized signatory (hereinafter "Authorized Vendor").

WHEREAS the Authorized Vendor has satisfied the published eligibility and substantial-responsiveness requirements, achieved at least 49/70 under the revised technical scoring matrix, successfully completed the FBR-designated POC and fulfilled the statutory authorization conditions, the Board grants a non-exclusive three-year authorization to install and maintain approved monitoring systems at textile manufacturers' premises. No indicative-price ranking or financial-evaluation criterion is a prerequisite to this authorization. All manufacturer payments are matters between the manufacturer and vendor, subject to the applicable statutory limits.

NOW IT IS HEREBY AGREED AS FOLLOWS:

- The Authorization Agreement comprises, subject to applicable law: (i) this Agreement; (ii) Letter of Authorization; (iii) Special Conditions; (iv) General Conditions; (v) published bidding documents and addenda; (vi) the accepted technical offer and recorded non-scoring indicative component/service prices; and (vii) such documents as the competent FBR authority expressly incorporates. The recorded indicative prices do not determine, limit or rank authorization. A separate Manufacturer-Vendor Site Agreement governs each factory's payments, subject to lawfully notified maximum charges.
- The Authorized Vendor undertakes to implement and maintain compliant monitoring systems at spinning facilities upon engagement by the relevant Manufacturer, to maintain required system accuracy and FBR monitoring access, and to comply with the statutory and technical conditions of its non-transferable authorization.
- Manufacturers shall directly pay Authorized Vendors under their respective Site Agreements, subject to maximum charges, if any, lawfully notified under Rule 150ZQZD. Indicative bid rates shall not automatically constitute statutory ceilings and shall not affect technical evaluation, POC admission, POC grading or vendor authorization. FBR or its field formations shall not be invoiced for installation or maintenance charges.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed in accordance with the laws of Pakistan on the day, month and year indicated above.

For and on behalf of FBR	For and on behalf of the Supplier
Signature: _____	Signature: _____
Name: _____	Name: _____
Designation: _____	Designation: _____
Date: _____	Date: _____
Witness: _____	Witness: _____

FORM 2: PERFORMANCE GUARANTEE

[To be issued on Scheduled Bank letterhead]

Performance Guarantee No.: _____ Date: _____

Beneficiary: Federal Board of Revenue (FBR), Government of Pakistan

We, _____ [scheduled bank], irrevocably undertake, upon the first duly documented written demand of FBR specifying a violation of the applicable authorization conditions, to pay an amount not exceeding PKR _____ being five percent of the project cost or PKR five million, whichever is lower, as prescribed by Rule 150ZQZ(8) of the Sales Tax Rules, 2006 (subject to any later lawful amendment). This guarantee is furnished for the purposes of the statutory vendor authorization and is enforceable in accordance with Rule 150ZQZ(9).

This unconditional guarantee shall remain valid for the entire period of the FBR authorization in accordance with Rule 150ZQZ(9), unless a subsequent lawful amendment requires another term. Expiry date: _____.

Authorized Signature: _____

Name: _____

Bank Name and Address: _____

Date: _____ Bank Stamp: _____

ANNEXURES

ANNEXURE-A

SCHEDULE OF REQUIREMENTS — COTTON BALES VIDEO ANALYTICS SYSTEM

This Annexure is an indicative component, quantity and non-scoring price checklist for a representative spinning unit. Vendors may disclose unit rates and equivalent architecture substitutions for transparency and market information. Such information shall not be scored, compared or ranked and shall not determine technical qualification, POC invitations, POC pass/fail outcomes, or vendor authorization. Any lawfully established maximum manufacturer charges are separate from the Procurement Evaluation Committee's and Technical Evaluation Committee's evaluation functions and from the Approval Committee's authorization function. No quantity or price entered here amounts to an FBR purchase order.

S.No	Item Description	Technical Specification Reference	Unit	Indicative Qty	Unit Price (PKR)	Notes
1	Industrial IP Camera or Equivalent - original indicative 1080p / 30fps	Section V, C.1	Each	4		Quantity may vary per site survey
2	Local Server/GPU or fully equivalent integrated analytics system	Section V, C.2	Each	1		Equivalent performance may be demonstrated; fixed server GPU hardware does not apply to self-contained AI cameras
3	Industrial Ethernet Switch	Section V, C.3	Each	1		
4	Online UPS or Equivalent (2-hour backup)	Section V, C.2	Each	1		
5	Cabling, Conduit, Installation Materials	Section V, C.3	Lot	1		Lump sum per facility
6	Camera Mounting Brackets (ruggedized)	Section V, C.1	Set	1		One set per camera installation
7	Computer Vision Analytics Software	Section V, C.4	License/Yr	3		Annual fee × 3 years OR perpetual
8	NVR / Video Recording & Management	Section V, C.5	License	1		Perpetual license preferred
9	Analytics Dashboard Software	Section V, C.6	License	1		
10	FBR Monitoring Hub Integration and secure live view	Section V, B.3	License	1		
11	Installation, Configuration & Commissioning	Section V, B.1	Lump Sum	1		
12	POC demonstration (bidder responsibility)	Section V, B.2	Lump Sum	1		Included in contract; no additional charge
13	Training for FBR/manufacturer staff	Section VIII, SCC	Lump Sum	1		
14	AMC Year 1 (hardware, software, support)	Section VIII, SCC	Year	1		
15	AMC Year 2	Section VIII, SCC	Year	1		
16	AMC Year 3	Section VIII, SCC	Year	1		
	TOTAL PER FACILITY (PKR)					

Notes: (1) Actual equipment numbers depend on a manufacturer-site survey approved for monitoring purposes. (2) The Manufacturer selects and pays its authorized Vendor. (3) FBR reviews price transparency and compliance with any approved cap but does not contract to buy a fixed quantity. (4) Software subscriptions shall disclose costs throughout the three-year term. (5) Taxes and other recurring charges shall be itemized clearly.

ANNEXURE-B

TECHNICAL EVALUATION CRITERIA

Bidders must achieve at least 49 out of 70 technical marks (70%) under the objective matrix below, in addition to the separately published eligibility and substantial-responsiveness conditions. Previous video-analytics projects and cotton-bale counting experience are not prerequisites. Equivalent experience in general IT, OT, CCTV, networking, digital systems or industrial automation is accepted for the experience component. Technical team, integration and implementation readiness are assessed independently of prior specialist contracts. Every technically qualified bidder must pass the uniform mandatory POC before authorization.

Every eligible and substantially responsive bidder securing at least 49/70 (70%) in the revised matrix shall be invited by the Procurement Evaluation Committee to the FBR-designated POC on the basis of the Technical Evaluation Committee's certified scores, without Approval Committee approval or any additional selection gate. The Technical Evaluation Committee shall witness and objectively grade the POC using Annexure-C. The Procurement Evaluation Committee shall forward all POC-passing cases for statutory authorization. The Approval Committee acts only at that subsequent authorization stage; the Board may issue separate non-exclusive authorizations subject to statutory security and execution formalities. Indicative prices are excluded from scoring, POC results and authorization selection.

1. Technical Proposal Presentation (10 Marks)

S.No	Particulars	Mark (1 or 0)	Marks for Weightage
	Video Analytics System		
A	Industrial and standard Power Source Supply or Equivalent		Mandatory
B	Industrial and standard switch or Equivalent		Mandatory
C	Industrial and standard electrical cabinet or Equivalent		Mandatory
D	Proper cable management with identification tags reflected in the documentation		Mandatory
E	Available space for modification and expansion		Mandatory
F	Industry level cables and connectors or Equivalent		Mandatory
G	Accessibility for procurement in Pakistan		Mandatory
H	UPS (Uninterruptable power supply)		Mandatory
I	Robust and industry-level hardware connectors		Mandatory
J	Accessibility of hardware for procurement in Pakistan		Mandatory
	IT Expertise		
A	System is scalable		Mandatory
B	Integration with other software/systems (e.g., databases, web-based application, systems)		Mandatory
C	Built-in cyber security measures to prevent data tampering (e.g., local server, data transmission etc.)		Mandatory
D	User friendly interface		Mandatory
	Scoring: All items compliant = 10 marks | Minor gaps (1-2 items) = 5 marks | Major gaps (3 or more items) = 0 marks		10

2. General Experience in IT, OT, Networking or Automation Projects (20 Marks)

Sr. No.	Particulars	Points System	Details
A	Completed general IT/OT/ICT, networking, CCTV, electronic surveillance, automation, digital infrastructure, software implementation or systems-integration assignments (any industry); specialized video analytics NOT required.	3 or more independently verified assignments = 20 marks 2 assignments = 15 marks 1 assignment = 10 marks No assignment = 0 marks	Evidence: bidder/JV-member contracts or purchase orders plus completion, accepted milestone or satisfactory-performance evidence identifying scope and delivery. Count distinct delivered assignments; do not require video-analytics reference letters. A zero in this category does not alone disqualify the bidder.

3. Technical Team, Integration and Solution Readiness (20 Marks)

Sr. No.	Particulars	Points System	Details
A	Named technical personnel: at least two identified competent IT/network/automation/vision-system professionals available for this assignment (employees or contractually committed).	5 for two named personnel with CVs and availability undertaking; otherwise 0.	Signed CVs or profiles, employment/engagement letters or commitment undertakings.
B	Design and integration capability: camera/edge-compute topology, connectivity, secure FBR API and cybersecurity architecture.	5 for a complete coherent site-adaptable conceptual design and interface/security description; otherwise 0.	Block diagram, network/data-flow diagram and integration/security narrative.
C	Access to required hardware, software and implementation tools through ownership, lease, authorized reseller, supplier arrangement or documented purchase plan.	5 for verifiable access/availability covering the complete proposed solution; otherwise 0.	Datasheets, inventory, supplier quotation/commitment or licensing arrangement.
D	Demonstrated PoC preparation: test methodology for counting accuracy, ground truth, calibration, environmental variations and FBR observation.	5 for a complete documented PoC and calibration/test plan; otherwise 0.	Proposed PoC protocol and test/acceptance checklist. Past video-analytics deployments not required.

4. Deployment, Maintenance and Local Support Readiness (20 Marks)

Sr. No.	Particulars	Points System	Details
A	Fourteen-day deployment readiness following a manufacturer purchase order: resourcing, installation sequence, site survey and commissioning plan.	5 for a complete actionable 14-calendar-day deployment schedule with resource assignments; otherwise 0.	Deployment work plan, milestones, staff responsibility matrix and equipment lead-time evidence.
B	Local support reach in Pakistan, directly or through documented partners, including site attendance and escalation arrangements.	5 for a verifiable service/contact structure and credible support coverage; otherwise 0.	Service-office/partner locations, contact list, signed service undertakings or arrangements.
C	Maintenance, warranty and replacement readiness: spare equipment sourcing, issue logging, response and recovery procedures.	5 for a documented support plan addressing the specified warranty and service requirements; otherwise 0.	Service-level plan, spare-source details and escalation/incident workflow.
D	Training, documentation and continuous operational monitoring readiness for FBR and manufacturers.	5 for an implementation-ready training, manuals, monitoring, reporting and handover plan; otherwise 0.	Training matrix, sample reporting template, documentation and handover plan.

Total Marks: 70 | Minimum Qualifying Score: 49 marks (70%)

The Board may issue separate, non-exclusive three-year authorizations to every eligible, technically qualified bidder successfully passing the uniform POC and fulfilling statutory formalities. Previous video-analytics experience is neither a mandatory gateway nor an independent preference outside the published matrix. There is no ranking, quota or maximum number of authorizations based on indicative prices. Existing 2025 authorizations remain unaffected.

ANNEXURE-C

PROOF OF CONCEPT (POC) CRITERIA

1. Purpose

Every bidder scoring at least 49/70 shall undertake the published witnessed POC at a FBR-designated spinning unit before authorization. The POC uses an end-to-end system over 24 continuous hours and includes manual ground-truth counting of representative bales, local/imported bale variability, dust and lighting conditions, calibration stability, data transmission and authorized remote live-view access. POC grading follows the original 99% / 95% schedule. The Board shall document the outcome and provide due reasons for non-qualification.

The POC is a mandatory pre-authorization practical demonstration for every bidder attaining at least 49/70. It shall use a complete turnkey deployment at an FBR-selected spinning unit and run continuously for 24 hours. The POC shall assess real bale-count performance, robustness, monitoring, real-time transmission and secure on-demand live feeds. A rejected demonstration disqualifies the offer for authorization but shall not, by itself, trigger bid-security forfeiture.

2. System Capability Test

Requirement	Qualification Criteria Based on Test
PoC test in a factory for the turnkey solution (hardware + software) Perform PoC test on 100 cotton bales at one facility. Deployment of hardware and software to mimic final deployment of solution. Conduct PoC on end to end turnkey solution (i.e., complete hardware, software and other required components) for a continuous 24-hour period. Live feed monitoring validation must be included in the Proof-of-Concept (PoC) test, ensuring that FBR has on-demand access to real-time video feeds from deployed cameras at designated location.	99% and above = Very Good; 95% to below 99% = Good; below 95% = Not Acceptable. Continuous 24-hour turnkey POC with 100+ representative bales; secure FBR live access and real-time data transfer.

3. Robustness Test

Requirement	Qualification Criteria Based on Test
System does not get out of calibration with the following scenarios: • Tracking end-to-end movement of manually handled items (e.g., cotton bales), including manual manipulation • Normal vibration from the cotton bale line • Lighting environment variation in the cotton bale line • Interference in camera feed (e.g., labor, dust, etc.)	Yes or No (based on results of POC)

4. Test of All Shapes and Sizes of Cotton Bales

Requirement	Qualification Criteria Based on Test
Video Analytics System is able to detect all mandated cotton bale shapes and sizes (local and international) present at the POC facility	Yes or No (based on results of POC)

5. POC Acceptance Criteria

Test Parameter	Acceptance Threshold	Measurement Method
Cotton Bale Counting Accuracy	Original POC grading: 99% or above = Very Good; 95% to below 99% = Good; below 95% = Not Acceptable. 99% remains the operational/design benchmark.	Ground-truth manual count vs system count, with at least 100 bales in a 24-hour representative POC; separately record false/missed/duplicate counts and precision, recall, F1.
System Uptime During 24-Hour POC	99% availability over the continuous 24-hour POC, with time-stamped logs and exclusions recorded before testing.	Automated uptime log from VMS
Robustness	System must not lose calibration under manual handling, vibration, lighting variation, and camera interference scenarios	FBR observer-induced scenarios; Yes/No evaluation
All Bale Sizes and Shapes	System detects all mandated cotton bale shapes and sizes (local and international) present at the POC facility	FBR observer evaluation; Yes/No

Test Parameter	Acceptance Threshold	Measurement Method
Live Feed Monitoring	FBR shall be able to securely access selected real-time camera feeds on demand throughout the POC.	Live verification by FBR technical team
FBR CCU API Integration	Production counts and alerts transmitted to FBR in real time or within the approved interface specification; no manual uploading.	FBR monitoring hub log verification
Data Security	Authenticated encrypted transmission, controlled storage, access logs and FBR-approved treatment of any ancillary cloud service.	Network traffic inspection by FBR technical staff

FBR technical observers shall document the raw manual count, system-produced count, timestamped evidence, any missed or duplicate bales and every pass/fail result. Original grading is: >=99% Very Good; >=95% and <99% Good; <95% Not Acceptable. A bidder meeting the minimum POC passing grade remains obliged to meet the 99% design/operational accuracy benchmark at subsequent site acceptance and throughout deployment. Grounds of POC rejection shall be recorded and communicated as part of the evaluation process.

6. POC Observers

FBR shall appoint a minimum two-member technical team to observe, verify, and document the POC. The Vendor shall provide full access and cooperation. POC results shall be documented in a signed POC Report within five (5) working days of POC completion. The results of the evaluation, including detailed compliance and performance metrics, shall be submitted to FBR for review and approval before proceeding further in the contract execution process.

ANNEXURE-D

ANNEXURE-D: NON-SCORING INDICATIVE COMPONENT AND SERVICE PRICE SCHEDULE

This schedule is provided only for optional indicative disclosure, manufacturer information and FBR market intelligence. Indicative rates shall not be given scores, evaluated for responsiveness, compared among bidders, used to rank applicants, or considered when deciding authorization. Every eligible bidder with at least 49/70 and a successful POC qualifies for recommendation to statutory authorization irrespective of these prices. Manufacturers and vendors shall subsequently agree actual rates, subject to any independent maximum charges lawfully fixed and published under Rule 150ZQZD. FBR shall not buy, finance or guarantee the sale of equipment or services.

S.No	Description	Unit	Qty	Unit Price (PKR)	Total (PKR)
1	Industrial IP Cameras (per spec C.1)	Each	____	____	____
2	Local AI Server / Equivalent Edge Compute Arrangement	Each	____	____	____
3	Managed PoE+ Switch	Each	____	____	____
4	Online UPS or Equivalent (2-hour backup)	Each	____	____	____
5	Cabling, Conduit, and Materials	Lot	____	____	____
6	Camera Mounting Brackets	Set	____	____	____
7	Computer Vision Analytics Software - 3 Year Indicative Cost	License	____	____	____
8	VMS Software License (on-premise)	License	____	____	____
9	Visualization and Reporting Software	License	____	____	____
10	FBR Monitoring Hub API / Secure Live Feed	License	____	____	____
11	Installation and Commissioning	Lump Sum	1	____	____
12	Training (FBR Staff)	Lump Sum	1	____	____
13	AMC Year 1	Year	1	____	____
14	AMC Year 2	Year	1	____	____
15	AMC Year 3	Year	1	____	____
	TOTAL PER FACILITY (PKR)				____
	(GST/Sales Tax — if applicable, state rate: _____%)				____
	GRAND TOTAL PER FACILITY INCLUSIVE OF ALL TAXES (PKR)				____

Any indicative rates may separately identify taxes, hardware, software, connectivity, recurring services and maintenance, but completion of indicative price fields is not a precondition to technical qualification, POC participation or authorization. Actual charges under a manufacturer-vendor agreement shall comply with any maximum rates lawfully notified under the Sales Tax Rules. The financial relationship remains exclusively between the Manufacturer and Vendor.

Authorized Signature: _____ Date: _____

Company Name: _____ Stamp/Seal: _____

ANNEXURE-E

INTEGRITY PACT

INTEGRITY PACT

Procurement Reference: [as published on EPADS]

This Integrity Pact is executed between the Federal Board of Revenue, Revenue Division, Government of Pakistan, in its capacity as procuring/authorizing authority (hereinafter "FBR"), and _____ (hereinafter "Applicant/Vendor"). For the avoidance of doubt, use of the words Buyer or Supplier in any standard integrity-pact clause does not create an FBR payment obligation for manufacturer-funded installations.

1. Commitments of the Buyer

The Buyer commits itself to take all measures necessary to prevent corruption and to observe the following principles:

- No employee of the Buyer, personally or through family members, will in connection with the Bid for, or the execution of a Contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which the person is not legally entitled to.
- The Buyer will, during the Bid process, treat all Bidders with equity and reason.
- The Buyer will provide to all Bidders the same information and will not provide to any Bidder confidential or additional information through which the Bidder could obtain an advantage in relation to the Bid process or the Contract execution.
- The Buyer will exclude from the process all known prejudiced persons.

2. Commitments of the Bidder/Supplier

The Bidder/Supplier commits itself to take all measures necessary to prevent corruption. The Bidder/Supplier commits itself to:

- Not offer, give or agree to give to anyone working for or on behalf of the Buyer any material or immaterial advantage in connection with the Bid, with the Contract, or during its execution, other than allowed under the applicable laws and regulations of Pakistan.
- Not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of Bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- Not carry out any action aimed at influencing any employee of the Buyer in the Bid process or in Contract execution.
- Immediately inform the Buyer if it learns of any violation of the above commitments.

3. Sanctions

If the Bidder/Supplier, before award or during execution of the Contract, has committed a transgression through a violation of the above provisions, or has engaged in corrupt, fraudulent, collusive, or coercive practices, the Buyer shall be entitled to:

- Reject a materially non-responsive bid or commence blacklisting/debarment only under the applicable due-process provisions of the PPRA framework; no automatic future exclusion shall arise merely by this Pact.
- Enforce bid security or the statutory authorization bank guarantee only where the prescribed instrument, applicable law and proven grounds expressly permit enforcement; failure of a good-faith technical POC shall not itself cause forfeiture.
- Terminate the Contract for cause.
- Recover any losses or damages suffered by the Buyer.
- Report the matter to relevant law enforcement and anti-corruption authorities.

4. Duration

This Pact takes effect upon signature and, for each authorized vendor, survives until three (3) years following expiry, withdrawal or termination of the authorization, without reference to any payment by FBR; the retention of records and other lawful obligations shall survive as required under applicable law.

5. Other Provisions

This Pact is subject to Pakistani law. Place of performance and jurisdiction is Islamabad, Pakistan. Changes and supplements need to be made in writing. If the Bidder/Supplier is a partnership or a consortium, this Pact must be, and is, signed by all partners or consortium members.

For and on behalf of the Buyer (FBR)	For and on behalf of the Bidder/Supplier
Signature: _____	Signature: _____
Name: _____	Name: _____
Designation: _____	Designation: _____
Date: _____	Date: _____
Witness: _____	Witness: _____

ANNEXURE-F: MANDATORY PROJECT PLAN AND SITE DEPLOYMENT DOSSIER

Every bidder shall submit an implementation framework; the authorized vendor shall supply an approved site-specific version promptly after each manufacturer purchase order. The 14-calendar-day completion clock runs from each manufacturer purchase order and may not be deferred by late submission of the plan.

F.1 Equipment and System Architecture

High-level system architecture, low-level physical drawings, local/server/storage equipment schedule, line-wise camera coverage and data-flow diagram, together with non-scoring indicative manufacturer deployment costs.

F.2 Site Survey and Production Flow

Blendomat/auto-plucker position, bale loading/stacking areas, line count, coverage/camera positioning, light/dust/vibration evaluation, control points, accessible IT cabinets, power and backup arrangements.

F.3 Organization and Governance

Named project manager, implementation engineers, FBR integration owner, mill focal person, escalation hierarchy, change approval contacts and beneficiary access requirements.

F.4 14-Day Installation and Commissioning Schedule

Milestone plan from PO receipt, equipment deployment and calibration through secure FBR monitoring integration, 24-hour dry-run and formal site acceptance by Day 14; evidence of inventory in Pakistan.

F.5 Training and Knowledge Transfer

Training of manufacturer operations staff and designated FBR officials, system configuration controls, alerts, troubleshooting, audit log exports and reporting.

F.6 Operational Acceptance Plan

FBR-witnessed site test at commissioning, counting ground truth and false counts, uptime, security, live FBR access, transmission integrity, backup and restart tests.

F.7 Disaster Recovery and Business Continuity

RTO/RPO, incident notification chain, backups, verified restore, local video survival in WAN outage, failover, tamper resistance and post-incident forensic trail.

F.8 Warranty, Maintenance and Support

24/7 escalation, nominated Pakistan-based help desk, spares, warranty response, scheduled maintenance, device replacements, model updates and preventive review.

F.9 Accuracy and Model Governance

AI model training plan for new/old mills and both plucker types, precision/recall/F1 baseline, recalibration controls, FBR written approval for enforcement thresholds, model-version log.

F.10 Compliance, Security and Reporting

Approval of data-flow boundaries, encryption and authenticated access, cyber incident reporting, audit access, monthly uptime and accuracy reports, quarterly reviews.

Required milestone	Timing	Evidence / sign-off
Purchase order / mobilization	Day 0	PO and team contact
Site survey + camera mapping	Day 2	Site plan and photos
Hardware installation	Day 8	Asset list and cabling map
Model calibration and FBR integration	Day 12	Calibration + API/remote-view logs

Required milestone	Timing	Evidence / sign-off
Final commissioning and training	Day 14	Signed site test and handover record

ANNEXURE-G: SITE SURVEY AND INSTALLATION ACCEPTANCE FORM

Site particulars	Entry
Registered taxpayer/manufacturer	_____
Mill name, NTN/STRN, city and address	_____
Purchase order number and date	_____
Authorized vendor and reference	_____
Proposed day-14 commissioning deadline	_____
Number of plucker/blendomat units	_____
Number and locations of cameras	_____
Device/serial numbers and warranty identifiers	_____
Local storage duration and backup	_____
Power/UPS and LAN/WAN details	_____
FBR dashboard mapping and data connectivity	_____
Safety/access restrictions and dependencies	_____

G.1 Site readiness and access

Manufacturer shall provide lawful access and reasonable site readiness. Vendor must document blockers immediately; FBR shall be informed of material access or site-safety impediments. Nothing in this form automatically extends the fourteen-day contractual deployment period.

G.2 Commissioning test and sign-off

Test	Result (Pass/Fail)	Evidence reference
No camera blind spot at relevant counting zone	_____	_____
Counting accuracy >=99% at final operational acceptance	_____	_____
Count timestamps and events sent to FBR	_____	_____
Secure live-view access to FBR	_____	_____
Tamper and stoppage alerts work	_____	_____
Restart / WAN failure handling verified	_____	_____
NVR retention and export verified	_____	_____
Manufacturer and FBR training complete	_____	_____
As-built drawings and credentials handed over	_____	_____

Manufacturer representative: _____ FBR technical officer: _____ Vendor: _____

ANNEXURE-H: COMPLIANCE, TEST AND EVALUATION RECORD

Use the following record to ensure Rule 41 criteria are applied uniformly. Scoring must follow Annexure-B exactly and must not be varied by this recording sheet.

Gate	Test / outcome	Decision / evidence
1. Legal eligibility	Tax, registration, debarment, JV, financial-capacity evidence	Pass / Fail + reasons
2. Technical responsiveness	Specified product, security, accuracy and integration requirements	Pass / Fail + reasons
3. Revised technical scoring	Annexure-B: technical presentation 10; general IT/OT experience 20; technical team/integration readiness 20; deployment/support readiness 20	____ /70
4. Technical qualification	Score >=49/70	Pass / Fail
5. POC	Technical Evaluation Committee-certified POC result under Annexure-C	Pass / Fail
6. Procurement/technical conclusion	Procurement Evaluation Committee confirms eligibility and	Forward every successful bidder for authorization

Gate	Test / outcome	Decision / evidence
	score; Technical Evaluation Committee certifies POC; prices disregarded	
7. Authorization stage only	Approval Committee authorization function; formal issuance by Board	Authorized / Pending
8. Statutory bank guarantee	Rule 150ZQZ(8)-(9) unconditional guarantee	Verified / Pending

All disqualifying results must identify the published criterion, exact supporting evidence and reason; evaluation shall be disclosed through the relevant EPADS publication. A good-faith failed PoC does not independently trigger forfeiture of bid security.

ANNEXURE-I: MAINTENANCE, SUPPORT AND SECURITY SERVICE LEVELS

Service or control	Service standard / proof
System availability	At least 99% daily uptime in relevant operational hours, excluding pre-agreed maintenance windows and verified unrelated power/WAN losses.
24/7 incident reporting	Help desk, escalation officer and manufacturer/site contact reachable around the clock.
Critical event reporting	Automatic notice to FBR on camera/system outage, interference or suspected bypass.
Response and restoration	Vendor shall state and deliver FBR-approved critical and non-critical response/restoration times in site agreement; measured from ticket creation.
Data safeguards	Tamper-evident logs, local recording, credential control, secure FBR interface and controlled deletion/retention.
Spare availability	Spare cameras, recording/storage and power/network units available locally to meet site SLA.
Update controls	No unapproved detection threshold or model upgrade materially affecting enforcement. Every modification logged.
Reporting	Monthly availability/accuracy/incident summary and quarterly preventive maintenance review.
Warranty	Full repair and replacement liability under the manufacturer-vendor agreement; support through entire 3-year authorization period.

ANNEXURE-J: MODEL TRAINING AND ACCURACY VERIFICATION PROTOCOL

Carry forward the original 2025 technical Annexure-B training scenarios. The camera/video model shall be tested using footage from both modern and traditional mills and from Blendomat and Auto-plucker arrangements. Observers shall use independently counted ground truth and retain snapshots, time stamps and audit records.

Scenario	Required observation
Closely stacked and partially overlapping bales	Ground-truth count / system count / false positives / misses / evidence
Imported/local bales, different sizes and distorted edges	Ground-truth count / system count / false positives / misses / evidence
Multiple camera coverage of large regions of interest	Ground-truth count / system count / false positives / misses / evidence
Variable light, glare and low-light	Ground-truth count / system count / false positives / misses / evidence
Several bales loaded simultaneously	Ground-truth count / system count / false positives / misses / evidence
Moving workers, tools and unrelated background objects	Ground-truth count / system count / false positives / misses / evidence
Dust, heat, vibration and humidity	Ground-truth count / system count / false positives / misses / evidence
Camera obstruction and deliberate bypass	Ground-truth count / system count / false positives / misses / evidence
WAN outage, local storage and delayed FBR synchronization	Ground-truth count / system count / false positives / misses / evidence

Measurement: count accuracy = correct counted bales / actual ground-truth bales x 100. Also record precision, recall, F1 and duplicate counts. Original POC grading: >=99% = Very Good; >=95% and <99% = Good; <95% = Not Acceptable. The applicable Annexure-C mandatory functional pass criteria must also be met. The 99% operational design target remains binding for final site acceptance.

ANNEXURE-K: AUTHORIZATION LETTER / CERTIFICATE PROFORMA

Federal Board of Revenue - Chapter XIV-BA, Sales Tax Rules, 2006

Authorization Ref: _____ Date: _____ Bid Ref: _____

In exercise of the powers conferred by the Sales Tax Act, 1990 and Chapter XIV-BA of the Sales Tax Rules, 2006, following verification of eligibility and substantial responsiveness by the Procurement Evaluation Committee, certification by the Technical Evaluation Committee that the applicant secured at least 49/70 marks under Annexure-B and successfully passed the prescribed POC under Annexure-C, and completion of the Approval Committee's authorization-stage function, the Board hereby authorizes _____ [legal entity and registration] as a non-exclusive Authorized Vendor for installation and maintenance of notified cotton-bale video analytics production-monitoring systems at textile spinning facilities.

This authorization is valid for THREE (3) years beginning _____ and ending _____, unless lawfully suspended, cancelled or renewed. The vendor shall deploy systems within fourteen (14) calendar days of each manufacturer purchase order, meet specified technical and monitoring obligations, and charge manufacturers only, subject to any maximum charges lawfully notified under the Sales Tax Rules. No FBR purchase guarantee, exclusive territory, minimum order volume or equipment payment obligation is created.

Condition precedent: duly accepted unconditional bank guarantee under Rule 150ZQZ(8)-(9), equal to 5% of project cost or PKR 5,000,000, whichever is less, valid throughout the authorization period. The authorization is non-transferable and subject to continued compliance, enforcement inspection and the approved contract conditions.

Authorized Signatory for the Board: _____ Name/Designation: _____ Official Seal: _____

ANNEXURE-L: BIDDER DEVIATIONS, CLARIFICATIONS AND CONTRACT DISCLOSURE

The bidder shall submit a clearly marked deviation register. A material deviation from a mandatory technical, security, statutory or PoC requirement may result in non-responsiveness; no alternative evaluation criterion may be introduced at evaluation stage.

Requirement / clause	Compliant / deviation	Precise explanation and offered equivalent	Supporting document/page
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Any proposed equivalent hardware, software or deployment method shall describe the performance equivalence with objective evidence. No bidder shall gain additional marks based on indicative prices or commercial discounts.