

.TECHNICAL EVALUATION REPORT

(As Per Rule 35 of PP Rules, 2004)

- 1 Name of Procuring Agency Federal Board of Revenue (HQ)
- 2 Method of Procurement Single Stage Two Envelope
3. Title of Procurement Hiring of Firm to Build and Operate a Central Control Unit (CCU) for Digital Interventions
4. Tender Inquiry No. 2(5)/TDU/IR/2025
5. PPRA Ref. No. (TSE). TS605853E EPADS Ref. No. F250850128
6. Date & Time of Bid Closing 25th August, 2025 11:00 AM
7. Date & Time of Bid Opening 25th August, 2025 11:30 AM
8. No of Bids Received 02
9. Criteria for Bid Evaluation Technical Bid Evaluation Report Attached.
- 10 Details of Bid(s) Evaluation Technical Bid Evaluation Report Attached.

| Name of Bidder | Technical Marks (if applicable) | Rule/Regulation/SBD*/Policy/Basis of Rejection/Acceptance as per Rule 35 of PP Rules, 2004. |
|----------------------------|---------------------------------|---|
| M/s Premier System Pvt Ltd | 136 | Responsive |
| M/s Stellarsoft Pvt Ltd | 15 | Non-Responsive |

11. Any other additional/supporting information, the procuring agency may like to share.

Signature: _____

Official Stamp: _____


6/11/25
Farrukh Amir Sial
Secretary (Administration)
Federal Board of Revenue
Islamabad

(Remaining committee members signature placed at Annex-I)

**Standard Bidding Documents (SBD).*

2(5)/IR/TDU/2025

Hiring of Firm to Build and Operate a Central Control Unit (CCU) for Digital Interventions

| Designation | Role | Signatures |
|-----------------------------|--------------------|--|
| Member (Admin/ HR) | Chairman/ Convener |  |
| Member (Audit/CRM) | Member |  |
| Member (Customs Operations) | Member |  |
| Chief (Admin & Finance) | Member |  |

INVITATION TO BID

TECHNICAL BID(S) EVALUATION REPORT

| | |
|--|---|
| Invitation to Bid Reference No. | F.No. 2(5)/TDU/IR/2025 |
| Invitation to Bid Title | Hiring of Firm to build and operate Central Control Unit (CCU) for Digital Interventions |
| Invitation to Bid Issuance/ Publishing Date | 12 th July, 2025 |
| 1st Pre-Bid Meeting date | 21 st July, 2025 |
| 2nd Pre-Bid Meeting date | 28 th July, 2025 |
| Bid Submission date/time (Original) | 31 st July, 2025 |
| Corrigendum No. 1 dated 29th July, 2025 [Extension in Bid submission date) | 18 th August, 2025 |
| Corrigendum No. 2 dated 15th August, 2025 [Extension in Bid submission date) | 25 th August, 2025 at 11:30 a.m. |
| Publishing | National Press (two leading national daily newspapers – One English and One Urdu) Website(s): FBR |
| Procurement Method/ Process | Single Stage Two Envelope – Invitation to Bid – Open |
| Technical Bids Evaluation Report Signing Date | 3 rd November, 2025 |


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Secretary (Expenditure)
Federal Board of Revenue
Islamabad

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1. Background

- A. The Federal Board of Revenue (FBR) is undertaking a comprehensive digitalization initiative to enhance oversight, compliance monitoring, and enforcement capabilities within Pakistan. The CCU system will function as a centralized enforcement hub, enabling FBR to monitor manufacturing activities in real-time. It will serve as a live control room, aggregating production data, triggering alerts, and enabling structured analysis of data across multiple enforcement streams and from various data sources. The CCU will support video analytics, serialization data, and other digital interventions to ensure real-time visibility into taxpayer operations.

To achieve this, the vendor must:

- Procure, install, and deploy the required hardware and software to run the CCU system, ensuring end-to-end operationalization as per FBR's specifications.
- Design, develop, and implement CCU software (as required) based on FBR's enforcement workflows, ensuring seamless integration with monitoring and compliance systems.
- Retrieve and process data from FBR's designated data center where data will be securely stored. The vendor must ensure seamless retrieval, integration, and processing of data for analytics, monitoring, and dashboard rendering through the CCU system from the designated data center
- Run the day to day operations of CCU (with oversight from FBR) and ensure continued operation, maintenance, and support.
- Provide ongoing maintenance and support, ensuring that all components function optimally and adhere to performance benchmarks.
- Provide training and capacity-building for FBR personnel where necessary.

B. **Business Objectives of the FBR**

The Federal Board of Revenue (FBR) recognizes the critical role of technology in enhancing production monitoring, ensuring compliance, and improving data accuracy within Pakistan's manufacturing sector. The CCU project is a key enforcement initiative, providing real-time visibility into production, operational and compliance-related activities from digital interventions (non-exhaustive) by centralizing data collection, processing, and monitoring. The vendor will be responsible for:

1. Centralized Data Aggregation

o The CCU system must collect, process, and store production data from all FBR designated digital interventions and locations.

o The system must ensure near real-time transmission, enabling FBR to track, verify, and enforce tax compliance effectively. 98

2. System Infrastructure & Hardware Deployment o The vendor must install, maintain, and manage all necessary equipment. o The system should be modular and scalable, allowing future integration with additional industries and enforcement technologies.

3. Data Analytics & Compliance Monitoring

o The vendor must supply and implement a data analytics platform, enabling automated anomaly detection and predictive analytics (where required)

o The CCU must analyze real-time production data, flagging discrepancies

4. Testing & Performance Verification

o The vendor must verify that all hardware, software, and network components meet the operational and performance criteria before full-scale implementation.

5. Ongoing Maintenance & Support

o The vendor must ensure system uptime, provide troubleshooting, and implement timely software updates. o Dedicated technical support teams must be provided, responsible for system audits, maintenance, and optimization.

C. Acronyms Used in These Technical Requirements

| Acronym | Definition |
|---------|---|
| AI | Artificial Intelligence |
| API | Application Programming Interface |
| BYOD | Bring Your Own Device |
| CPU | Central Processing Unit |
| CMS | Content Management System |
| DBMS | Database Management System |
| DRAM | Dynamic Random-Access Memory |
| DNS | Domain Name System |
| DOS | Disk Operating System |
| FPGA | Field Programmable Gate Array |
| GPU | Graphics Processing Unit |
| HDD | Hard Disk Drive |
| IoT | Internet of Things |
| IP | Internet Protocol |
| IPS | Intrusion Prevention System |
| ISO | International Standards Organization |
| LAN | Local Area Network |
| ML | Machine Learning |
| NVR | Network Video Recorder 99 |
| OS | Operating System |
| PLC | Programmable Logic Controller |
| RAM | Random Access Memory |
| RDBMS | Relational Database Management System |
| SQL | Structured Query Language |
| SSD | Solid State Drive |
| TCP/IP | Transmission Control Protocol / Internet Protocol |
| UPS | Uninterruptible Power Supply |
| VLAN | Virtual Local Area Network |
| VPN | Virtual Private Network |
| WAN | Wide Area Network |

2. Business Functions and Performance Requirement

A. Business Requirements to Be Met by the Central Control Unit

The proposed Central Control Unit (CCU) system shall serve as the central platform for receiving, storing, and analyzing data from a range of digital interventions deployed across taxpayer locations. It shall support real-time monitoring, visualization, and compliance analysis by centralizing operational and enforcement-related information. The CCU must be capable of handling two categories of digital interventions: 1. Production Monitoring Interventions: These include newly deployed systems such as video analytics, scanners, and counters that directly monitor physical production activities. These interventions will require full integration—including real-time data ingestion, automated alerts, analytics, dashboards,

and video playback functionalities 2. Data-Only Integrations: This includes systems where structured data is already available through already up-and-running enforcement platforms (e.g., Track & Trace, E-Way Billing, or POS systems). For such interventions, the CCU will primarily be responsible for ingesting and visualizing the data, generating analytics, enabling reporting, and where needed setting up rule-based alerts to flag noncompliance, anomalies, or operational issues. The CCU system shall centrally store all incoming data, enable seamless integration of various sources, and ensure secure access for compliance tracking, reporting, and enforcement planning. The system shall include the following elements (Refer to Annexure-A for details):

1. Data Capture: The system will be designed to receive data captured by hardware and sensors installed at each taxpayer premise, focusing on compliance purposes.

2. Data Transmission: Data from local servers (where applicable) shall be securely transmitted to the central control unit. Vendors' systems shall facilitate secure and efficient data transfer for aggregation, visualization, and reporting.

3. Data Aggregation: The CCU system shall aggregate data, ensuring that data from various sources is compiled into a unified format for easier processing and analysis.

4. Data Cleaning: Implement data cleaning processes to remove any inconsistencies, errors, or duplicates in the received data to ensure high-quality and reliable data for analysis.

5. Data Analysis: Process the aggregated and cleaned data. This includes applying algorithms to identify patterns, trends, and anomalies in production, operational and compliance-related activities from digital interventions (non-exhaustive).

6. Near Real-time Processing: Ensure that the system supports near real-time data processing to provide up-to-date information on production, operational and compliance-related activities from digital interventions (non-exhaustive) enabling timely decision-making and compliance monitoring.

7. Interactive Dashboards: Develop interactive dashboards that allow users to visualize data in various formats, such as charts, graphs, and tables. These dashboards should be customizable to meet the specific needs of different users. Vendor must provide role-specific dashboards to support decision making, monitoring, and enforcement workflows. These dashboards must be configurable, intuitive, and support drill-down capabilities for investigation and case resolution. All visualizations must be responsive and capable of being refreshed in near real-time

8. Reporting Tools: Include robust reporting tools that enable users to generate detailed reports on production, operational and compliance-related activities from digital interventions (non-exhaustive) and other key metrics. Reports should be exportable in multiple formats (e.g., PDF, Excel).

9. Alert and Notification System: Implement an alert and notification system that can notify relevant stakeholders of any anomalies, compliance breaches, or significant changes in production data. Alerts should be configurable based on predefined thresholds and criteria.

10. Historical Data Analysis: Provide capabilities for historical data analysis, allowing users to compare current production data with historical trends to identify long-term patterns and insights.


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11. User Access Control: 101 Ensure that data visualization tools have user access control mechanisms to restrict access to sensitive information and ensure that only authorized personnel can view or manipulate the data.

12. Scalable Multi-Site Integration: The system shall support monitoring across multiple locations, enabling centralized oversight over all deployed solutions

13. Compliance with Standards: Vendors shall ensure their solutions adhere to cybersecurity and data privacy requirements mandated by FBR.

14. Dedicated Vendor Team: Vendors will be responsible for providing a dedicated team to manage dashboards, run analytics, perform equipment maintenance, and conduct audits to ensure the system's operational efficiency and compliance with regulatory standards.

B. Functional Performance Requirements of the Information System

The vendor must deliver a high-performance, scalable, and secure CCU system that ensures seamless data collection, compliance monitoring, and enforcement support. The system must meet the following key performance areas:

1. Uninterrupted Data Flow & System Availability o The system must ensure continuous, near real-time transmission of data without interruptions. ▪ Illustrative example: If a video feed from a manufacturing plant goes offline, the system should automatically trigger a backup transmission or notify enforcement teams o Vendors must implement redundancy measures and automated failover mechanisms to prevent downtime. o The CCU must support local access by authorized users while maintaining high system performance. ▪ Illustrative example: Multiple users should be able to simultaneously access real-time production data and video analytics dashboards without latency issues.

2. Secure Data Processing & Storage o The vendor must ensure all transmitted data is encrypted and stored securely, preventing unauthorized access or tampering. o The CCU data retrieval mechanism must be optimized for high-volume data storage and rapid retrieval, allowing enforcement teams to query and analyze data efficiently. ▪ Illustrative example: A user searching for production count in a specific factory should be able to retrieve historical data from the last six months o A structured data retention policy must be provided to maintain historical records for regulatory compliance. ▪ Illustrative example: Data should be archived in compliance with FBR regulations, retaining essential logs for forensic analysis while deleting non-critical data after a set period.

3. Advanced Data Analytics & Compliance Enforcement o The system must incorporate advanced analytics to detect unusual production patterns, compliance breaches, and enforcement triggers. ▪ Illustrative example: If production output reported by a factory is consistently lower than historical data collected o Vendors must ensure the seamless aggregation of multiple data sources into a single compliance dashboard. ▪ Illustrative example: Video-based object detection counts, barcode scanning based bottle serials/SKU

counts o The system must allow for custom enforcement rules, enabling FBR to refine detection parameters as enforcement needs evolve. ▪ Example: If a compliance requirement mandates stricter thresholds on production anomalies, the system should allow users to adjust alert thresholds without requiring vendor intervention.

4. Intelligent Alerts & Customizable Dashboards o Vendors must deploy an automated alerting system that categorizes alerts based on urgency and impact. ▪ Illustrative example: A factory that fails to send data for 60 minutes should generate a “High Priority” alert, while minor discrepancies in production trends might generate a “Low Priority” alert. o Dashboards must be configurable, allowing enforcement teams to prioritize key metrics and reports. ▪ Illustrative example: A senior tax officer should be able to create a dashboard view focused only on the top 10 factories with the highest compliance violations. o The system should facilitate custom report generation to support targeted investigations and audits. ▪ Illustrative example: Ability able to download a PDF report showing a factory’s production trends over the past three months with all flagged anomalies highlighted.

5. System Scalability & Futureproofing o The system must be modular and scalable, allowing for the integration of additional enforcement mechanisms and industries. ▪ Illustrative example: Initially implemented for cement and beverage industries, the system should allow easy expansion to textile manufacturing without requiring a complete system overhaul. o Vendors must ensure that future system upgrades (e.g., AI enhancements, new data sources) can be integrated without major system disruptions. ▪ Illustrative example: If FBR decides to introduce facial recognition based worker tracking in factories, the system should be able to ingest and process this new data source with minimal downtime. o Remote monitoring tools should be included to enable real-time diagnostics. ▪ Illustrative example: If a camera installed at a factory is overheating or failing to capture data, the system should automatically notify the maintenance team before the issue escalates.

3. Methodology:

The procurement will follow a Single Stage – Two Envelope Procedure as per Rule 36(b) of the Public Procurement Rules 2004. The successful bidder will be contracted to supply, install, operationalize, and run the Central Control Unit (CCU) as per the specifications defined in this RFP.

The CCU will integrate hardware and software components to ensure data collection and visualization, structured analysis, and monitoring of all deployed digital interventions and compliance patterns (e.g., production counting). Given the nature of the CCU and its role as a centralized enforcement hub, the vendor must demonstrate the ability to scale the solution over time, including accommodating additional digital interventions, dashboards, hardware components, or operational support staff based on evolving enforcement needs. The vendor will be required to ensure successful monitoring and data analytics on all deployed digital interventions including but not limited to:

- Integration of new digital data sources or enforcement systems (e.g., POS, Digital Invoicing, Digital Enforcement Stations) into the CCU environment.
- Deployment of additional hardware (e.g., Monitors, processing servers, operator workstations) as required during the contract period.
- Development of dashboards, visualizations, and analytics tools based on operational feedback. • Provision of additional technical or operational resources to support CCU operations.

4. CCU System Design & Implementation Plan

Bidders must submit a detailed proposal covering the design, installation, and integration of the Central Control Unit (CCU). This can include (but not limited to):

Detailed System Architecture & Components

- o Technical specifications for control room infrastructure and equipment, including processing units (CPU/GPU), storage systems, network infrastructure, and security protocols.
- o Physical layout and blueprints showing hardware placement, cabling, connectivity points, and multi-screen setup within the control room and associated infrastructure.
- o Communication device setup (phones, intercoms, emergency response systems) for seamless internal coordination.
- o Backup power solutions (e.g., UPS systems, generators) to ensure uninterrupted operations.

Software & Data Integration

- o Detailed description of the mechanism for data integration, including how the vendor plans to ingest, standardize, and process data from different source systems (e.g., API based ingestion, ETL pipelines, batch uploads). The proposal must specify how integration will ensure compatibility, data integrity, and minimal latency.
- o Proposed user interface (UI) and dashboards with clear visualization of data from various digital interventions.
- o Analytics capabilities, including anomaly detection, predictive analytics, and multisource integration from interventions (e.g., POS, DI/CTS, Track & Trace, E-way billing, etc.).
- o Security compliance measures, ensuring encryption, role-based access control (RBAC), and adherence to recognized cybersecurity standards (e.g., ISO 27001, NIST guidelines).

Implementation Timeline & Milestones

- o Gantt chart or project schedule outlining key milestones for installation, testing, operationalization, and handover.
- o Expected downtime (if any) and contingency plans for mitigating disruptions during implementation.

5. Bid Process

The bidding process for the subject activity is Single Stage Two Envelope – Invitation to Bid – Open. Invitation to Bid notification was published in national press (two leading national daily newspapers – One English and One Urdu) on 12th July, 2025 (Annexure-I) as well as uploaded on e-PADS, FBR (<https://www.fbr.gov.pk/>) and PPRA (<https://www.ppra.gov.pk>).

Summary of bid process is listed below:


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| | |
|--|--|
| Invitation to Bid Reference No. | F.No. 2(5)/TDU/IR/2025 |
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| Procurement Method/ Process | Single Stage Two Envelope – Invitation to Bid – Open |
| Technical Bids Evaluation Report Signing Date | 3 rd November, 2025 |

Technical/ Financial Evaluation Committee

Following Technical/ Financial Evaluation Committee was designated for the evaluation of the subject Invitation to Bid:

| Sr. No | Name | Designation | Role |
|---------------|------------------------|---|-------------------------------|
| 1. | Dr. Hamid Ateeq Sarwar | (i) Member (Strategic Transformation) (ii) Member (IR-Ops)/Additional charge (iii) C.E.O, PRAL/ Additional Charge | Chairman/ Convener |
| 2. | Mr. Ashhad Jawwad | Member (Customs Policy) | Member |
| 3. | Dr. Najeebullah | Chief (Tax Reforms) | Member |
| 4. | Dr. Muhammad Khurram | Chief (Mgt/HR-IR) | Member |
| 5. | Ms. Ayesha Niaz | Chief (Mgt/HR-Customs) | Member |
| 6. | Syed Fazal Samad | Chief (F&C) – Customs | Member |
| 7. | Mr. Muhammad Ali Khan | Secretary (Exp) FBR | Member/ Secretary |
| 8. | Mr. Waqar Ahmed | Second Secretary (IR-CPF) | Member/ On MCMC |

6. Bid(s) Received

On the bid submission date and time (25th August, 2025 at 11:30 AM) following bids were received:

| Sr. No | Bidder | Bid Submitted |
|---------------|----------------------------|----------------------|
| 1 | M/s Premier System Pvt Ltd | ✓ |
| 2 | M/s Stellarsoft Pvt Ltd | ✓ |

Technical Bids Evaluation Report - F.No. 2(5)/TDU/IR/2025

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7. Bid Opening

In accordance with the bid opening procedure of Single Stage Two Envelope method, Technical bids were opened publicly on the same date immediately after bid submission time at FBR House by the Technical/ Financial Evaluation Committee in the presence of bidders authorized representatives. The bids availability on e-PADS was checked and confirmed in presence of bidders authorized representatives. Availability of bid security as per Invitation to the Bids terms, bid submitted for package(s)/ region(s) and confirmation of financial bid were read out at the time of bid opening meeting. The bid opening statement is placed at (**Annexure-II**).

The sealed financial bids of all bidders were signed by the Technical/ Financial evaluation committee and kept in safe custody.

8. Preliminary Examination

Preliminary examination of the technical bids was carried out. The examination included verification/ review of bidder bid form, completeness of the bid, eligible countries, bid validity confirmation and availability of bid security as per requirement of the Invitation to Bid. The finding(s) from preliminary examination is summarized below:

| Bidder | Bid Form | Eligible Country | Bid Validity | Bid Security | Substantial Responsiveness | Acceptance for detailed Examination |
|----------------------------|----------|------------------|--------------|--------------|----------------------------|-------------------------------------|
| M/s Premier System Pvt Ltd | Yes | Pakistan | Yes | Yes | Yes | Yes |
| M/s Stellarsoft Pvt Ltd | Yes | Pakistan | Yes | Yes | Yes | Yes |

9. Detailed Technical Evaluation

Mandatory Requirements for Eligibility/Responsiveness and Bid Evaluation Criteria (Technical) – **Annexure-III**

10. Bids Accepted as responsive to the Invitation to Bid

| Sr. | Bidder |
|-----|----------------------------|
| 1. | M/s Premier System Pvt Ltd |


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Technical Bid Evaluation Sheet

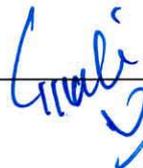
Hiring of firm to build and operate a Central Control Unit (CCU) fo Digital Interventions - FBR

Criteria:

Total Marks = 175

Qualifying Marks= 70% of the total marks

| Criterion | Details | Marking Criteria | M/s Premier System Pvt Ltd | M/s Stellarsoft Pvt Ltd |
|--|--|--|----------------------------|-------------------------|
| A. Technical solution (70 marks) | | | | |
| System Architecture, Modularity & Robustness (10 Marks) | Vendor must submit a comprehensive architecture diagram demonstrating the overall system design. This must include: <ul style="list-style-type: none"> • Modularity to allow future expansion (e.g., new interventions, dashboards) • Core components such as servers, switches, processing layers • Data flow from sites to the CCU • Design robustness including high availability, failover, and fault tolerance | 0-10 marks based on: <ul style="list-style-type: none"> • Completeness of architecture diagram • Clarity of end-to-end data flow • Modularity for future scalability • Robustness (failover, redundancy, fault isolation) • Separation of concerns | 8 | 2 |
| Integration with Digital Intervention Systems (10 Marks) | System must clearly explain/illustrate how data from multiple enforcement solutions (e.g., cameras, counters, meters) will be connected and processed by CCU. | 0-10 marks based on: <ul style="list-style-type: none"> • Clarity of integration logic • Examples of past integrations • Technical explanation of APIs/protocols used | 8 | 0 |
| Robust System Architecture (10 Marks) | Vendor must submit a complete architecture diagram that clearly shows core components (e.g., servers, switches, processing layers), data flow from sites to CCU, and design choices that ensure robustness (e.g., failover, redundancy, separation of concerns). | 0-10 marks based on: <ul style="list-style-type: none"> • Completeness of architecture diagram • Coverage of end-to-end data flow • Design robustness (e.g., high availability, failover, redundancy) • Separation of components for fault tolerance | 8 | 0 |
| Cyber security and data privacy measures (10 Marks) | Vendor must clearly describe how data is secured during storage and transmission, including encryption methods and access controls (e.g., RBAC, MFA), in line with global best practices (e.g., ISO 27001, NIST). | 0-10 marks based on: <ul style="list-style-type: none"> • Security protocols (RBAC, MFA, encryption) • Alignment with standards (ISO 27001, NIST) • On-prem vs. cloud risk mitigation | 8 | 6 |
| Backup & Disaster Recovery (10 Marks) | At least 5 well-designed, user-friendly dashboard prototypes (wireframes) with clear layouts, readable charts, and logical navigation. Should reflect views such as Executive Overview, Sector Wise Compliance, and Enforcement Monitoring. | 0-10 marks based on: <ul style="list-style-type: none"> • RTO/RPO detail • Use of replication protocols • Physical/Cloud fallback design | 8 | 0 |


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Hiring of firm to build and operate a Central Control Unit (CCU) fo Digital Interventions - FBR

Criteria:

Total Marks = 175

Qualifying Marks= 70% of the total marks

| Criterion | Details | Marking Criteria | M/s Premier System Pvt Ltd | M/s Stellarsoft Pvt Ltd |
|---|---|---|----------------------------|-------------------------|
| Dashboard Prototypes (10 Marks) | At least 5 well-designed, user-friendly dashboard prototypes (wireframes) with clear layouts, readable charts, and logical navigation. Should reflect views such as Executive Overview, Sector Wise Compliance, and Enforcement Monitoring. | 0-10 marks based on: • Wireframes and user interface clarity • Coverage of required views (Executive, Enforcement, Sectoral) • Analytics features (e.g., alerts, anomaly detection) | 9 | 7 |
| Team structure (10 Marks) | Proposed operating team includes personnel with demonstrated certified expertise in domains such as system administration, database management, API integration, and network operations as well as IT infrastructure, data analytics, real-time monitoring, enforcement operations, and managerial oversight (preferably 3-5 years of hands-on experience in their respective fields) | 0-10 marks based on: • Mapping of roles to CCU needs (infra, analytics, ops) • Qualifications of team members • Experience in similar projects | 7 | 0 |
| B. Historical experience (75 marks) | | | | |
| Experience in Deploying Similar Solutions (25 Marks) | Demonstrated experience in delivering technical solutions for data monitoring, compliance tracking, or enforcement systems OR setting up any central control rooms over the past 5 years. Each referenced project must have been live for at least six months. | 5 marks per project (maximum 25 marks) | 20 | 0 |
| Experience in Integration of Digital Systems (25 Marks) | Demonstrated experience in integrating with diverse field systems (e.g., IP cameras, sensors, etc.) and standardizing data from multiple sources into centralized databases. Each referenced project must have been live for at least six months | 5 marks per project (max 25) | 15 | 0 |
| Experience with setup of Centralized Dashboards & Alert Engines (25 Marks) | Prior deployments where centralized dashboards were used to visualize data and trigger alerts for anomalies. Each referenced project must have been live for at least six months. | 5 marks per project (maximum 25 marks) | 20 | 0 |


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Technical Bid Evaluation Sheet

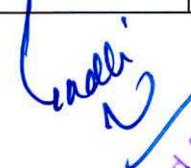
Hiring of firm to build and operate a Central Control Unit (CCU) fo Digital Interventions - FBR

Criteria:

Total Marks = 175

Qualifying Marks= 70% of the total marks

| Criterion | Details | Marking Criteria | M/s Premier System Pvt Ltd | M/s Stellarsoft Pvt Ltd |
|--|---|---|----------------------------|-------------------------|
| C. Company profile (30 marks) | | | | |
| Adequate and relevant local presence (15 Marks) | The bidder must demonstrate availability of on-ground offices and staff presence across key functions including infrastructure, software development, analytics, and operations in Pakistan to support implementation and ongoing operations. | - | 10 | 0 |
| Annual Financial Turnover (15 Marks) | Average annual turnover over the last five years (in PKR). | 5 marks for turnover \geq 50M PKR, 10 marks for \geq 100M PKR, 15 marks for \geq 150M PKR | 15 | 0 |
| Total | | 175 | 136 | 15 |


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Federal Board of Revenue

Bid No 2(5)(TDU)/IR/2025

For

HIRING OF FIRM TO BUILD AND OPERATE A CENTRAL CONTROL UNIT (CCU) FOR DIGITAL INTERVENTIONS

Invitation to Bids

The Federal Board of Revenue (FBR) invites sealed bids from eligible vendors for the installation, operationalization, and management of a Central Control Unit (CCU). The CCU will serve as FBR's centralized enforcement hub, designed to monitor, analyze, and visualize data from digital interventions deployed by FBR. The selected vendor will be responsible for:

- a. Procuring, deploying, and operationalizing necessary hardware and software infrastructure at the designated CCU site
 - b. Integrating the CCU with data sources from existing and future digital interventions (e.g., production tracking cameras/scanners' data, dashboards for digital invoicing etc.)
 - c. Developing dashboards, alerts, and analytics tools to support real-time monitoring and decision-making as required
 - d. Running the day-to-day operations of the CCU in close coordination with FBR teams, including monitoring of all deployed digital interventions, responding to generated alerts, and conducting data analysis
 - e. Providing support services, including staffing, training, troubleshooting, and long-term system maintenance.
2. Sealed bids are invited from firms/entities, registered with PPRA on E-PADS as vendors and with Income Tax and Sales Tax Departments, and included in Active Taxpayer's List of FBR; To build and operate a Central Control Unit (CCU) for digital interventions
 3. Bidding documents are available on e-PADS and FBR/PPRA Websites i.e. <https://www.ppra.gov.pk> & <https://www.fbr.gov.pk/> and can be downloaded free of cost. Encrypted electronic bids duly completed and in conformity with Bidding Documents must be submitted online on e-Pak Acquisition and Disposal System (e-PADS) website till **31-07-2025 at 11:00 AM**.
 4. The procurement process for this RFP shall follow a **Single Stage Two Envelope bidding procedure** with **two pre-bid meetings**:
 - a. Pre-bid meeting 1, to clarify vendor and industry queries, will take place on 21-07-2025 at 11:00 AM at 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://vlc.fbr.gov.pk/meeting/> Meeting ID: 317317 Passcode: 0147]

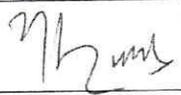
- b. Pre-bid meeting 2, so vendors may present their preliminary solutions for feedback, in line with conditions mentioned in clause 1 of Invitation to Bid, will take place on 28-07-2025 at 11:00AM at Room 358, 3rd Floor, FBR House, Constitution Avenue, G-5, Islamabad

The bidders who wish to join the meeting virtually can join by using the following link [<https://vlc.fbr.gov.pk/meeting/> Meeting ID: 318318 Passcode: 0258]

5. Bidding will be conducted through Open Competitive Bidding using - Single Stage Two Envelope procedure as specified in the PPRA Rules for the subject procurement and is open to all eligible Bidders as defined in the PPRA Rules, 2004.
6. All bids must be accompanied by a Bid Security in an acceptable form in the amount of PKR 1,000,000 (One Million Only), currency. Bid Securing Declaration (if required) must be submitted in the format provided in the Bidding Documents.
7. Interested eligible bidders may request for further information/clarification by email at secretary.admin@fbr.gov.pk during official Business Days and timing at the address given below, within Seven (07) days before the proposal submission deadline.
8. To ensure clarity and address any questions from prospective bidders regarding the procurement process, technical specifications, and requirements, a **pre-bid meeting** will be organized. Attendance is encouraged for all interested parties to facilitate a better understanding of the project scope and deliverables including clarification of technical specifications and Q&A session to address bidder queries.
9. The original bid along with 2 *copy(s)*, properly filled in, and enclosed in sealed envelope(s) must be delivered to the address, **Room 510, 5th Floor, FBR House, Constitution Avenue, G-5, Islamabad**, at or before 1100 hours by **31-07-2025**. The bids shall be opened at 11:30 AM promptly thereafter in public and in the presence of bidders' representatives who choose to attend in the opening at the Room 358, 3rd Floor, FBR House, Constitution Avenue, G-5, Islamabad
10. FBR may reject all bids at any time prior to the acceptance of a bid by invoking rule 33 of Public Procurement Rule (PPR), 2004.

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

ATTENDANCE SHEET OF VENDORS FOR TECHNICAL BID OPENING "HIRING OF FIRM TO BUILD AND OPERATE A CENTRAL CONTROL UNIT (CCU) FOR DIGITAL INTERVENTIONS" ON 25th August, 2025 AT 11:30 AM.

| S.No. | Name of Firm | Name of Representative | CNIC No | Contact No. & Email | Signature |
|-------|------------------------------|------------------------|-----------------|-------------------------------------|---|
| 1. | M/s Premier System Pvt (Ltd) | Wajid Ali | 61101-2001234-3 | 0301-8503285 wali@Premier.com.pk |  |
| 2. | M/s Stellarsoft Pvt (Ltd) | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |


Muhammad Ali Khan
 Secretary (Expenditure)
 Federal Board of Revenue
 Islamabad


Dr. Najeebullah
 Chief (Tax Reforms)


Freedom Akram Sheik
 Chief (Admn & Finance)


Farrukh Amir Sial
 Secretary (Administration)

Evaluation Criteria

The evaluation process will follow the Single Stage – Two Envelope bidding methodology using the Least Cost Based Selection (LCBS) approach.

All bids will undergo a technical evaluation based on the criteria and scoring methodology outlined in Section V. Each criterion is mandatory and will be assessed and scored individually. Only those bidders who secure at least 70% of the total technical score will be eligible for financial evaluation.

For the financial evaluation, only technically qualified bids will be opened. The bidder offering the lowest evaluated financial bid shall be selected for award and considered the Most Advantageous Bid (MAB), in accordance with Rule 36(b) of the Public Procurement Rules, 2004. Partial compliance or failure to meet the minimum technical threshold will result in disqualification from further evaluation.

1. Technical evaluation (Total: 175 Marks – 70% required to pass for financial evaluation)

| A. Technical solution (70 marks) | | | |
|---|---|--|--|
| Criteria | Description | Marking criteria | Documentation required |
| System Architecture, Modularity & Robustness | Vendor must submit a comprehensive architecture diagram demonstrating the overall system design. This must include: <ul style="list-style-type: none"> • Modularity to allow future expansion (e.g., new interventions, dashboards) • Core components such as servers, switches, processing layers • Data flow from sites to the CCU • Design robustness including high availability, failover, and fault tolerance | 0–10 marks based on: <ul style="list-style-type: none"> • Completeness of architecture diagram • Clarity of end-to-end data flow • Modularity for future scalability • Robustness (failover, redundancy, fault isolation) • Separation of concerns | Architecture description highlighting modularity and mechanism, for adaptability for future expansion. |
| Integration with Digital Intervention Systems | System must clearly explain/illustrate how data from multiple enforcement solutions (e.g., cameras, counters, meters) will be connected and processed by CCU. | 0–10 marks based on: <ul style="list-style-type: none"> • Clarity of integration logic • Examples of past integrations • Technical explanation of | Description of data integration steps, supported formats, and examples of successful integration with other systems. |

| | | APIs/protocols used | |
|---|--|---|--|
| Robust System Architecture | Vendor must submit a complete architecture diagram that clearly shows core components (e.g., servers, switches, processing layers), data flow from sites to CCU, and design choices that ensure robustness (e.g., failover, redundancy, separation of concerns). | 0–10 marks based on: <ul style="list-style-type: none"> • Completeness of architecture diagram • Coverage of end-to-end data flow • Design robustness (e.g., high availability, failover, redundancy) • Separation of components for fault tolerance | Annotated architecture diagram showing components, end-to-end data flow, and notes on how the design ensures robustness (e.g., high availability, failover, modularity). |
| Cybersecurity and data privacy measures | Vendor must clearly describe how data is secured during storage and transmission, including encryption methods and access controls (e.g., RBAC, MFA), in line with global best practices (e.g., ISO 27001, NIST). | 0–10 marks based on: <ul style="list-style-type: none"> • Security protocols (RBAC, MFA, encryption) • Alignment with standards (ISO 27001, NIST) • On-prem vs. cloud risk mitigation | Cybersecurity note referencing encryption protocols, access control setup, and alignment with standards like ISO 27001 or NIST etc. |
| Backup & Disaster Recovery | CCU-specific disaster recovery plan outlining server-level backup strategy, replication protocols, fallback triggers, and RTOs. | 0–10 marks based on: <ul style="list-style-type: none"> • RTO/RPO detail • Use of replication protocols • Physical/Cloud fallback design | Detailed CCU DR plan including diagrams or documentation of backup flows, replication paths, failover triggers, and RTO timelines. |
| Dashboard Prototypes | At least 5 well-designed, user-friendly dashboard prototypes (wireframes) with clear layouts, readable charts, and logical navigation. Should reflect views such as Executive Overview, Sector- | 0–10 marks based on: <ul style="list-style-type: none"> • Wireframes and user interface clarity • Coverage of required views | Visual mockups or screenshots of proposed dashboards with core metrics, filters, and user interface views. Must be clear, intuitive, and |

| | | | |
|----------------|---|--|---|
| | Wise Compliance, and Enforcement Monitoring. | (Executive, Enforcement, Sectoral) • Analytics features (e.g., alerts, anomaly detection) | professionally presented. |
| Team structure | Proposed operating team includes personnel with demonstrated certified expertise in domains such as system administration, database management, API integration, and network operations as well as IT infrastructure, data analytics, real-time monitoring, enforcement operations, and managerial oversight (preferably 3-5 years of hands-on experience in their respective fields) | 0–10 marks based on: • Mapping of roles to CCU needs (infra, analytics, ops) • Qualifications of team members • Experience in similar projects | Summary of qualifications and CVs of key team members, with role mapping to IT, analytics, and management responsibilities. |

B. Historical experience (75 marks)

| Criteria | Description | Marking criteria | Max marks | Documentation required |
|--|--|--|-----------|--|
| Experience in Deploying Similar Solutions | Demonstrated experience in delivering technical solutions for data monitoring, compliance tracking, or enforcement systems OR setting up any central control rooms over the past 5 years. Each referenced project must have been live for at least six months. | 5 marks per project (maximum 25 marks) | 25 | Valid contract or agreement, project completion certificate, or implementation report clearly referencing scope of real-time monitoring and system deployment. |
| Experience in Integration of Digital Systems | Demonstrated experience in integrating with diverse field systems (e.g., IP cameras, sensors, etc.) and standardizing data from multiple sources into centralized databases. | 5 marks per project (max 25) | 25 | System architecture diagrams, API integration documentation, project reports showing end-to- |

| | | | | |
|---|---|--|----|--|
| | Each referenced project must have been live for at least six months. | | | end data flow, or client attestations. |
| Experience with setup of Centralized Dashboards & Alert Engines | Prior deployments where centralized dashboards were used to visualize data and trigger alerts for anomalies. Each referenced project must have been live for at least six months. | 5 marks per project (maximum 25 marks) | 25 | Network diagrams, BoQ documents, deployment photos, integration documentation, or field reports. |
| C. Company profile (30 marks) | | | | |
| Adequate and relevant local presence | The bidder must demonstrate availability of on-ground offices and staff presence across key functions including infrastructure, software development, analytics, and operations in Pakistan to support implementation and ongoing operations. | Evaluation based on adequacy and relevance of local presence for project delivery (maximum 10 marks) | 15 | HR certificate or affidavit from authorized company representative confirming current technical employees strength, including department-wise strength HR certificate or affidavit from authorized company representative confirming current technical employees strength, including department-wise strength Lease agreement, utility bills, or incorporation certificate with operating history in Pakistan. |

| | | | | |
|---------------------------|--|---|----|--|
| Annual Financial Turnover | Average annual turnover over the last five years (in PKR). | 5 marks for turnover \geq 50M PKR, 10 marks for \geq 100M PKR, 15 marks for \geq 150M PKR | 15 | Audited financial statements (Profit and Loss, Balance Sheet, Statement of Cashflows etc.) for last three fiscal years, certified by a chartered accountant. |
|---------------------------|--|---|----|--|

Financial evaluation

- The lowest financial bid (out of those that passed the technical evaluation criteria) will be deemed the Most Advantageous Bid

The Most Advantageous Bid shall be determined through a two-step process: first, by shortlisting all bidders who meet or exceed the minimum technical qualification threshold; and second, by selecting, from among these technically qualified bidders, the one with the lowest evaluated financial bid for contract award.