



OFFICE OF THE
CONTROLLER GENERAL OF ACCOUNTS
CGA Complex, G-5/2, Islamabad

(PROJECT)
IMPLEMENTATION OF
ONLINE BILLING SOLUTION
(SEHAL)

**UNDER THE PUBLIC FINANCIAL MANAGEMENT REFORMS AT
FEDERAL & PROVINCIAL LEVELS**

Tel:92-51-9107241 , Fax:92-51-9208896

No. CGA/FABS/Consolidation-DC/153-2022

28.12.2023

Request for Proposal (RFP-39)

Hiring of Consultancy Services firm for FABS Data Centre Designing with BOQs

The Directorate General MIS/FABS, Department of the Controller General of Accounts under online billing project "Sehal" invites Request for Proposal (RFP-39) **Hiring of Consultancy Services firm for FABS Data Centre Designing with BOQs** from the eligible consultant firms, who are on Active Taxpayers List of the Federal Board of Revenue for the related services of Data Centre designing. Method of selection will be **Quality and Cost Based Selection** with 50% Technical and 50% Financial Bid Evaluation weightages. Firm will be hired for the period of 3-4 months for delivering the complete work plan, design, specifications/BOQs and assist in implementation of the complete data centre design with the best industry practices.

2. Request for Proposal (RFP-39)-Hiring documents, containing detailed terms and conditions, etc. can be downloaded from the EPAD System or from our websites (www.fabs.gov.pk, www.cga.gov.pk) **free of cost**. The Request for Proposal (RFP-39) document comprising consolidated Technical and Financial proposals be prepared in accordance with the instructions in the RFP-39 documents, and electronic bids must be submitted/uploaded on or before 23.01.2024 by 11:00 A.M at EPAD system only as per E-Pak Procurement Regulations, 2023 notified by the Public Procurement Regulatory Authority.

3. The Request for Proposals (Technical and Financial) will be opened **under single stage one envelope procedure on E-PADS** as per PPRA Rule 36 (a) on the same day (23.01.2024) at **Committee Room (6th floor), CGA Complex, Sector G-5/2, Islamabad by 11:30 A.M.** This advertisement, Request For Proposal Documents (RFP-39) and E-Pak Procurement Regulations are also available on PPRA website. The procedure and meaning for submission of bids mentioned under the PPRA Rules, 2004, Consultancy Services Regulations, 2010 and Request for Proposal documents for Consultancy Services (RFB-39) may be read and understand at par according to the procedure mentioned under the electronic submission of bids given in E-Pak Procurement Regulations, 2023 at PPRA website www.ppra.org.pk.

4. All eligible consultancy/data centre designing architect firms are requested to register themselves with the E-PAD System for submission of electronic bids. Submission of bids through EPADS is mandatory and unconditional bids must be submitted/uploaded through EPADS for further evaluation by respective committees in light of the approved qualification and evaluation criteria. Contract award will be notified on E-PADS in light of the E-Pak Procurement Regulations, 2023 and Rule 35 of the PPRA Rules, 2004.

Project Manager (SEHAL-Online Billing Project)

Directorate General MIS/FABS,
Ground floor, CGA Complex,
G-5/2, Islamabad Tel:051-9107241

Request for Proposal (RFP)- Hiring of Consultancy Services Firm for FABS Data Center Designing with BOQs

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Introduction:

The Department of Controller General of Accounts Pakistan is seeking proposals from qualified firms / vendors for the design of a centralized data center in Islamabad. The data center will host the Financial Accounting and Budgeting System (FABS) and will be responsible for ensuring secure and reliable access to financial information for all stakeholders.

Background:

The Financial Accounting and Budgeting System (FABS) of the Government of Pakistan is currently in a distributed environment with five data centers located in the capital city of each province. The data centers were originally developed in 2011 as part of the PIFRA project, which aimed to improve financial reporting and auditing for the government of Pakistan. While the initial implementation of the FABS system has been successful, the government has identified the need for a centralized data center to host the system and improve its efficiency and security.

The main objective of this project is to establish a centralized data center in the capital city of Pakistan, Islamabad, which will host the FABS system and its associated databases. This centralized data center will improve the ability of the government to perform analytics and create timely financial reports and dashboards for decision makers. The department of CGA is now seeking proposals from qualified Vendors/Consultancy Firms to design the centralized data center in Islamabad.


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Islamabad

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TOR (Terms of Reference) for Hiring of Datacenter Architect firm:

1. Objectives:

- i. To design data center infrastructure that meets the client's current and future IT requirements
- ii. To ensure the data center is highly available, secure, and scalable
- iii. To optimize energy efficiency and minimize the environmental impact
- iv. To provide a report on the current environment of AG Punjab's data center and also suggest any necessary improvements required to meet the standards for utilizing it as a Disaster Recovery Site
- v. To furnish a thorough report examining the necessities of the five data centers for running network equipment, including vital factors such as environment, equipment, power and cooling systems

2. Key Responsibilities:

- vi. Design data center infrastructure, including power, cooling, and network systems
- vii. Ensure compliance with industry standards, such as TIA-942 and Uptime Institute's Tier Standards etc.
- viii. Develop project implementation plans, including timelines, resource requirements, and testing procedures
- ix. Provide technical support during the implementation and commissioning phase
- x. Produce detailed design documents, including network diagrams, floor plans, and equipment lists
- xi. Collaborate with the client and other stakeholders to understand their IT requirements and ensure the design meets their needs
- xii. Continuously monitor and evaluate the data center infrastructure to identify opportunities for improvement
- xiii. Provide guidance and support to the operations and maintenance team to ensure the data center is running efficiently
- xiv. Submit report on existing data center environment of AG Punjab and proposed improvement required to meet the standards
- xv. To furnish a thorough report examining the post-devolution necessities of the five data centers for running network equipment, including vital factors such as environment, equipment, power, and cooling systems.

3. Scope of Work:

- i. Prepare Design, Drawings and BoM (bill of material) of the centralized data center in Islamabad
- ii. Implementation of industry best practices and data center technologies
- iii. Prepare maintenance and support process of the data center post-construction
- iv. Design compliant with relevant laws, regulations, and industry standards
- v. To provide a report on the current environment of AG Punjab's data center and also suggest any necessary improvements required to meet the standards for utilizing it as a Disaster Recovery Site
- vi. To furnish a thorough report examining the post-devolution necessities of the five data centers for running network equipment, including vital factors such as environment, equipment, power, and cooling systems


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4. Bidders Eligibility/ Mandatory Qualification Criteria –

The Bidder must meet the following mandatory qualifications to be eligible for bid :

- i. **Is incorporated as firm with Registrar of firm or a company incorporated under the provisions of Companies Act, 2017 for the last three (03) years or more OR Is listed with Security Exchange Commission of Pakistan.**
- ii. **Is registered with Sales tax and Income Tax Authorities with valid NTN and Is Active Taxpayer.**
- iii. **Has not been blacklisted/Cross-debarred by any of Provincial or Federal Government Department/Public Entity. If litigation in process under any Court but have no negative impact with respect to bidding process/contract award.**
- iv. **Must have at least one qualified data centre designing architecture /Professional or equivalent.**
- v. **Have a proven track record of successfully implementing projects (Preferably Data Centre Designing) for at least two (02) years or more in Public/Private Sector.**
- vi. **Have implemented at least two (02) projects of Data Centre Designing for Implementation at National or International level having value of at least two (2) million PKR each with copy of Job Completion Certificate.**
- vii. **Attach copy of verified audited financial reports, with Auditor's Registration no. and seal.**

Note:

Other than the above, the Bidder must have to fulfill the documentary requirements. Failing to comply with or deviation from any of the above mandatory criteria would result in rejection of bid.


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5. Bidders Technical Bid Evaluation Criteria –

The Bidder must meet the following Technical qualifications requirements to be eligible under Technical bid Evaluation:

i. **Projects/Assignments/works for Data Centre Designing Services:**

Documents required with bid: (Copies of work order/contract with successful completion certificate from Procuring Agency is to be submitted with technical bid as evidence- **(Max 20 MARKS)**)

Scoring criteria: 0 to 5 marks each project/assignment/work:

No. of designing Projects with minimum value of PKR 0.5 Million

- | | |
|---|-----------------|
| i. Data centre designing works up to Rs. 2.0 Million | 5 Marks |
| ii. Data centre designing works from Rs. 2.0 Million to 4.0 Million- | 10 Marks |
| iii. Data centre designing works from Rs. 4.0 Million to 5.0 Million- | 15 Marks |
| iv. Data centre designing works from Rs. 5.0 Million to 10.0 Million or above | 20 Marks |

ii. **Certified Human Resource :**

(Max 40 MARKS)

Documents required with bid: Please provided copy of relevant certifications along with CVs, experience certificate & proof of employment with the company).

Scoring criteria (05 Marks against each type of certified resource):

16 Years Education in relevant discipline with two (02) years experience OR relevant # industry standard certification with three (03) years experience

- | | |
|---------------------------------------|------------|
| i. Data Center Professional/Architect | (10 Marks) |
| ii. Electrical Engineer | (10 Marks) |
| iii. Networking Expert | (10 Marks) |
| iv. Cloud Expert | (10 Marks) |
| v. Information Security Expert | (10 Marks) |

Note: (industry standard certifications also include # Certified Data Centre Expert (CDCE) or # Certified Data Centre Specialist (CDCS) or # Certified Data Centre Professional (CDCP) under Sr. i and Certified Network Cabling Design Professional (CNCDP) under sr. iii.

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iii. **Work Plan and Methodology with timelines:** **(Max 20 MARKS)**

Scoring criteria: marks will be given by the Technical Committee for the work plan and methodology with timelines for completion of assignment.

iv. **Demo/Presentation for the data centres already designed/successfully Implemented**

(Max 10 MARKS)

Scoring criteria: marks will be given by the Technical Committee for the successful designing and implemented data centre design in Pakistan.

Documents required with bid: Please provided copy of design, presentation, video demo of data centre, committee may physically inspect the data centre, as deemed necessary).

v. **Performance & Reliability of Proposed Data Centre Architecture Firm**
(Max 10 MARKS)

Scoring criteria:

Proof of performance, reliable Service & Satisfactory Customer Relationship by providing:

Documents required with bid: Certificate from Clients having Purchase orders/Work Orders worth **Rs. 2 Million or** above per annum by stating satisfactory performance & reliability of services as per committed Service Level Agreements.

(05 marks will be given for each such certificate up to maximum 10 Marks)

TOTAL MARKS

(100 MARKS)

A- Technical Bid Qualification Weightages:

- a) **Maximum Technical Weightage (50% out of 100%)**
b) **Minimum Technical Bid Qualification Marks (70 Marks out of 100)**

Note:

Designing and Implementation of data centre subject to evaluation by the Technical Assessment and Technical Bid Evaluation Procurement Committee in light of the submitted documentary proof in terms of proposed design, process & methodology by the Data Centre Professional/Architect.

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B- Financial Bid Evaluation Criteria (standard formula):

lowest bid price among bidders will be divided by the Quoted price of concerned bidder and then multiply it with 100 and total financial weightage i.e:

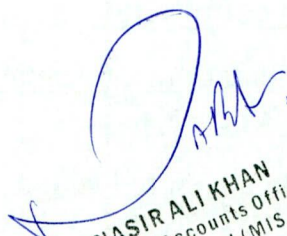
Standard Formula:

Lowest bid/proposal price among bidders/ Concerned Bidder Quoted Price
* financial weightage

C- Maximum Financial Weightage (50%).

Note: The lowest quoted bidder will get 50% marks/Weightage.

Most Advantageous Bid/Total Score-C (highest combined Technical and Financial weightages)= Total Technical Weightage (A) + Total Financial Weightage (B)


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Technical and Financial Proposal by the Certified Data Centre Architecture Firm must Includes:

The detailed technical proposal must be prepared with inclusion of following documents:

1. Table of Contents
2. Bidder Information/Profile details
3. Cover Letter/Letter to Bid ,Financial Bid Form (related forms as per approved bidding document RFB-39)
4. Data Centre Designing, Implementation Plan with timelines and resources deployment.
5. Complete TORs Compliance sheet for each operational requirement.
6. Certificates from relevant Organization/Professional Bodies (NTN/STN, SECP in case of private limited company etc).
7. Project References with successful implementation status/report/completion certificates.
8. Financial Strength and worth of executed Projects including Joint Ventures.
9. **Payment Plan (Negotiable with successful bidder):**
 - i) **20% on inception Report/Work Plan/Staff Deployment**
 - ii) **70% on data centre design completion**
 - iii) **10% on successful documentation, presentation, video implementation of data centre as per design.**
10. **Final deliverable:** Proposed Data Centre Design with documentation, presentation and video of proposed data centre design.
11. **Minimum time line for rendering complete Data centre Design with complete BOQ : 3-4 Months**

Team Lead (Networks)

Team Lead (Basis)

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