Request for Proposal

FEATURE COMPARISON OF IN-HOUSE DEVELOPED SOFTWARE'S WITH OFF THE SHELF SYSTEMS / SOFTWARE'S AVAILABLE IN THE POWER/UTILITY SECTOR (NATIONAL AND INTERNATIONAL) (Consultancy Services)

National

Single Stage-One Envelope

November 20, 2026

Power Information Technology Company (PITC) (Power Information Technology Company (PITC)),Director General
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PROCUREMENT NOTICE

PROCUREMENT OF CONSULTANCY SERVICES

1. The **Power Information Technology Company (PITC) (Power Information Technology Company (PITC))** has reserved Funds for the procurement planned for FY **2026-27**. The **Power Information Technology Company (PITC) (Power Information Technology Company (PITC))** intends to apply part of the proceeds of this Fund to cover eligible payments under the contract for the consultancy services of "**FEATURE COMPARISON OF IN-HOUSE DEVELOPED SOFTWARE'S WITH OFF THE SHELF SYSTEMS / SOFTWARE'S AVAILABLE IN THE POWER/UTILITY SECTOR (NATIONAL AND INTERNATIONAL)**" with the reference of **"P114028"**

2. The **Power Information Technology Company (PITC) (Power Information Technology Company (PITC))** invites RFP through **EPADS v2.0** from eligible Bidders registered on **EPADS v2.0** for provision of Consultancy Services.

3. **Single Stage-One Envelope** Procedure of Principal Method of Procurement (i.e. Open Competitive Bidding) will be used by adopting **Least Cost Based Selection (LCBS)**Technique for the subject procurement, in line with the Public Procurement Rules, 2026 and any Regulations, and Instructions issued by the Authority (from time to time).

4. All proposals must be accompanied by a Bid Security described in Bid Security Section in Bidding Document in the form of **Pay Order, Banker's Cheque, Bank Guarantee, Demand Draft** or Bid Securing Declaration on the prescribed format described.

5. E-Bidding documents, containing detailed terms & conditions, specifications and requirements etc. are available on **e-Pak Acquisition and Disposal System (EPADS)** at **https://epads.gov.pk/opportunities/federal/procurements/114028**.

6. The RFP, prepared in accordance with the instructions in the e-Bidding documents, must be submitted through **EPADS v2.0** on or before **Monday,**

December 7, 2026 11:00 AM. Proposals will be opened on the same day at **Monday, December 7, 2026 11:30 AM**. Manual submission of RFPs shall not be entertained. Those consultants/Firm who have not yet registered on the new version of **EPADS v2.0,** may register themselves on **https://vendors.epads.gov.pk/**. A tutorial to explain the registration process is available at **https://www.youtube.com/watch?v=MNW6T38v7tc**

In terms of Rules 65 of Public Procurement Rules, 2026 Grievance Redressal Committee (GRC) is notified for the subject procurement and notification copy is available on the procuring agency's website and also available on **EPADS v2.0** as well as Authority's website at (**www.ppra.gov.pk**).

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Instructions to Bidders

A. General Provisions

1. **Introduction**

1.1. The Procuring Agency named in the Data Sheet intends to select a consultant, in accordance with the method of selection specified in the Data Sheet. The eligible Consultants are invited to submit a proposal, as specified in the Data Sheet, for consulting services required for the assignment named in the Data Sheet.

1.2. The Consultants should familiarize themselves with the local conditions and take them into account in preparing their Proposals, including attending a pre-proposal conference if one is specified in the Data Sheet. Attending any such pre-proposal conference is optional and is at the Consultants' expense.

1.3. The Procuring Agency will timely provide, at no cost to the Consultants, the inputs, relevant project data, and reports required for the preparation of the Consultant's Proposal as specified in the Data Sheet.

2. **Corrupt and Fraudulent Practices**

2.1. The procuring agencies and the consultant are required to compliance Procurement Regulatory Framework in regard to corrupt and fraudulent practices as defined under Rule 2(x) of the Public Procurement Rules 2026.

B. Preparation of Proposals

3. **General Considerations**

3.1. In preparing the Proposal, the Consultant is expected to examine the RFP in detail. Material deficiencies in providing the information requested in the RFP may result in rejection of the Proposal.

4. **Language**

5. The Proposal, as well as all correspondence and documents relating to the Proposal exchanged between the Consultant and the Procuring Agency, shall

be written in the language(s) specified in the Data Sheet.

Documents Comprising the Proposal

5.1. The Proposal shall comprise the documents and forms listed in the Data Sheet.

6. **Only One Proposal**

6.1. The Consultant (including the individual members of any Joint Venture) shall submit only one Proposal, either in its own name or as part of a Joint Venture in another Proposal. If a Consultant, including any Joint Venture member, submits or participates in more than one proposal, all such proposals shall be disqualified and rejected. This does not, however, preclude a Sub-consultant, or the Consultant's staff from participating as Key Experts and Non-Key Experts in more than one Proposal when circumstances justify and if stated in the **Data Sheet** and subject to regulatory instructions, if any.

7. **Proposal Validity**

7.1. Proposals shall remain valid for the period specified in the Data Sheet after the Proposal submission deadline prescribed by the Procuring Agency (PA). To ensure the validity of proposal, it shall contain bid security or bid Securing declaration as a complementary bid securing instrument having the validity twenty-eight days more than the bid validity period.

7.2. During this period, the Consultant shall maintain its original Proposal without any change, including the availability of the Key Experts, the proposed rates and the total price.

7.3. If it is established that any Key Expert nominated in the Consultant's Proposal was not available at the time of Proposal submission or was included in the Proposal without his/her confirmation, such Proposal shall be disqualified and rejected for further evaluation, and may be subject to blacklisting and debarment in accordance with Clause 5 of this ITC.

7.4. **Extension of Validity Period**

7.4.1. If considered necessary, an extension in the bid validity can be made in accordance with the provision of public procurement rules, 2026 or any instructions issued in this regard.

8. **Bid security/Bid Securing Declaration**

8.1. The consultant shall submit bid security in the form and amount specified by the procuring agency before the submission deadline. Provided that in case where the procuring agency does not require the bid security, the bidder shall submit bid securing declaration on the format prescribed by the Authority in Standard Procurement Documents.

8.2. Any Proposal not accompanied by a Bid Security or Bid Securing Declaration shall be rejected by the Procuring Agency as non-responsive.

8.3. The Bid Securing Declaration of a joint venture must be in the name of the joint venture submitting the Proposal indicating all the members are jointly and severely responsible.

8.4. The successful Consultant’s Bid Securing Declaration will be discharged upon the signing the contract with the Successful Consultant, and furnishing the performance security

9. C**larification and Amendment of RFP**

9.1. The Consultant may request a clarification of any part of the RFP during the period indicated in the Data Sheet before three days prior to the Proposals’ submission deadline through **EPADS v2.0** only. The Procuring Agency will respond to the same through **EPADS v2.0**. Should the Procuring Agency deem it necessary to amend the RFP as a result of a clarification or at its own initiative, it shall do so following the procedure described below:

9.1.1. At any time before the proposal submission deadline, the Procuring Agency may amend the RFP by issuing an amendment through **EPADS v2.0**.

9.1.2. If the amendment is substantial, the Procuring Agency may extend the proposal submission deadline to give the Consultants reasonable time to take an amendment into account in their Proposals.

9.2. The Consultant who has already submitted the proposal prior to any amendments in the RFP, may submit a modified Proposal based on the respective amendment in the RFP at any time prior to the proposal submission deadline. No modifications to the Technical or Financial Proposal shall be accepted after the deadline.

10. **Preparation of Proposals – Specific Considerations**

10.1. While preparing the Proposal, the Consultant must give particular attention to the following:

10.1.1. The Procuring Agency may indicate in the Data Sheet the estimated Key Experts' time input (expressed in person-month) or the Procuring Agency's estimated total cost of the assignment, but not both. This estimate is indicative and the Proposal shall be based on the Consultant's own estimates for the same.

10.1.2. If stated in the Data Sheet, the Consultant shall include in its Proposal at least the same time input (in the same unit as indicated in the Data Sheet) of Key Experts, failing which the Financial Proposal will be adjusted for the purpose of comparison of proposals and decision for award in accordance with the procedure in the Data Sheet.

10.1.3. For assignments under the Fixed-Budget selection method, the estimated Key Experts' time input is not disclosed. Total available budget, with an indication whether it is inclusive or exclusive of taxes, is given in the Data Sheet, and the Financial Proposal shall not exceed this budget.

10.1.4. The proposal may be subject to price adjustment in accordance with Data sheet and formula specified.

11. **Financial Proposal**

11.1. The Financial Proposal shall be prepared using the Standard Forms provided in the RFP. It shall list all costs associated with the assignment, including (a) remuneration for Key Experts and Non-Key Experts, (b) reimbursable expenses indicated in the Data Sheet.

12. **Taxes**

12.1. The proposal submitted shall be inclusive of all the taxes unless otherwise stated in the Data Sheet. The Consultant and its Sub-consultants and Experts are responsible for meeting all tax liabilities arising out of the Contract unless stated otherwise in the Data Sheet. Information on taxes in the Procuring Agency’s country is provided in the Data Sheet.

13. **Currency of Proposal**

13.1. The Consultant may express the price for its Services in the currency or currencies as stated in the Data Sheet. If indicated in the Data Sheet, the portion of the price representing local cost shall be stated in the national currency. Payment shall also be made in the currency specified in the data sheet or condition of the contract.

C. Submission, Opening and Evaluation

14. **Submission/withdrawal of Proposals**

14.1. The Consultant shall submit proposal through **EPADS v2.0** before the submission deadline.

14.2. A Proposal submitted by a Joint Venture shall be submitted through **EPADS v2.0** from the account of Lead Member. Reference to the EPADS account of all the JV Member shall be provided along with the proposal. Incase any of Member is not registered on the **EPADS v2.0**, may be registered on the **EPADS v2.0** or all his credential shall be provided along with the proposal for the evaluation of the procuring agency. JV agreement signed by all the members shall also be provided along with the proposal.

14.3. A Consultant may withdraw its Proposal after it has been submitted before the submission deadline.

15. **Opening of Proposal**

15.1. The Procuring Agency will open all Proposal though **EPADS v2.0**.

15.2. Financial Proposal, will remain unopened till the prescribed financial Proposal opening date.

16. **Evaluation of Technical Proposals**

16.1. The Procuring Agency's evaluation committee shall evaluate the Technical Proposals on the basis of their responsiveness to the Terms of Reference and the RFP, applying the evaluation criteria, sub-criteria, and point system specified in the Data Sheet. Each responsive Proposal will be given a technical score. A Proposal shall be rejected at this stage if it does not respond to important aspects of the RFP or if it fails to achieve the minimum technical score indicated in the Data Sheet.

17. **Opening of Financial Proposals**

17.1. After the technical evaluation is completed, the Procuring Agency shall issue the Technical Evaluation Report containing all the information regarding responsiveness or non-responsiveness of the consultant along with the technical scores (if any). The Procuring shall notify those Consultants that have achieved the minimum overall technical score and inform them of the date andtime for the opening of the Financial Proposals.

17.2. The Financial Proposals shall be opened and evaluated through **EPADS v2.0.**

18. **Correction of Errors**

18.1. Activities and items described in the Technical Proposal but not priced in the Financial Proposal, shall be assumed to be included in the prices of other activities or items, and no corrections are made to the Financial Proposal.

18.2. The Procuring Agency’s evaluation committee will

(a) correct any computational or arithmetical errors, and

(b) adjust the prices if they fail to reflect all inputs included for the respective activities or items in the Technical Proposal. In case of discrepancy between (i) a partial amount (sub-total) and the total amount, or (ii) between the amount derived by multiplication of unit price with quantity and the total price, or (iii) between words and figures, the former will prevail. In case of discrepancy between the Technical and Financial Proposals in indicating quantities of input, the Technical Proposal prevails and the Procuring Agency’s evaluation committee shall correct the quantification indicated in the Financial Proposal so as to make it consistent with that indicated in the Technical Proposal, apply the relevant unit price included in the Financial Proposal to the corrected quantity, and correct the total Proposal cost.

19. **Conversion to Single Currency**

19.1. For the evaluation purposes, prices shall be converted to a single currency using the selling rates of exchange, source and date indicated in the Data Sheet.

20. **Selection Technique**

20.1. **Quality and Cost Based Selection**

In the case of QCBS, the total score is calculated by weighting the technical and financial scores and adding them as per the formula and instructions in the Data Sheet. The Consultant achieving the highest combined technical and financial score will be invited for negotiations.

20.2. **Fixed-Budget Selection (FBS)**

20.2.1. In the case of FBS, those Proposals that exceed the budget indicated in the Data Sheet shall be rejected.

20.2.2. The Procuring Agency will select the Consultant that submitted the highest-ranked Technical Proposal that does not exceed the budget indicated in the RFP, and invite such Consultant to negotiate the Contract.

20.3. **Least-Cost Selection.**

In the case of Least-Cost Selection (LCS), the Procuring Agency will select the Consultant with the lowest evaluated total price among those consultants that achieved the minimum technical score, and invite such Consultant for discussion on technical issues, without changing the cost and scope of services.

D. Negotiations and Award

21. **Negotiations**

21.1. The negotiations will be held at the date and address indicated in the Data Sheet with the Consultant's representative(s) who must have written power of attorney to negotiate and sign a Contract on behalf of the Consultant.

21.2. The negotiations include discussions of the Terms of Reference (TORs), the proposed methodology, the Procuring Agency's inputs, the special conditions of the Contract, and finalizing the "Description of Services" part of the Contract. These discussions shall not alter the original scope of services under the TORs or the terms of the contract, lest the quality of the final product, its price, or the relevance of the initial evaluation be affected.

22. **Availability of Key Experts**

22.1. The invited Consultant shall confirm the availability of all Key Experts included in the Proposal as a pre-requisite to the negotiations, or, if applicable, a replacement in accordance with Clauses of ITC. Failure to confirm the Key Experts' availability may result in the rejection of the Consultant's Proposal and the Procuring Agency proceeding to negotiate the Contract with the next-ranked Consultant.

22.2. Notwithstanding the above, the substitution of Key Experts at the negotiations may be considered if due solely to circumstances outside the reasonable control of and not foreseeable by the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall offer a substitute Key Expert within the period of time specified in the letter

of invitation to negotiate the Contract, who shall have equivalent or better qualifications and experience than the original candidate.

23. **Award of Contract**

23.1. The Procuring Agency will award the Contract to the Consultant whose Proposal has been determined to be substantially responsive to the RFP Documents and who has been declared as Successful Consultant, provided that the same is not in conflict with any other law or policy of the Federal Government

24. **Grievance Redressal Mechanism**

24.1. Grievance shall be redressed in accordance with procedure and mechanism defined under Rule 65 of the Public Procurement Rules, 2026 and Redressal of Grievance regulations.

25. **Mechanism of Blacklisting**

25.1. The Blacklisting shall be carried out in accordance with provision of Rule 25 of the Public Procurement Rules, 2026 and for Procedure of Filing and Disposal of Review Petition under Rule 19 (3), 2021, to be read with the Regulations on "Mechanism for Blacklisting and Debarment of Bidders or Contractors Regulations, 2024".

26. **Environmental objectives**

26.1. As per Rule 64 of Public Procurement Rules, 2026, The procuring agency may seek to procure services with a reduced environmental impact throughout their life cycle when compared to services with the same primary function that may otherwise be procured

Bid Data Sheet

Proposal Data Sheet (BDS)

The following specific data for the procurement of Consultancy Services to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

BDS Clause Number
ITB Number

Amendments of, and Supplements to, Clauses in the Instruction to Bidders

A. General

BDS Clause Number 1
ITB Number 1.1

Name of Procuring Agency: **Power Information Technology Company (PITC) (Power Information Technology Company (PITC))**

The subject of procurement is: **FEATURE COMPARISON OF IN-HOUSE DEVELOPED SOFTWARE'S WITH OFF THE SHELF SYSTEMS / SOFTWARE'S AVAILABLE IN THE POWER/UTILITY SECTOR (NATIONAL AND INTERNATIONAL)**

Financial year for the operations of the Procuring Agency: **2026-27**

Name and identification number of the Contract: **P114028**

BDS Clause Number 2
ITB Number 1.2 & 9.1

The Bidders may seek clarifications through **EPADS v2.0**: Clarification Date: Friday, December 4, 2026
Pre-Bid Meeting: Friday, November 27, 2026 11:00 AM
Venue: Building No. 3 Lower Ground Aiwan-E-Iqbal Complex Edgerton Road Lahore

B. Preparation of Proposals

BDS Clause Number 3
ITB Number 4.1

The language of the proposals is: **English**

BDS Clause Number 4
ITB Number 6.1

Participation of Sub-consultants, Key Experts and Non-Key Experts in more than one Proposal is permissible? **No**

BDS Clause Number 5
ITB Number 7.1

Proposals shall be valid until **90 Days**

BDS Clause Number 6
ITB Number 9.1

List of documents required along with the bid:

1. Registration/Incorporation/Business Certificate

2. Valid Necessary Tax Registrations

3. Undertaking to the effect that bidder is not blacklisted and rendered ineligible for corrupt and fraudulent practices by any Government (Federal, Provincial or Local) or a public-sector organization/Division/Ministry (Annexure-E).

4. Documentary evidence (assignments, client references) of relevant experience specific to each service area; Billing / IBS AMI / MDM CCMS / CRM

5. A list of clients to whom the bidder has done or been doing same nature of business (consultancy services on technology solution evaluation) during the last 3 years, along with their Names, Addresses, and Phone Numbers.

6. Consultant shall propose their own team structure including roles, qualifications (relevant qualification in I.T) and relevant experience per service.

BDS Clause Number 7
ITB Number 10.2

The Consultant’s Proposal must include the minimum Key Experts’ time-input of _____person-months.

For the evaluation and comparison of Proposals only: if a Proposal includes less than the required minimum time-input, the missing time-input (expressed in person-month) is calculated as follows:

The missing time-input is multiplied by the highest remuneration rate for a Key Expert in the Consultant's Proposal and added to the total remuneration amount. Proposals that quoted higher than the required minimum of time-input will not be adjusted.]

BDS Clause Number 8
ITB Number 10.5

The price shall be **Fixed**.

Price schedule will be provided according to the format defined and acquired. see section price schedule.

BDS Clause Number 9
ITB Number 11.1

The qualification criteria to establish the supply / production capability of the bidder.

see Eligibility Criteria

BDS Clause Number 10
ITB Number 7.6
Services and Their related documents:
See section Required Services and ToR

C. Submission, Opening and Evaluation

BDS Clause Number 11
ITB Number 8.1 & 8.2

The amount of Bid Security shall be as defined in Bid Security Section for items and lots given in **BDS 6**
Instrument of Bid Security Shall be in the Name of : **Power Information Technology Company (PITC)**
The Bid Security shall be in the form of: **Pay Order, Banker's Cheque, Bank Guarantee, Demand Draft**

BDS Clause Number 12
ITB Number 13.1

Currency of the Bids shall be : **PKR**

BDS Clause Number 13
ITB Number 14.1

Proposal shall be submitted online on EPADS v2.0 whereas hard copy of the bid security should be submitted to the following;

Room # 405, WAPDA House., Lahore City, Lahore (District), Lahore Division (Division), Punjab (Province).

Bids that are not submitted on EPADS v2.0 shall be disqualified.

The deadline for Bids submission is: **Monday, December 7, 2026 11:00 AM**

BDS Clause Number 14
ITB Number 15.1

The Bids opening shall take place on **EPADS v2.0**.

Day *:* ***Monday***

Date: ***Monday, December 7, 2026***

Time *:* ***11:30 AM***

BDS Clause Number 15
ITB Number 20

Selection technique adopted will be: **Least Cost Based Selection (LCBS)**
see Evaluation Criteria

F. Negotiation and Award

BDS Clause Number 16
ITB Number 21.5

The Performance guarantee shall: **10.00%**.

The Performance Guarantee shall be acceptable in the form of: **Pay Order, Banker's Cheque, Bank Guarantee, Demand Draft**

G. Review of Procurement Decisions

BDS Clause Number 17
ITB Number 24.1

Grievence against this procurement shall be submitted online on **EPADS v2.0**.

Eligibility Criteria

All Active Taxpayers shall be eligible to participate in the procurement process, unless expressly excluded or otherwise restricted under the Eligibility Criteria specified by the Procuring Agency.

Required Registration
FBR (NTN)
FBR (GSTN)

Evaluation Criteria

Least Cost Based Selection (LCBS)

Weightage

Technical Evaluation %
100

Technical Marks	100
Passing Marks	70
Technical Evaluation Criteria	
Company Profile (Quantitative)(Doc Required) 5 or more years **(10)** 4 years **(8)** 3 years **(6)** 2 years **(4)** 1 year **(2)**	10
Experience by Service bidder to submit documentary evidence (assignments, client references) of relevant experience specific to each service area listed below. Marks are awarded separately per LOT; 1. Billing / IBS 2. AMI / MDM 3. CCMS / CRM The b	
Experience (Qualitative)(Doc Required)	60
Financial Business — a list of clients to whom the bidder has done or been doing same nature of business (consultancy services on technology solution evaluation) during the last 3 years, along with their Names, Addresses, and Phone Numbers. List to b	

Financial Business (Quantitative)(Doc Required) 200 Million to 300 Million **(15)** 100 Million to 200 Million **(10)** Less than 100 Million **(5)**	15
Proposed Team Composition — the consultant shall propose their own team structure including roles, qualifications (relevant qualification in I.T) and relevant experience per service. PITC may provide a suggested sample structure as guidance only.	
Experience ≥ 3 years per person: 5 points Experience ≤ 3 years and > 2 years per person: 3 points Experience ≤ 2 years and > 1 year per person: 2 points (Qualitative) (Doc Required)	15

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Required Services

Positions Without Lots :

Position	Delivery Schedule	Quantity	Bid Security
Lot-A: Integrated Billing System (IBS)	**Address:** Building No. 3 Lower Ground Aiwan-E-Iqbal Complex Edgerton Road Lahore **Schedule:** 150 days **Quantity:** 1/Qty **Quantity:** 1 Qty	1/Qty	100000 PKR
Lot-B: Customer Complaint Management System (CCMS)	**Address:** Lower Ground Building No. 3, Aiwan-E-Iqbal Complex, Edgerton Road, Lahore **Schedule:** 150 days **Quantity:** 1/Qty **Quantity:** 1 Qty	1/Qty	100000 PKR
Lot-C: Meter Data Management Software (MDM)	**Address:** Lower Ground Building No. 3, Aiwan-E-Iqbal Complex, Edgerton Road, Lahore **Schedule:** 150 days **Quantity:** 1/Qty **Quantity:** 1 Qty	1/Qty	100000 PKR

Related Services :

No

TORS (Terms of References)

Positions Without Lots :

Position: Lot-A: Integrated Billing System (IBS)

TORs (Terms of Reference):

Attached at Annexure-A

Position: Lot-B: Customer Complaint Management System (CCMS)

TORs (Terms of Reference):

Attached at Annexure-B

Position: Lot-C: Meter Data Management Software (MDM)

TORs (Terms of Reference):

Attached at Annexure-C

Brief Description

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Acquisition of consultancy services for a comprehensive features comparison exercise of the following in-house developed software solutions against globally recognized and industry-leading alternatives:

1. **Integrated Billing System (IBS)**
2. **Customer Complaint Management System (CCMS)**
3. **Meter Data Management Software (MDM)**

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Price Schedule

For Individual Positions

#	Position Title	Quantity	Unit Price (PKR)	Total Price (PKR)	Delivery Location	Delivery Period / Year	Country of Origin
1							
2							

For Lots

#	Lot Title	Total Lot Price (PKR)	Country of Origin
1	[Lot 1 Title]		

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

General Conditions of Contract

A. General Provisions

1. **Definitions**

Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

1.1. "**Affiliate(s)**" means an individual or an entity that directly or indirectly controls, is controlled by, or is under common control with the Consultant.

1.2. "**Applicable Law**" means the laws and any other instruments having the force of law in Pakistan or as may be specified in the Special Conditions of Contract (SCC), as they may be issued and in force from time to time.

1.3. "**Consultant**" means an individual consultant or a consulting firm as the case may be;

1.4. "**Contractor's Personnel**" means personnel whom the Contractor utilizes in the execution of its contract, including the staff, labor and other employees of the Contractor and each subcontractor; and any other personnel assisting the Contractor in the execution of the contract to be supervised by the Consultant (if applicable).

1.5. "**Day**" means calendar day unless indicated otherwise.

1.6. "**Effective Date**" means the date on which this Contract comes into force and effect pursuant to Clause GCC 11.

1.7. "**Experts**" means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or JV member(s) assigned by the Consultant to perform the Services or any part thereof under the Contract.

1.8. "**Foreign Currency**" means any currency other than the Pakistani Rupees.

1.9. "**GCC**" means these General Conditions of Contract.

1.10. "**Government**" means the Government of Pakistan.

1.11. "**Joint Venture (JV)**" means an association with or without a legal personality distinct from that of its members, of more than one entity where one member has the authority to conduct all businesses for and on behalf of any and all the members of the JV, and where the members of the JV are jointly and severally liable to the Procuring Agency for the performance of the Contract.

1.12. "**Key Expert(s)**" means an individual professional whose skills, qualifications, knowledge and experience are critical to the performance of the Services under the Contract and whose Curricula Vitae (CV) was taken into account in the technical evaluation of the Consultant's proposal.

1.13. "**Local Currency**" means the currency of Pakistan

1.14. "**Non-Key Expert(s)**" means an individual professional provided by the Consultant or its Sub-consultant to perform the Services or any part thereof under the Contract.

1.15. "**Party**" means the Procuring Agency or the Consultant, as the case may be, and "Parties" means both of them.

1.16. Procuring Agency's Personnel" refers to the staff, labor and other employees (if any) of the Procuring Agency engaged in fulfilling the Procuring Agency's obligations under the Contract; and any other personnel identified as Procuring Agency's Personnel, by a notice from the Procuring Agency to the Consultant

1.17. "**Proposal**" means the Technical Proposal and/or the Financial Proposal of the Consultant.

1.18. "**RFP**" means the Request for Proposals to be prepared by the Procuring Agency for the selection of consultants, based on the SRFP.

1.19. "**SCC**" means the Special Conditions of Contract by which the GCC may be amended or supplemented but not over-written.

1.20. "**Site**" (if applicable) means the land and other places where Works are to be executed or facilities to be installed, and such other land or places as may be specified in the Contractor's Contract as forming part of the Site.

1.21. "**SRFP**" means the Standard Request for Proposals, which must be used by the Procuring Agency as the basis for the preparation of the RFP.

1.22. "**Sub-consultants**" means an entity to whom/which the Consultant subcontracts any part of the Services while remaining solely liable for the execution of the Contract.

1.23. "**Third Party**" means any person or entity other than the Government, the Procuring Agency, the Consultant or a Sub-consultant.

1.24. "**TORs**" means the Terms of Reference that explain the objectives, scope of work, activities, and tasks to be performed, respective responsibilities of the Procuring Agency and the Consultant, and expected results and deliverables of the assignment.

2. **Relationship between the Parties**

2.1. Nothing contained herein shall be construed as establishing a relationship of master and servant or of principal and agent as between the Procuring Agency and the Consultant. The Consultant, subject to this Contract, has complete charge of the Experts and Sub-consultants, if any, performing the Services and shall be fully responsible for the Services performed by them or on their behalf hereunder.

3. **Law Governing Contract**

3.1. The contract shall be governed and interpreted in accordance with the laws of Pakistan, unless otherwise specified in SCC.

4. **Language**

4.1. The Contract as well as all correspondence and documents relating to the Contract exchanged between the Consultant and the Procuring Agency, shall be written in the English language unless otherwise stated in the SCC. Supporting documents and printed literature that are part of the Contract may be in another language provided these are accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Contract, this translation shall govern.

5. **Headings**

5.1. The headings shall not limit, alter or affect the meaning of this Contract.

6. **Communications**

6.1. Any communication required or permitted to be given or made pursuant to this Contract shall be in writing in the language specified in Clause GCC 4. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the address specified in the SCC.

6.2. A Party may change its address for notice hereunder by giving the other Party any communication of such change to the address specified in the SCC.

7. Location

7.1. The Services shall be performed at such locations as are specified in Appendix A hereto and, where the location of a particular task is not so specified, at such locations, whether in the Government's country or elsewhere, as the Procuring Agency may approve.

8. **Authority of Member in Charge**

8.1. In case the Consultant is a Joint Venture, the members hereby authorize the member specified in the SCC to act on their behalf in exercising all the Consultant's rights and obligations towards the Procuring Agency under this Contract, including without limitation the receiving of instructions and payments from the Procuring Agency.

9. **Authorized Representatives**

9.1. Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the Procuring Agency or the Consultant may be taken or executed by the officials specified in the SCC.

10. **Fraud and Corruption**

10.1. Public Procurement Regulatory Authority requires that Procuring Agencies (including beneficiaries of Government funded projects) as well as Applicants/Bidders/Suppliers/Contractors under Government financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts in accordance with the requirement of Procurement Regulatory Framework

B. Commencement, Completion, Modification and Termination of Contract

11. **Effectiveness of Contract**

11.1. This Contract shall come into force and effect on the date (the "Effective Date") of the Procuring Agency's notice to the Consultant instructing the Consultant to begin carrying out the Services. This notice shall confirm that the effectiveness conditions, if any, listed in the SCC have been met.

12. **Termination of Contract for Failure to Become Effective**

12.1. If this Contract has not become effective within such time period after the date of Contract signature as specified in the SCC, either Party may, by not less than twenty two (22) days written notice to the other Party, declare this Contract to be null and void, and in the event of such a declaration by either Party, neither Party shall have any claim against the other Party with respect hereto.

13. **Commencement of Services**

13.1. The Consultant shall confirm availability of Key Experts and begin carrying out the Services not later than the number of days after the Effective Date specified in the SCC.

14. **Expiration of Contract**

14.1. Unless terminated earlier pursuant to Clause GCC 19 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC.

15. **Entire Agreement**

15.1. This Contract contains all covenants, stipulations and provisions agreed by the Parties. No agent or representative of either Party has authority to make, and the Parties shall not be bound by or be liable for, any statement, representation, promise or agreement not set forth herein.

16. **Modifications or Variations**

16.1. Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties. However, each Party shall give due consideration to any proposals for modification or variation made by the other Party.

16.2. In cases of any modifications or variations, the prior written consent of the Procuring Agency is required.

17. **Force Majeure**

17.1. **Definition**

17.1.1. For the purposes of this Contract, “Force Majeure” means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and makes a Party’s performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible under the circumstances, and subject to those requirements, includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions, strikes, lockouts or other industrial action confiscation or any other action by Government agencies.

17.1.2. Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or such Party’s Experts, Sub-consultants or agents or employees, nor (ii) any event which a diligent Party could reasonably have been expected to both take into account at the time of the conclusion of this Contract, and avoid or overcome in the carrying out of its obligations hereunder.

17.1.3. Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.

17.2. **No Breach of Contract**

17.2.1. The failure of a Party to fulfill any of its obligations hereunder shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event has taken all reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Contract.

17.3. **Measures to be Taken**

17.3.1. A Party affected by an event of Force Majeure shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall take all reasonable measures to minimize the consequences of any event of Force Majeure.

17.3.2. A Party affected by an event of Force Majeure shall notify the other Party of such event as soon as possible, and in any case not later than fourteen (14) calendar days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.

17.3.3. Any period within which a Party shall, pursuant to this Contract, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

17.3.4. During the period of their inability to perform the Services as a result of an event of Force Majeure, the Consultant, upon instructions by the Procuring Agency, shall either:

17.3.4.1. demobilize, in which case the Consultant shall be reimbursed for additional costs they reasonably and necessarily incurred, and, if required by the Procuring Agency, in reactivating the Services; or

17.3.4.2. continue with the Services to the extent reasonably possible, in which case the Consultant shall continue to be paid under the terms of this Contract and be reimbursed for additional costs reasonably and necessarily incurred.

17.3.5. In the case of disagreement between the Parties as to the existence or extent of Force Majeure, the matter shall be settled according to Clauses GCC 49& 50.

18. **Suspension**

18.1. The Procuring Agency may, by written notice of suspension to the Consultant, suspend all payments to the Consultant hereunder if the Consultant fails to perform any of its obligations under this Contract, including the carrying out of the Services, provided that such notice of suspension (i) shall specify the nature of the failure, and (ii) shall request the Consultant to remedy such failure within a period not exceeding thirty (30) calendar days after receipt by the Consultant of such notice of suspension.

19. **Termination**

19.1. This Contract may be terminated by either Party as per provisions set up below:

a) **By the Procuring Agency**

19.1.1. The Procuring Agency may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (f) of this Clause. In such an occurrence the Procuring Agency shall give at least thirty (30) days' written notice of termination to the Consultant in case of the events referred to in (a) through (d); at least sixty (60) days' written notice in case of the event referred to in (e); and at least five (5) days' written notice in case of the event referred to in (f):

(a) If the Consultant fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension pursuant to Clause GCC 18;

(b) If the Consultant becomes (or, if the Consultant consists of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary;

(c) If the Consultant fails to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause GCC 49

(d) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) days;

(e) If the Procuring Agency, in its sole discretion and for any reason whatsoever, decides to terminate this Contract;

(f) If the Consultant fails to confirm availability of Key Experts as required in Clause GCC 13.

19.1.2. if the Consultant, in the judgment of the Procuring Agency has engaged in Fraud and Corruption, in competing for or in executing the Contract, then the Procuring Agency may, after giving fourteen (14) calendar days written notice to the Consultant, terminate the Consultant's employment under the Contract.

19.2. **By the Consultant**

The Consultant may terminate this Contract, by not less than thirty (30) days' written notice to the Procuring Agency, in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause.

(a) If the Procuring Agency fails to pay any money due to the Consultant pursuant to this Contract and not subject to dispute pursuant to Clauses GCC 49.1 within forty-five (45) days after receiving written notice from the Consultant that such payment is overdue.

(b) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) days.

(c) If the Procuring Agency fails to comply with any final decision reached as a result of arbitration pursuant to Clause GCC 49.1.

(d) If the Procuring Agency is in material breach of its obligations pursuant to this Contract and has not remedied the same within forty-five (45) days (or such longer period as the Consultant may have subsequently approved in writing) following the receipt by the Procuring Agency of the Consultant's notice specifying such breach.

19.3. **Cessation of Rights and Obligations**

Upon termination of this Contract pursuant to Clauses GCC 12 or GCC 19 hereof, or upon expiration of this Contract pursuant to Clause GCC 14, all rights and obligations of the Parties hereunder shall cease, except

(i) such rights and obligations as may have accrued on the date of termination or expiration,

(ii) the obligation of confidentiality set forth in Clause GCC 22,

(iii) the Consultant's obligation to permit inspection, copying and auditing of their accounts and records set forth in Clause GCC 25 and to cooperate and assist in any inspection or investigation, and (iv) any right which a Party may have under the Applicable Law.

19.4. **Cessation of Services**

19.4.1. Upon termination of this Contract by notice of either Party to the other pursuant to Clauses GCC 19a or GCC 19b, the Consultant shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum. With respect to documents prepared by the Consultant and equipment and materials furnished by the Procuring Agency, the Consultant shall proceed as provided, respectively, by Clauses GCC 27 or GCC 28.

19.5. **e.Payment upon Termination**

Upon termination of this Contract, the Procuring Agency shall make the following payments to the Consultant:
(a) remuneration for Services satisfactorily performed prior to the effective date of termination, and reimbursable expenditures for expenditures actually incurred prior to the effective date of termination; and pursuant to Clause 43;
(b) in the case of termination pursuant to paragraphs (d) and (e) of Clause GCC 19.1.1, reimbursement of any reasonable cost incidental to the prompt and orderly termination of this Contract, including the cost of the return travel of the Experts.

C. Obligations of the Consultant

20. **General**

20.1. **Standard of Performance**

20.1.1. The Consultant shall perform the Services and carry out the Services with all due diligence, efficiency and economy, in accordance with generally accepted professional standards and practices, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Contract or to the Services, as a faithful adviser to the Procuring Agency, and shall at all times support and safeguard the Procuring Agency's legitimate interests in any dealings with the third parties.

20.1.2. The Consultant shall employ and provide such qualified and experienced Experts and Sub-consultants as are required to carry out the Services.

20.1.3. The Consultant may subcontract part of the Services to an extent and with such Key Experts and Sub-consultants as may be approved in advance by the Procuring Agency

20.2. **Law Applicable to Services**

20.2.1. The Consultant shall perform the Services in accordance with the Contract and in accordance with the Law of Pakistan and shall take all practicable steps to ensure that any of its Experts and Sub-consultants, comply with the Applicable Law.

21. **Conflict of Interests**

21.1. The Consultant shall hold the Procuring Agency's interest's paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.

21.1.1. **Consultant Not to Benefit from Commissions, Discounts, etc.**

21.1.1.1. The payment of the Consultant pursuant to GCC F (Clauses GCC 42 through 47) shall constitute the Consultant's only payment in connection with this Contract and, subject to Clause GCC 21.1.3, the Consultant shall not accept for its own benefit any trade commission, discount or similar payment in connection with activities pursuant to this Contract or in the discharge of its obligations hereunder, and the Consultant shall use its best efforts to ensure that any Sub-consultants, as well as the Experts and agents of either of them, similarly shall not receive any such additional payment.

21.1.1.2. Furthermore, if the Consultant, as part of the Services, has the responsibility of advising the Procuring Agency on the procurement of goods, works or services. Any discounts or commissions obtained by the Consultant in the exercise of such procurement responsibility shall be for the account of the Procuring Agency.

21.1.2. **Consultant and Affiliates Not to Engage in Certain Activities**

21.1.2.1. The Consultant agrees that, during the term of this Contract and after its termination, the Consultant and any entity affiliated with the Consultant, as well as any Sub-consultants and any entity affiliated with such Sub-consultants, shall be disqualified from providing goods, works or non-consulting services resulting from or directly related to the Consultant's Services for the preparation or implementation of the project, unless otherwise indicated in the SCC.

21.1.3. **Prohibition of Conflicting Activities**

21.1.3.1. The Consultant shall not engage, and shall cause its Experts as well as its Sub-consultants not to engage, either directly or indirectly, in any business or professional activities that would conflict with the activities assigned to them under this Contract.

21.1.4. **Strict Duty to Disclose Conflicting Activities**

21.1.4.1. The Consultant has an obligation and shall ensure that its Experts and Sub-consultants shall have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of their Procuring Agency, or that may reasonably be perceived as having this effect. Failure to disclose said situations may lead to the disqualification of the Consultant or the termination of its Contract.

22. **Confidentiality**

22.1. Except with the prior written consent of the Procuring Agency, the Consultant and the Experts shall not at any time communicate to any person or entity any confidential information acquired in the course of the Services, nor shall the Consultant and the Experts make public the recommendations formulated in the course of, or as a result of, the Services.

23. **Liability of the Consultant**

23.1. Subject to additional provisions, if any, set forth in the SCC, the Consultant's liability under this Contract shall be as determined under the Applicable Law.

24. **Insurance to be Taken out by the Consultant**

24.1. The Consultant (i) shall take out and maintain, and shall cause any Sub-consultants to take out and maintain, at its (or the Sub-consultants', as the case may be) own cost but on terms and conditions approved by the Procuring Agency, insurance against the risks, and for the coverage specified in the SCC, and (ii) at the Procuring Agency's request, shall provide evidence to the Procuring Agency showing that such insurance has been taken out and maintained and that the current premiums therefore have been paid. The Consultant shall ensure that such insurance is in place prior to commencing the Services as stated in Clause GCC 13.

25. **Accounting, Inspection and Auditing**

25.1. The Consultant shall keep, and shall make all reasonable efforts to cause its Sub-consultants to keep, accurate and systematic accounts and records in respect of the Services in such form and detail as will clearly identify relevant time changes and costs.

25.2. Pursuant to paragraph 1.23 (e) of Attachment 1 to the General Conditions, the Consultant shall permit and shall cause its agents (where declared or not), subcontractors, sub-consultants, service providers, suppliers, and personnel, to permit, the procuring agency to inspect the site and/or the accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have such accounts, records and other documents. The Consultant's and its Subcontractors' and sub-consultants' attention is drawn to Sub-Clause 10.1 (Fraud and Corruption) which provides, inter alia, that acts intended to materially impede the exercise of the Procuring Agency's inspection and audit rights constitute a prohibited practice subject to contract termination.

26. **Reporting Obligations**

26.1. The Consultant shall submit to the Procuring Agency the reports and documents specified in Appendix A, in the form, in the numbers and within the time periods set forth in the said Appendix.

27. **Proprietary Rights of the Procuring Agency in Reports and Records**

27.1. Unless otherwise indicated in the SCC, all reports and relevant data and information such as maps, diagrams, plans, databases, other documents and software, supporting records or material compiled or prepared by the Consultant for the Procuring Agency in the course of the Services shall be confidential and become and remain the absolute property of the Procuring Agency. The Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the Procuring Agency, together with a detailed inventory thereof. The Consultant may retain a copy of such documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Procuring Agency.

27.2. If license agreements are necessary or appropriate between the Consultant and third parties for purposes of development of the plans, drawings, specifications, designs, databases, other documents and software, the Consultant shall obtain the Procuring Agency's prior written approval to such agreements, and the Procuring Agency shall be entitled at its discretion to require recovering the expenses related to the development of the program(s) concerned. Other restrictions about the future use of these documents and software, if any, shall be

specified in the SCC.

28. **Equipment, Vehicles and Materials**

28.1. Equipment, vehicles and materials made available to the Consultant by the Procuring Agency, or purchased by the Consultant wholly or partly with funds provided by the Procuring Agency, shall be the property of the Procuring Agency and shall be marked accordingly. Upon termination or expiration of this Contract, the Consultant shall make available to the Procuring Agency an inventory of such equipment, vehicles and materials and shall dispose of such equipment, vehicles and materials in accordance with the Procuring Agency's instructions. While in possession of such equipment, vehicles and materials, the Consultant, unless otherwise instructed by the Procuring Agency in writing, shall insure them at the expense of the Procuring Agency in an amount equal to their full replacement value.

28.2. Any equipment or materials brought by the Consultant or its Experts into the Procuring Agency's country for the use either for the project or personal use shall remain the property of the Consultant or the Experts concerned, as applicable.

29. **Code of Conduct**

29.1. The Procuring Agencies and the Consultant are bound to follow the Code of Ethics to be issued by the Authority.

D. Consultant's Experts and Sub-Consultants

30. **Description of Key Experts**

30.1. The title, agreed job description, minimum qualification and time-input estimates to carry out the Services of each of the Consultant's Key Experts are described in Appendix B.

30.2. If required to comply with the provisions of Clause GCC 20a, adjustments with respect to the estimated time-input of Key Experts set forth in Appendix B may be made by the Consultant by a written notice to the Procuring Agency, provided (i) that such adjustments shall not alter the original time-input estimates for any individual by more than 10% or one week, whichever is larger; and (ii) that the aggregate of such adjustments shall not cause payments under this Contract to exceed the ceilings set forth in Clause GCC 42.2.

30.3. If additional work is required beyond the scope of the Services specified in Appendix A, the estimated time-input for the Key Experts may be increased by agreement in writing between the Procuring Agency and the Consultant. In case where payments under this Contract exceed the ceilings set forth in Clause GCC 42.2, the Parties shall sign a Contract amendment.

31. **Replacement of Key Experts**

31.1. Except as the Procuring Agency may otherwise agree in writing, no changes shall be made in the Key Experts.

31.2. Notwithstanding the above, the substitution of Key Experts during Contract execution may be considered only based on the Consultant's written request and due to circumstances outside the reasonable control of the

Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall forthwith provide as a replacement, a person of equivalent or better qualifications and experience, and at the same rate of remuneration.

32. **Approval of Additional Key Experts**

32.1. If during execution of the Contract, additional Key Experts are required to carry out the Services, the Consultant shall submit to the Procuring Agency for review and approval a copy of their Curricula Vitae (CVs). If the Procuring Agency does not object in writing (stating the reasons for the objection) within twenty two (22) days from the date of receipt of such CVs, such additional Key Experts shall be deemed to have been approved by the Procuring Agency.
The rate of remuneration payable to such new additional Key Experts shall be based on the rates for other Key Experts position which require similar qualifications and experience.

33. **Removal of Experts or Sub-consultants**

33.1. If the Procuring Agency finds that any of the Experts or Sub-consultant has committed serious misconduct or has been charged with having committed a criminal action, or shall the Procuring Agency determine that a Consultant's Expert or Sub-consultant has engaged in Fraud and Corruption while performing the Services, the Consultant shall, at the Procuring Agency's written request, provide a replacement.

33.2. In the event that any of Key Experts, Non-Key Experts or Sub-consultants is found by the Procuring Agency to be incompetent or incapable in discharging assigned duties, the Procuring Agency, specifying the grounds therefore, may request the Consultant to provide a replacement.

33.3. Any replacement of the removed Experts or Sub-consultants shall possess better qualifications and experience and shall be acceptable to the Procuring Agency.

34. **Replacement/ Removal of Experts – Impact on Payments**

34.1. Except as the Procuring Agency may otherwise agree, (i) the Consultant shall bear all additional travel and other costs arising out of or incidental to any removal and/or replacement, and (ii) the remuneration to be paid for any of the Experts provided as a replacement shall not exceed the remuneration which would have been payable to the Experts replaced or removed.

35. **Working Hours, Overtime, Leave, etc.**

35.1. Working hours and holidays for Experts are set forth in Appendix B. To account for travel time to/from the Procuring Agency's country, experts carrying out Services inside the Procuring Agency's country shall be deemed to have commenced or finished work in respect of the Services such number of days before their arrival in, or after their departure from, the Procuring Agency's country as is specified in Appendix B.

35.2. The Experts shall not be entitled to be paid for overtime nor to take paid sick leave or vacation leave except as specified in Appendix B, and the Consultant's remuneration shall be deemed to cover these items.

35.3. Any taking of leave by Key Experts shall be subject to the prior approval by the Consultant who shall ensure that absence for leave purposes will not delay the progress and or impact adequate supervision of the Services.

E. Obligations of the Procuring Agency

36. Assistance and Exemptions

36.1. Unless otherwise specified in the SCC, the Procuring Agency shall use its best efforts to:

36.1.1. Assist the Consultant with obtaining work permits and such other documents as shall be necessary to enable the Consultant to perform the Services.

36.1.2. Facilitate prompt clearance through customs of any property required for the Services and of the personal effects of the Experts and their eligible dependents.

36.1.3. Issue to officials, agents and representatives of the Government all such instructions and information as may be necessary or appropriate for the prompt and effective implementation of the Services.

36.1.4. Assist the Consultant and the Experts and any Sub-consultants employed by the Consultant for the Services with obtaining exemption from any requirement to register or obtain any permit to practice their profession or to establish themselves either individually or as a corporate entity in the Procuring Agency's country according to the applicable law in the Procuring Agency's country.

36.1.5. Assist the Consultant, any Sub-consultants and the Experts of either of them with obtaining the privilege, pursuant to the applicable law in the Procuring Agency's country, of bringing into the Procuring Agency's country reasonable amounts of foreign currency for the purposes of the Services or for the personal use of the Experts and of withdrawing any such amounts as may be earned therein by the Experts in the execution of the Services.

36.1.6. Provide to the Consultant any such other assistance as may be specified in the SCC.

37. **Access to Project Site**

37.1. The Procuring Agency warrants that the Consultant shall have, free of charge, unimpeded access to the project site in respect of which access is required for the performance of the Services. The Procuring Agency will be responsible for any damage to the project site or any property thereon resulting from such access and will indemnify the Consultant and each of the experts in respect of liability for any such damage, unless such damage is caused by the willful default or negligence of the Consultant or any Sub-consultants or the Experts of either of them.

38. **Change in the Applicable Law Related to Taxes and Duties**

38.1. If, after the date of this Contract, there is any change in the applicable law in the Procuring Agency's country with respect to taxes and duties which increases or decreases the cost incurred by the Consultant in performing the Services, then the remuneration and reimbursable expenses otherwise payable to the Consultant under this Contract shall be increased or decreased accordingly by agreement between the Parties hereto, and corresponding adjustments shall be made to the ceiling amounts specified in Clause GCC 42.2.

39. **Services, Facilities and Property of the Procuring Agency**

39.1. The Procuring Agency shall make available to the Consultant and the Experts, for the purposes of the Services and free of any charge, the services, facilities and property described in the Terms of Reference (Appendix A) at the times and in the manner specified in said Appendix A.

39.2. In case that such services, facilities and property shall not be made available to the Consultant as and when specified in Appendix A, the Parties shall agree on (i) any time extension that it may be appropriate to grant to the Consultant for the performance of the Services, (ii) the manner in which the Consultant shall procure any such services, facilities and property from other sources, and (iii) the additional payments, if any, to be made to the Consultant as a result thereof pursuant to Clause GCC 42.3.

40. **Counterpart Personnel**

40.1. The Procuring Agency shall make available to the Consultant free of charge such professional and support counterpart personnel, to be nominated by the Procuring Agency with the Consultant's advice, if specified in Appendix A.

40.2. If counterpart personnel are not provided by the Procuring Agency to the Consultant as and when specified in Appendix A, the Procuring Agency and the Consultant shall agree on (i) how the affected part of the Services shall be carried out, and (ii) the additional payments, if any, to be made by the Procuring Agency to the Consultant as a result thereof pursuant to Clause GCC 42.3.

40.3. Professional and support counterpart personnel, excluding Procuring Agency's liaison personnel, shall work under the exclusive direction of the Consultant. If any member of the counterpart personnel fails to perform adequately any work assigned to such member by the Consultant that is consistent with the position occupied by such member, the Consultant may request the replacement of such member, and the Procuring Agency shall not unreasonably refuse to act upon such request.

41. **Payment Obligation**

41.1. In consideration of the Services performed by the Consultant under this Contract, the Procuring Agency shall make such payments to the Consultant and in such manner as is provided by GCC F below.

F. Payments to the Consultant

42. **Ceiling Amount**

42.1. An estimate of the cost of the Services is set forth in Appendix C (Remuneration) and Appendix D (Reimbursable expenses).

42.2. Payments under this Contract shall not exceed the ceilings in foreign currency and in local currency specified in the SCC.

42.3. For any payments in excess of the ceilings specified in GCC42.2, an amendment to the Contract shall be signed by the Parties referring to the provision of this Contract that evokes such amendment.

43. **Remuneration and Reimbursable Expenses**

43.1. The Procuring Agency shall pay to the Consultant (i) remuneration that shall be determined on the basis of time actually spent by each Expert in the performance of the Services after the date of commencing of Services or such other date as the Parties shall agree in writing; and (ii) reimbursable expenses that are actually and reasonably incurred by the Consultant in the performance of the Services.

43.2. All payments shall be at the rates set forth in Appendix C and Appendix D.

43.3. Unless the SCC provides for the price adjustment of the remuneration rates, said remuneration shall be fixed for the duration of the Contract.

43.4. The remuneration rates shall cover: (i) such salaries and allowances as the Consultant shall have agreed to pay to the Experts as well as factors for social charges and overheads (bonuses or other means of profit-sharing shall not be allowed as an element of overheads), (ii) the cost of backstopping by home office staff not included in the Experts' list in Appendix B, (iii) the Consultant's profit, and (iv) any other items as specified in the SCC.

43.5. Any rates specified for Experts not yet appointed shall be provisional and shall be subject to revision, with the written approval of the Procuring Agency, once the applicable remuneration rates and allowances are known.

44. **Taxes and Duties**

44.1. The Consultant, Sub-consultants and Experts are responsible for meeting any and all tax liabilities arising out of the Contract unless it is stated otherwise in the SCC.

44.2. As an exception to the above and as stated in the SCC, all local identifiable indirect taxes (itemized and finalized at Contract negotiations) are reimbursed to the Consultant or are paid by the Procuring Agency on behalf of the Consultant.

45. **Currency of Payment**

45.1. Any payment under this Contract shall be made in the currency(ies) specified in the SCC.

46. **Mode of Billing and Payment**

46.1. Billings and payments in respect of the Services shall be made as follows:
(a) Advance payment. Within the number of days after the Effective Date, the Procuring Agency shall pay to the Consultant an advance payment as specified in the SCC. Unless otherwise indicated in the SCC, an advance payment shall be made against an advance payment bank guarantee acceptable to the Procuring Agency in an amount (or amounts) and in a currency (or currencies) specified in the SCC. Such guarantee (i) is to remain effective until the advance payment has been fully set off, and (ii) is to be in the form set forth in Appendix E, or in such other form as the Procuring Agency shall have approved in writing. The advance payments will be set off by the Procuring Agency in equal installments against the statements for the number of months of the Services specified in the SCC until said advance payments have been fully set off.
(b) The Itemized Invoices. As soon as practicable and not later than fifteen (15) days after the end of each calendar month during the period of the Services, or after the end of each time interval otherwise indicated in the SCC, the Consultant shall submit to the Procuring Agency, in duplicate, itemized invoices, accompanied by the receipts or other appropriate supporting documents, of the amounts payable pursuant to Clauses GCC 45 and GCC 46 for such interval, or any other period indicated in the SCC. Separate invoices shall be submitted for expenses incurred in foreign currency and in local currency. Each invoice shall show remuneration and reimbursable

expenses separately.

(c) The Procuring Agency shall pay the Consultant's invoices within sixty (60) days after the receipt by the Procuring Agency of such itemized invoices with supporting documents. Only such portion of an invoice that is not satisfactorily supported may be withheld from payment. Should any discrepancy be found to exist between actual payment and costs authorized to be incurred by the Consultant, the Procuring Agency may add or subtract the difference from any subsequent payments.

(d) The Final Payment .The final payment under this Clause shall be made only after the final report and a final invoice, identified as such, shall have been submitted by the Consultant and approved as satisfactory by the Procuring Agency. The Services shall be deemed completed and finally accepted by the Procuring Agency and the final report and final invoice shall be deemed approved by the Procuring Agency as satisfactory ninety (90) calendar days after receipt of the final report and final invoice by the Procuring Agency unless the Procuring Agency, within such ninety (90) calendar day period, gives written notice to the Consultant specifying in detail deficiencies in the Services, the final report or final invoice. The Consultant shall thereupon promptly make any necessary corrections, and thereafter the foregoing process shall be repeated. Any amount that the Procuring Agency has paid or has caused to be paid in accordance with this Clause in excess of the amounts payable in accordance with the provisions of this Contract shall be reimbursed by the Consultant to the Procuring Agency within thirty (30) days after receipt by the Consultant of notice thereof. Any such claim by the Procuring Agency for reimbursement must be made within twelve (12) calendar months after receipt by the Procuring Agency of a final report and a final invoice approved by the Procuring Agency in accordance with the above.

(e) All payments under this Contract shall be made to the accounts of the Consultant specified in the SCC.

(f) With the exception of the final payment under (d) above, payments do not constitute acceptance of the Services nor relieve the Consultant of any obligations hereunder.

47. **Interest on Delayed Payments**

47.1. If the Procuring Agency had delayed payments beyond fifteen (15) days after the due date stated in Clause GCC 46.1 (c), interest shall be paid to the Consultant on any amount due by, not paid on, such due date for each day of delay at the annual rate stated in the SCC.

G. Fairness and Good Faith

48. **Good Faith**

48.1. The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract.

H. Settlement of Disputes

49. **Amicable Settlement**

49.1. Any dispute of any kind whatsoever shall arise between the Procuring Agency and the Service Provider in connection with or arising out of the Contract, including without prejudice to the generality of the foregoing, any question regarding its existence, validity or termination, or the execution of the Project –whether during

developing phase or after their completion and whether before or after the termination, abandonment or breach of the Contract – the parties shall seek to resolve any such dispute or difference by mutual consultation. If the parties fail to resolve such a dispute or difference even after negotiations or mediation, then the dispute shall be referred within fourteen (14) days in writing by either party to the Arbitrator, with a copy to the other party.

49.2. Any dispute in respect of which a notice of intention to commence arbitration has been given, in accordance with GCC sub-clause 45.1, shall be finally settled by arbitration. Arbitration may be commenced prior to or after completion of the Project. Arbitration proceedings shall be conducted in accordance with Arbitration Act 1940.

49.3. Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree that the Procuring Agency shall pay the Service Provider any monies due the Service Provider.

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Special Conditions of Contract

SPECIAL CONDITIONS OF CONTRACT

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

Number of GC Clause

Amendments of, and Supplements to, Clauses in the General Conditions of Contract>

Number of GC Clause 3.1

The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan

Number of GC Clause 4.1

The language is **English**

Number of GC Clause 6.1 and 6.2

The addresses are:

The Procuring Agency is: Power Information Technology Company (PITC) (Power Information Technology Company (PITC)), Director General Room # 405, WAPDA House., Lahore City, Lahore (District), Lahore Division (Division), Punjab (Province).

The Consultant Address:

The title of the subject procurement is:FEATURE COMPARISON OF IN-HOUSE DEVELOPED SOFTWARE'S WITH OFF THE SHELF SYSTEMS / SOFTWARE'S AVAILABLE IN THE POWER/UTILITY SECTOR (NATIONAL AND INTERNATIONAL)

Number of GC Clause 8.1

[Note: If the Consultant consists only of one entity, state "N/A";Or

The Lead Member on behalf of the JV is _____ _____ *[insert name of the member]*

Number of GC Clause 9.1

The Authorized Representatives are:

For the Procuring Agency:

Power Information Technology Company (PITC) (Power Information Technology Company (PITC)), Director General
Room # 405, WAPDA House., Lahore City, Lahore (District), Lahore Division (Division), Punjab (Province).
+92-335-444-5133
adnan@pitc.com.pk

For the Bidder:

Name: ……

Designation: ……..

Address: ……..

Number of GC Clause 11.1

[Note: If there are no effectiveness conditions, state "N/A"]OR

List here any conditions of effectiveness of the Contract]

The effectiveness conditions are the following: *[insert "N/A" or list the conditions]*

Termination of Contract for Failure to Become Effective:

The time period shall be _____ *[insert time period, e.g.: four months]*.

Commencement of Services:

The number of days shall be_____ *[e.g.: ten]*.

Confirmation of Key Experts' availability to start the Assignment shall be submitted to the Procuring Agency in writing as a written statement signed by each Key Expert.

Expiration of Contract:

The time period shall be _____ *[insert time period, e.g.: twelve months]*.

Number of GC Clause 23

Liquidated Damages

If the Bidder fails to provide services as required under the contract or in case of any data loss/data breach or any incident compromising the data security or other such failures related to any services, the Bidder shall pay to the Procuring Agency as Liquidated Damages at a rate of **2.00%** to **10.00%** of the Contract value, in accordance with the extent of performance failure & the cost of investigating such incidents as judged by the Authority.

Number of GC Clause 23.1

No additional provisions.

The following limitation of the Consultant's Liability towards the Procuring Agency can be subject to the Contract's negotiations:

Number of GC Clause 24

Performance Guarantee:
Instrument of Performance Guarantee shall be in the Name of : **Power Information Technology Company (PITC)**

The amount of performance guarantee shall be 10.00% of the contract price in acceptable form of Pay Order, Banker's Cheque, Bank Guarantee, Demand Draft

Number of GC Clause 24.1

The insurance coverage against the risks shall be as follows:

(a) Professional liability insurance, with a minimum coverage of _____ *[insert amount and currency which should be not less than the total ceiling amount of the Contract]*;

Number of GC Clause 33. Removal of Experts or Sub-consultants

[Note to Procuring Agency: include the following for supervision of infrastructure contracts (such as Plant or Works) and for other consulting service where the social risks are substantial or high, otherwise delete.]

Price adjustment on the remuneration : Nil *[**insert*** **"applies"** *or* **" does not apply"*]***

The currency of payment shall be the following: *PKR*

[The advance payment could be in either the foreign currency, or the local currency, or both; select the correct wording in the Clause here below. The advance bank payment guarantee should be in the same currency(ies)]

The following provisions shall apply to the advance payment and the advance bank payment guarantee:

Following is the guidance for Dispute Resolution

i. If any dispute of any kind whatsoever shall arise between the Authority and the Bidder in connection with or arising out of the Contract, including without prejudice to the generality of foregoing, any question regarding its existence, validity, termination and the execution of the Contract – whether during developing phase or after their completion and whether before or after the termination, abandonment or breach of the Contract – the parties shall seek to resolve any such dispute or difference by mutual diligent negotiations in good faith within 14 (fourteen) days following a notice sent by one Party to the other Party in this regard**.**

ii. At future of negotiation the dispute shall be resolved through mediation and mediator shall be appointed with the mutual consent of the both parties**.**

iii. At the event of failure of mediation to resolve the dispute relating to this contract such dispute shall finally be resolved through binding Arbitration by sole arbitrator in accordance with Arbitration Act 1940. The arbitrator shall be appointed by mutual consent of the both parties**.** The Arbitration shall take place in Islamabad, Pakistan and proceedings will be conducted in English language.

iv. The cost of the mediation and arbitration shall be shared by the parties in equal proportion however the both parties shall bear their own costs and lawyer's fees regarding their own participation in the mediation and arbitration. However, the Arbitrator may make an award of costs upon the conclusion of the arbitration making any party to the dispute liable to pay the costs of another party to the dispute**.**

v. Arbitration proceedings as mentioned in the above clause regarding resolution of disputes may be commenced prior to, during or after completion of the contract.

Notwithstanding any reference to the arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree that the Authority shall pay the Bidder any monies due to the Bidder.

Arbitrator's fee:

The fee shall be specified in Pak Rupees, as determined by the Arbitrator, which shall be shared equally by both parties**.**

Appointing Authority for Arbitrator:

By the Mutual Consent or in accordance with the provisions of Arbitration Act, 1940, in case the parties fail to reach a consensus on the name of sole arbitrator, any party may submit an application to the Chief Justice Islamabad High Court for appointment of sole arbitrator. The Chief Justice IHC may appoint a former judge of any High Court or Supreme Court as the sole arbitrator to resolve the dispute between the parties.

Rules of procedure for arbitration proceedings:

Any dispute between the Authority and a Bidder who is a national of the Islamic Republic of Pakistan arising in connection with the present Contract shall be referred to adjudication or arbitration in accordance with the laws of the Islamic Republic of Pakistan including Arbitration Act 1940, however above provision shall prevail in referring the case to the Arbitrator.

Place of Arbitration and Award:

The arbitration shall be conducted in English language and place of arbitration shall be at Islamabad. The award of the arbitrator shall be final and shall be binding on the parties.

Bid Securing Declaration

Bid Securing Declaration

Date: *[insert date (as day, month and year)]*

Bid No.:***P114028***

To: **Power Information Technology Company (PITC) (Power Information Technology Company (PITC)), Director General Room # 405, WAPDA House., Lahore City, Lahore (District), Lahore Division (Division), Punjab (Province).**

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid Securing Declaration.

We accept that we will be blacklisted and henceforth cross debarred for participating in respective category of public procurement proceedings for a period of (not more than) six months, if fail to abide with a bid securing declaration, however without indulging in corrupt and fraudulent practices, if we are in breach of our obligation(s) under the Bid conditions, because we:

1. have withdrawn or modified our Bid during the period of Bid Validity specified in the Form of Bid;

2. Disagreement to arithmetical correction made to the Bid price; or

3. having been notified of the acceptance of our Bid by the Procuring Agency during the period of Bid Validity, (i) failure to sign the contract if required by Procuring Agency to do so or (ii) fail or refuse to furnish the Performance Security or to comply with any other condition precedent to signing the contract specified in the Bidding Documents.

We understand this Bid Securing Declaration shall expire if we are not the successful

Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight (28) days after the expiration of our Bid.

Contract Form

FORM OF CONTRACT

This CONTRACT (hereinafter called the "Contract") is made the *[number]* day of the month of *[month]*, *[year]*, between, on the one hand, *[name of Procuring Agency or Recipient]* (hereinafter called the "Procuring Agency") and, on the other hand, *[name of Consultant]* (hereinafter called the "Consultant").

[If the Consultant consist of more than one entity, the above should be partially amended to read as follows: "…(hereinafter called the "Procuring Agency") and, on the other hand, a Joint Venture consisting of the following entities, each member of which will be jointly and severally liable to the Procuring Agency for all the Consultant's obligations under this Contract, namely, *[name of member]* and *[name of member]* (hereinafter called the "Consultant").]

WHEREAS

1. the Procuring Agency has requested the Consultant to provide certain consulting services as defined in this Contract (hereinafter called the "Services");

2. the Consultant, having represented to the Procuring Agency that it has the required professional skills, expertise and technical resources, has agreed to provide the Services on the terms and conditions set forth in this Contract;

3. the Procuring Agency has received [*or* has applied for] a loan [*or* credit *or* grant] from the *[Insert as appropriate:)]* toward the cost of the Services and intends to apply a portion of the proceeds of this [loan/credit/grant] to eligible payments under this Contract, it being understood that (i) payments will be made only at the request of the Procuring Agency; (ii) such payments will be subject, in all respects, to the terms and conditions of the [loan/financing/grant] agreement, including prohibitions of withdrawal from the [loan/credit/grant] account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import.

NOW THEREFORE the parties hereto hereby agree as follows:

The following documents attached hereto shall be deemed to form an integral part of this Contract:

- The General Conditions of Contract
- The Special Conditions of Contract;
- Appendices: Appendix
    - Terms of Reference Appendix
    - Key Experts Appendix
    - Remuneration Cost Estimates Appendix)
    - Reimbursable Cost Estimates Appendix
    - Form of Advance Payments Guarantee

In the event of any inconsistency between the documents, the following order of precedence shall prevail: the Special Conditions of Contract; the General Conditions of Contract, including Attachment 1; Appendix A;

Appendix B; Appendix C and Appendix D; and Appendix E. Any reference to this Contract shall include, where the context permits, a reference to its Appendices.

2. The mutual rights and obligations of the Procuring Agency and the Consultant shall be as set forth in the Contract, in particular:

(a) the Consultant shall carry out the Services in accordance with the provisions of the Contract; and

(b) the Procuring Agency shall make payments to the Consultant in accordance with the provisions of the Contract.

IN WITNESS WHEREOF, the Parties hereto have caused this Contract to be signed in their respective names as of the day and year first above written.

For and on behalf of *[Name of Procuring Agency]*

[Authorized Representative of the Procuring Agency – name, title and signature]

For and on behalf of *[Name of Consultant or Name of a Joint Venture]*

[Authorized Representative of the Consultant – name and signature]

[For a joint venture, either all members shall sign or only the lead member, in which case the power of attorney to sign on behalf of all members shall be attached.]

For and on behalf of each of the members of the Consultant [insert the name of the Joint Venture]

[Name of the lead member]

[Authorized Representative on behalf of a Joint Venture]

[add signature blocks for each member if all are signing]

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Integrity Pact

Integrity Pact

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

Contract Number: Contract Value: Contract Title:

Dated:

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

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

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

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

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

Performance Guarantee Form

Performance Guarantee Form

To: **Power Information Technology Company (PITC) (Power Information Technology Company (PITC)), Director General Room # 405, WAPDA House., Lahore City, Lahore (District), Lahore Division (Division), Punjab (Province).**

WHEREAS *[name of Bidder]* (hereinafter called "the Bidder") has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated *[insert date]* for provision of Goods*(*hereinafter called "the Contract").

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

AND WHEREAS we have agreed to give the Bidders guarantee:

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

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

Signature and seal of the Guarantors

_____

[name of bank or financial institution]

_____

[address]

_____

[date}

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Annexure

Information (Read-Only)

See Form Under Additional Forms and Documents: **PITC RFP** (page number: 67)

Annexure-A

Information (Read-Only)

See Form Under Additional Forms and Documents: **Annexure-A** (page number: 78)

Annexure-B

Information (Read-Only)

See Form Under Additional Forms and Documents: **Annexure-B** (page number: 82)

Annexure-C

Information (Read-Only)

See Form Under Additional Forms and Documents: **Annexure-C** (page number: 87)

Annexure-D

Information (Read-Only)

See Form Under Additional Forms and Documents: **Annexure-D** (page number: 91)

Annexure-E

Technical Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Annexure-E** (page number: 93)

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Procurement Forms

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

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(PPRA)
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Additional Forms and Documents

POWER INFORMATION TECHNOLOGY COMPANY

TENDER DOCUMENT

FOR

FEATURE COMPARISON OF IN-HOUSE DEVELOPED SOFTWARE'S WITH OFF THE SHELF SYSTEMS / SOFTWARE'S AVAILABLE IN THE POWER/UTILITY SECTOR (NATIONAL AND INTERNATIONAL)

TENDER NO. PITC/G-224(127)/11-2026

CONTACT:

D.G (I&N)	Ph: 042-99202666
Address:	Lower Ground, Building #3, Aiwan-e-Iqbal Complex, Edgerton, Road Lahore
Email:	dgin@pitc.com.pk
Website	www.pitc.com.pk

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

ABRIDGMENT

1. Recipient:	CEO (PITC)
2. Venue:	PITC Conference Room, Lower Ground, Building # 3, Aiwan-E-Iqbal Complex, Edgerton Road Lahore.
3. Pre-Bid Meeting	27-11-2026 (11:00 AM)
4. Closing Date& Time:	07-12-2026 (11:00 AM)
5. Opening Date &Time:	07-12-2026 (11:30 AM)
6. Type	Single Stage One Envelope
7. Bid Security:	300,000/- (Three Hundred Thousand Only)
8. Performance Security	10% of the total value of quoted cost after award of contract to successful bidder

SERVICES REQUIRED:

PITC required services of renowned consultancy firms to conduct a comprehensive feature comparison exercise of the following in-house developed software solutions against globally recognized and industry-leading alternatives:

1. **Integrated Billing System (IBS)**
2. **Customer Complaint Management System (CCMS)**
3. **Meter Data Management Software (MDM)**

Quotations are invited from the potential dealing consultancy firms / companies for feature comparison of the following in-house developed software solutions against globally recognized and industry-leading alternatives:

1. **Integrated Billing System (IBS)**
2. **Customer Complaint Management System (CCMS)**
3. **Meter Data Management Software (MDM)**

1. Background

The Power Information Technology Company (PITC), under the Ministry of Energy (Power Division), provides core ICT services to all Power Distribution Companies (DISCOs) in Pakistan. PITC's key operational software ecosystems the Integrated Billing System (IBS), Customer Complaint Management System (CCMS), and AMI services are pivotal components of the national power sector digitalization program.

Given the technological evolution in global energy IT ecosystems, PITC aims to engage a renowned international or national consulting firm to conduct an independent technical, functional, and performance benchmarking study of these three systems. The goal is to evaluate their quality, speed, and efficiency, and benchmark them against industry leaders such as Oracle Utilities CCB, SAP IS-U, and Indra's Energy Suite, as well as leading CRM/MDM platforms (e.g., Salesforce Utilities Cloud, Itron Enterprise Edition, Siemens EnergyIP).

2. Objectives

The specific objectives of the consultancy are to:

i. Assess the technical and functional maturity of PITC's IBS, Customer Care, and AMI systems.

ii. Benchmark these systems against industry standards in terms of quality, speed, and efficiency.

iii. Identify technical and architectural gaps that impact throughput, response time, and reliability.

iv. Develop a comprehensive strategy and roadmap for modernization, performance optimization, and alignment with international standards for Advanced Metering Infrastructure (AMI), customer care, and billing automation.

v. Cost comparison of PITC's centralized utility software's with industry standards software's in-line with comprehensive completeness of compliance with CSM as approved by regulator.

3. Scope of Work

The Consultant will execute the following work streams, each with clearly defined activities and deliverables:

3.1 Functional & Process Benchmarking

Perform feature-by-feature mapping and benchmarking against global reference systems.

System	Benchmark Reference	Functional Domains
IBS (Billing System)	Oracle Utilities CCB, SAP IS-U, INDRA Energy Suite and any other	Comparison of all functional modules not limited to: tariff management, billing engine accuracy, rate configuration, batch processing, revenue protection, and other relevant features against industry standard solutions, and vice versa
Customer Care	Oracle CRM, Salesforce Utilities Cloud, INDRA CRM and any other	Comparison of all functional modules not limited to: Omni-channel complaint logging, IVR integration, SLA tracking, analytics dashboard, and other relevant features against industry standard solutions, and vice versa
AMI System (MDM)	Oracle MDM, Itron Enterprise Edition, Siemens EnergyIP and any other.	Comparison of all functional modules not limited to: VEE (Validation, Estimation, Editing), event handling, interoperability, real-time AMI data handling, and other relevant features against industry standard solutions, and vice versa

Each functional domain shall be benchmarked based on ISO/IEC 25010 Software Quality Model parameters:

- Functional Suitability
- Performance Efficiency
- Compatibility & Interoperability
- Usability
- Reliability & Availability
- Maintainability
- Portability

3.2 Technical Assessment

Conduct a detailed technical review of the existing PITC applications, focusing on:

i. System Architecture Review

a) Layered architecture (presentation, application, database)

b) Integration mechanisms (API gateways, message queues, REST/SOAP web services)

c) Use of micro services, middleware, or monolithic design patterns.

d) Data flow diagrams, schema design, normalization levels, and performance tuning

ii. Network and Infrastructure Assessment

a) Assess bandwidth, switches, cables etc.
b) Hardware assessment (compute, RAM, storage)
c) VMs specs

iii. Application Environment Analysis

a) Development technology stack (e.g., Laravel, .NET, Java, etc.) and compatibility with emerging technologies.

b) Deployment topology (centralized vs distributed; MPLS/VPN connectivity)

c) Scalability model (horizontal vs vertical scaling; multi-tenancy support)

iv. Database and Data Management

a) Database normalization, indexing strategy, partitioning, and stored procedure efficiency

b) Historical and transactional data handling (data archiving and purging policy)

c) Replication, backup, disaster recovery (DR) and failover mechanisms

v. Security & Compliance

a) Authentication/authorization protocols (OAuth2.0, SSO, LDAP)

b) Encryption standards (AES256, TLS 1.3, PKI)

c) Audit trail, role-based access control (RBAC), and compliance with ISO/IEC 27001

vi. Integration Review

a) System-to-system communication across PITC applications

b) External interfaces with banks, NADRA, AMI devices, ERP and IVR systems.

c) Message exchange formats (JSON/XML), data synchronization frequency, and error handling.

3.3 Performance, Speed & Efficiency Analysis

Conduct a quantitative technical performance benchmarking using empirical and analytical methods

i. Performance Testing

a) Response time under load (transactions/sec).

b) System throughput under peak and off-peak loads.

c) Batch processing latency for billing cycles and complaint assignments.

d) Time-to-read and validate 1Milllion to 35 Million meter reads (MDM efficiency).

ii. Efficiency Indicators

a) Average complaint resolution time (Customer Care).

b) Average billing cycle closure time (IBS).

c) Smart meter read success rate and event handling delay (MDM).

iii. Resource Utilization Analysis

a) CPU, memory, and network utilization metrics under defined workloads.

b) Database query optimization ratio and caching mechanisms.

c) Application runtime profiling and code bottleneck identification.

iv. Benchmarking Tools

a) Use of tools such as JMeter, Postman, Grafana, Prometheus, or equivalent for load and performance measurement.

3.4 Gap Analysis and Comparative Scorecard

Develop a multi-dimensional benchmarking matrix comparing PITC's applications with selected national/international systems.

Domain	KPI	Description
Functional Coverage	% of features comparable to global standards	Breadth of features vs Oracle/SAP/INDRA and other industry standard baseline
Performance	Transactions per second / latency	Efficiency of core modules
Scalability	Horizontal scaling, containerization support	Ability to scale with load
Security & Compliance	ISO/IEC 27001 alignment	Data protection and audit
Maintainability	Code modularity, documentation, versioning	Developer ecosystem health
Interoperability	API readiness and standard data model (CIM/IEC 61968)	System integration maturity

4. Deliverables

Deliverable	Description	Week
D1	Inception Report & Work Plan (Methodology, Tools, KPIs)	Week 2
D2	Current-State Technical Assessment Report	Week 6
D3	Feature & Performance Benchmarking Report	Week 14
D4	Comparative Scorecard, Gap Analysis and Cost comparison of selected products used to benchmark with PITC products	

5. Duration and Timelines

The entire engagement shall be completed within five (05) months**,** with intermediate milestone reviews by PITC's technical committee.

6. Expertise and Team Composition

The consulting firm shall deploy a multi-disciplinary team comprising of the resources with at least 05 years of relevant experience.

7. Confidentiality and Data Protection

The Consultant will sign a Non-Disclosure Agreement (NDA) and ensure data anonymization and encryption. All proprietary code, data, and documents will remain the property of PITC.

8. Reporting and Coordination

The Consultant will:

- Conduct independent meetings with at least 05 clients (DISCOs) of PITC.
- Take input from Ministry of Energy (Power Division) & other stakeholders
- Provide weekly progress reports and participate in review meetings.
- Deliver final report to ICT Committee.

9. Instructions to the Bidder

9.1. Quoted rates should be firm and final inclusive all type of applicable taxes.

9.2. The bidding process will be **single stage one envelope** (PPRA 36(a)). Bidders are required to submit technical and financial proposals in single sealed envelope. Firms will be evaluated on the basis of criteria as per para-7 of this RFQ.

9.3. The bidders shall furnish Rs. 300,000/- (Three hundred thousand only) bid security as a part of their tenders in form of Bank Draft or Pay Order in favour of Power Information Technology Company, to be enclosed in the envelop of financial bid. The same will be released to the unsuccessful bidder.

9.4. Competent Authority reserves the right to accept or reject any offer without assigning any reason. The offer received incomplete or not in accordance with the conditions/specifications/TORs will not be entertained. The proposal offered is likely to be ignored if: -

9.4.1. The proposal is unsigned (all pages should be signed).

9.4.2. It is received after the time and date fixed for its receipt.

9.4.3. Offer is ambiguous or conditional.

9.4.4. The offer is from a firm who is blacklisted by PEPCO, WAPDA or any other government organization, or is in litigation with any government organization or is defaulter in any previous order and/or contract.

9.4.5. The offer is unsolicited.

9.4.6. The bid is not accompanied with bid security.

9.5. The tender proposals prepared by the bidders should comprise of the following documents:-

9.5.1. Covering letter.

9.5.2. Receipt of tender document cost and bid security.

9.5.3. Bill of quantities provided with tender document duly filled, signed and stamped.

10. Terms and Conditions

10.1. This is fixed time assignment to be completed within five (05) months from date of assignment.

10.2. The quoted price must be firm, final, inclusive of all taxes, transportation charges etc. in Pak Rupees.

10.3. The purchaser is not bound to accept the lowest offer not fulfilling the requisite criteria. The reasons for rejecting the lowest or any offer shall not necessarily be communicated.

10.4. Price will remain valid for at least 90 days from the date of opening of bids.

10.5. If the bidder fails to perform the services within five months, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 2% of the value of the Services, supplied beyond stipulated delivery schedule.

10.6. The consultant shall submit the final report to the ICT Committee of PITC. Acceptance shall be based on ICT Committee review and recommendation to the Board of Directors.

10.7. The bidder will sign Non-Discourse Agreement (NDA) and integrity pact with PITC

11. Schedule of Services

The Services shall be required to be completed within four (04) months after the issuance of Work Order.

12. Evaluation Criteria

Bidder as a part of his bid shall provide the following depending upon applicability: -

12.1. A list showing the location of head office along with those of branch offices.

12.2. A list of clients to whom the bidder has done or been doing same nature business during last 3 years along with their Names, Addresses and Phone Numbers.

13. Evaluation Formula

13.1. Single stage one envelope procedure is opted in evaluation of the bids, The total points for bid evaluation are 100.

13.2. The bidder will be declared technically qualified if score of technical factors is 70% or more. The technical factors are defined at clause-15.

13.3. The contract will be awarded to technically qualified firm who will be financially lowest.

14. Terms of Payment

Payment shall be made directly by consignees within thirty days, from the date of receipt of invoice, on production of following documents:

a. Invoice having NTN.
b. Services provided working satisfactory certificate.
c. Feature Comparison Report
d. Sales Tax Invoice (if not exempted) or attach exemption certificate.
e. Non-payment certificate.

15. Technical Evaluation Formula

Technical responsiveness will be determined by evaluating the following factors.

Sr.#	Factors	Max. Score
A	**Mandatory Factors**	
	Registration/Incorporation/Business Certificate	
	Valid Necessary Tax Registrations	
	Undertaking to the effect that bidder is not blacklisted and rendered ineligible for corrupt and fraudulent practices by any Government (Federal, Provincial or Local) or a public-sector organization/Division/Ministry (Annexure-E).	
B	**Bidder**	
I.	**Company Profile**	**10**
	Age of Company (2 marks per year)	10
II.	**Experience by Service** **bidder to submit documentary evidence (assignments, client references) of relevant experience specific to each service area listed below.** **Marks are awarded separately per LOT;** **1. Billing / IBS** **2. AMI / MDM** **3. CCMS / CRM** **The bidder may be asked to submit/present its experience to PITC technical committee**	**60**
III.	**Financial Business — a list of clients to whom the bidder has done or been doing same nature of business (consultancy services on technology solution evaluation) during the last 3 years, along with their Names, Addresses, and Phone Numbers. List to be provided bifurcated into the following slabs:**	**15**
	Less than 100 Million (5 marks)	
	100 Million to 200 Million (10 marks)	
	200 Million to 300 Million (15 marks)	
IV.	**Proposed Team Composition — the consultant shall propose their own team structure including roles, qualifications (relevant qualification in I.T) and relevant experience per service. PITC may provide a suggested sample structure as guidance only.**	**15**
	Experience ≥ 3 years per person: 5 points	
	Experience ≤ 3 years and > 2 years per person: 3 points	
	Experience ≤ 2 years and > 1 year per person: 2 points	
	S.No | **Name** | **Post** | **Qualification** | **Total Experience** | **Experience with** | **Service Assigned**	

Sr.#	Factors							Max. Score
						Present Employer	(Billing / AMI-MDM / CCMS)	
	Total							100

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

BILL OF QUANTITIES

SERVICE DESCRIPTION	
Acquisition of consultancy services for a comprehensive features comparison exercise of the following in-house developed software solutions against globally recognized and industry-leading alternatives:	
SERVICE DESCRIPTION	**Charges (Inclusive of all Taxes) PKR**
Lot-A: Integrated Billing System (IBS)	
Lot-B: Customer Complaint Management System (CCMS)	
Lot-C: Meter Data Management Software (MDM)	

Note: Bidder can participate in all or in any lot.

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

"Annexure-A"

Integrated Billing System (IBS)

The current IBS application (IBS ecosystem) comprise of 11 decentralized and distributed applications and providing DISCOs with the following automated billing system feature(s).

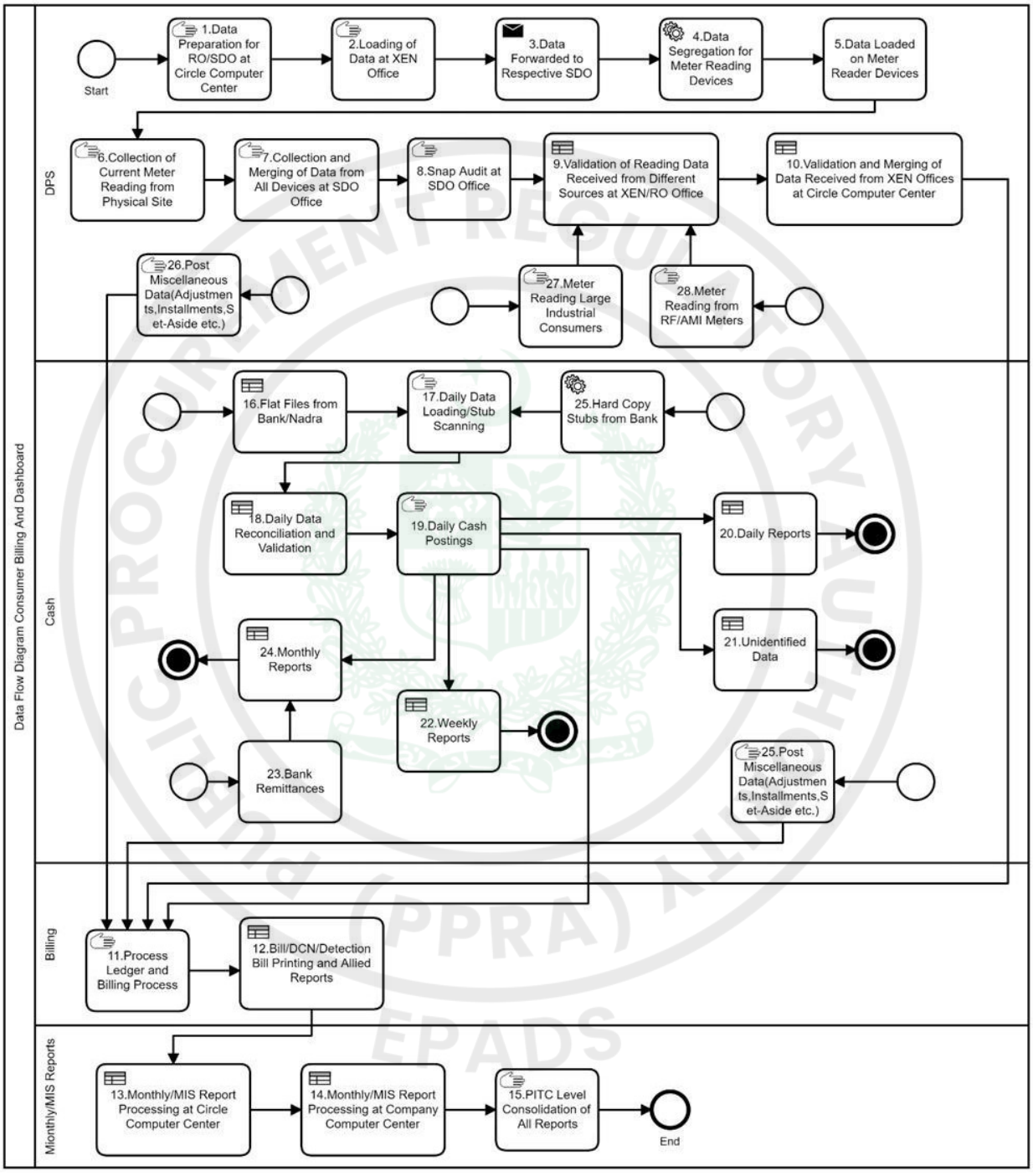
Sample Feature List

Sr.	Application Name	Application Feature
1.	**Integrated Billing** System **(IBS)**	Responsible for Billing of All Tariffs Notified by NEPRA
		Provision of Billing at CC/Circle/Division Level
		Corporate Billing Facility
		Relational Database Design of IBS
		Integration with level 1 Application
		Deployed at MPLS Connectivity
		Integration with Legacy Cobol System Using Text Files
		Initial Take-up Procedure for Data Migration from other systems
		Desktop Modules for Fast Data Entry, Cash Scanning
		Barcode Base Scanning of Paid Bills
		Text Files Bills Integration with NADRA/Banks for Online Payments
		IBS can be Integrated with ERP, SAP, GIS and new Connection System.
2.	**Electricity New Connection (ENC)**	Online New Connection, Change of Name, Change of Tariff & Load extension Application submission with required documents.
		Online tracking of the Application status.
		Easy access (web base application) & working methodology for Officers & related staff hence promoting the 'Ease of Doing Business' motives of Ministry of Energy.
		Demand Notice's Online Payment integration with Bank's Payment Gateway (i.e.; Bank Alfalah etc.)
		Live Dashboards/Reports for Management's various levels
		SMS alerts as Application moves along various stages.
		API base (JSON) integration and file base (csv) data export mechanism for Sending data to Revenue Officer for billing
3.	**Mobile Meter Reading System (MMRS)**	Android based mobile meter reading application for meter reading staff. It is kept as risk mitigation plan if smart meter due to technical glitch or communication issue does not send reading.

		Meter reading along with meter picture which is encrypted and is in Base 64.
		Provides an option to update the tenant information if there is change
		Offers an option for door to door survey foe cleansing of data
4.	**Consumer Profile (CP)**	Provide Basic, Billing, Adjustment Meter Consumption Information to Field Offices
		Application Provide Historical Data
		Historical Data Provide Consumer Wise
		User Rights Assigned Level Wise Users Like (CC, Circle, Subdivision and Division)
		API Integration with Other Applications to Provide Data on Consumer Profile Application to Field Offices.
5.	**Monthly/Daily Dashboard**	Billing and Recovery (From different Angles e.g. Billing Month, Calendar Month, Due Date Wise etc.)
		Arrears analysis reports
		Line Losses Reports
		Performance Reports w.r.t Bill Adjustments, Defective meters, Meter replacement etc.
6.	**Snap Audit System**	Import Data Files and images
		Generate report
7.	**IBS Duplicate Bill**	Bill print, Bill download
		API for Roshan Pakistan App
		Printing of four snaps on bill

8.	**Level 1**	Data loading from text files
		Online Data loading
		Snap Auditing
		Process Miscellaneous Transactions
		General Pre Billing
		MDI Pre Billing
		Un-posting Process of Miscellaneous Transactions
		Export Data to text files
		Export data to tables by DB link
		Change Main Date process
		DB Backup
		Delete main date and Meter reading
9.	**Consumer Information System**	CIS_MR Application is used to load the TVX files in IBS System created from LEVEL-1 Application
		It also includes meter reading forms which is used for meter reading entry and meter reading corrections
		In the file menu there are two options for change password
		Meter Reading Menu have entry form menu
		Meter Reading Entry Selection Form, Select the Batch and the concerned Division
		The application supports several data loading forms of miscellaneous transactions i.e. CP-21C,CP-34C,CP- 136, CP137,CP-52, CP-138,CP-93,cp-52,CP-52T, CP-136D
10.	**IBS PC Bill Application**	Upload of General Batches from live oracle database to local SQL Server database
		Upload of Industrial Batches from live oracle database to local SQL Server database
		Upload of Code Tables from Oracle Server
		Provision of Selected Bills Uploading for General Consumer Batch wise
		Provision of Selected Bills Uploading for Industrial Consumer Batch wise
		Multithreaded user interface
		Printing of consumers bills through batch / circle / division / sub division wise Reference No / Bill No Department Wise
		Provision of direct printing and PDF creation
		Client Server and local connectivity run in both modes.
11.	**Month End Reporting (MND)**	MIS/MND Data Preparation/Processing/Reports
		Provide Historical Data and Current Billing Month Data.
		Application Integration with CP and Billing System.
		Generate All Level Reports like (Consumer Level,

		Feeder Level, Govt. Level, Private, Region, Sub Division, All Pakistan Level and Company Level).
		Show Errors in red on Interface and Exception Recording.



"Annexure-B"

Customer Complaint Management System (CCMS)

The customer complaint management system (CCMS) along with 300 seats call centre is implemented for all DISCOs of power sector having 118 and 8118 short codes. The customers interact with an IVR (interactive voice recording) in 7 languages and can access the information required. The customer can register complaint using 8118 SMS option or sending email email at ccms@pitc.com.pk, register via web portal at ccms.pitc.com.pk or walk in flow or using Mobile App (Smart) for complaints registration in DISCO complaint center/ field operation one window office.

1. Complaint Handling Process:

1.1 Complaint Logging:

a) Calls land on (118 short code) and will be replied by call center agent with automated call management software.
b) Complaint is registered in the database using web based solution.
c) Customers can register using 8118 SMS short code "14 digit reference No.+ Issue"
d) Customer can lodge complaint using web portal
e) Customer can use Mobile App (Smart) for complaints registration and tracking
f) Customer can walk in to Complaint Center / Facilitation Center where staff enters complaint in CCMS
g) An automated Ticket No. is generated and sent via SMS to customer

1.2 Complaint Assignment:

a) Complaint registered in system automatically lands in respective SDO offices of DISCOS.
b) TAC will assign the complaint to Lineman
c) CCMS automatically also sends an SMS to the concerned TAC/officer (phone nos. provided by DISCO and registered in the system).
d) Assigned complaints are also available on the dashboard of the concerned office/sub-division
e) An SMS is also sent to complainant.

1.3 Complaint Resolution:

a) Concerned TAC/office mark the complaint "Resolved" after working on the complaint as per allocated time using portal account in CCMS application
b) Concerned TAC may also mark the complaint as resolved via SMS to 8118 (TicketNo.+R)
c) Concerned TAC can also mark the complaint "On Hold" in case there is a delay in resolution because of any legitimate reason.

2. Call Centre(Back Office) 118:

118 back office agent is configured with an open-source ASTERISK calling solution where IVR is configured with 7 local regional languages (Urdu, English, Punjabi, Pashto, Balochi, Sindhi, Saraiki) with following IVR (interactive voice recording) system features.

IVR - IPCC	Options	multilingual
Main Menu	1	Bill Information
	2	Load shedding Information
	3	Self-Complaints

	4	Theft Reporting
	5	Track Complaints
	0	Call Center Agent
	*	Repeat Menu
Sub Key Features	(3)	**Self-Complaints**
	1	Power Outage
	2	Power Fluctuation
	3	Excess Billing
	0	Call center
	*	Repeat Menu

3. CCMS Application:

CCMS is centralized in house developed CRM which provide full scale automated complaints redressal.
The complaints registration, resolution and tracking will be systematically structured as:

- Customer complaints reach Utility company offices through multiple registration channels
- Immediate allocation of complaint to staff by TAC
- Complaint resolution spontaneous update and feedback to customer
- Visibility to consumer with live status of complaint resolution
- Monitoring by Director Complaints at DISCOs on KPIs for strict accountability

The customers at Utility company can register complaints and get information (billing, load shedding) via

- Calling 118 Interactive Voice Recording (IVR) in 7 regional languages
- Sending SMS to 8118 and email to https://ccms.pitc.com.pk
- Via web portal https://ccms.pitc.com.pk/complaint
- Walk in customer handling at Utility company
- Power Smart mobile Apps [single click] complaint registration and consumer visibility on complaints resolution
- Emergency calling, customer call will be connected by agent to safety department for immediate mobilization of Utility company teams to minimize or stop the potential damage
- Customer can register complaint if there is a complaint type not listed in the system using "Other" option
- Robotic calling feedback from customer upon complaint resolution and reopen if not resolved

The complaints monitoring will be as:

- Monitoring of KPIs (avg. complaint allocation time to lineman, avg. complaint resolution time by field offices as per endorsed timeline of NEPRA and reopen complaints by consumers) through CCMS portal
- KPIs reporting is available on CCMS for Director complaints

4. CCMS Sample Features(s):

CCMS application is based on total 16 main features divided into 102 no. of sub features with active functionalities configured in 16 different roles and rights as given:

5.1 Sample Main Features:

Sr.	Features
1	Dashboard
2	System
3	Organization
4	Print Complaints
5	Safety Complaints
6	Tier-1 Complaints
7	All Complaints
8	Messaging
9	Reports
10	Performance Reports
11	Ministry Reports
12	FCC Module
13	CCMC Reports
14	Feeder Module
15	Phone Book
16	Monitoring Reports

5.2 Sample Sub Features:

Sr.	Sub Features
1	User Management
2	Module Management
3	Permission Management
4	Role Management
5	Source
6	Nature
7	Complaint Type
8	Manage Tac
9	Manage SMS
10	Verify Customer
11	Escalations
12	Blocked IP'S
13	Api Configuration
14	Imports
15	Agent Manager
16	EOps Control
17	Organization Type
18	Unit
19	Complaints
20	Total Complaints
21	Total Reopen
22	Source Report
23	Type Report

24	All
25	Search
26	New
27	Pending
28	Onhold
29	Resolved
30	Closed
31	Reopen
32	Bulk Resolve
33	SMS
34	Chat
35	Chat History
36	Sms Template
37	Feeder SMS Broadcast
38	Complaints Status Summary
39	Category Wise Summary Reports
40	Average Handle Time Report
41	Escalation wise Resolved Report
42	Complaints Status Summary Reopened
43	Summary Reports
44	Monthly Cases Reports
45	Subdivision Wise Escalated Summary Report
46	Complaints Status Detailed
47	Complaint Nature Wise DISCO's Status
48	Subdivision Wise Complaint Type Summary Report
49	Complaint Category Wise DISCO's Status
50	Disco Wise Complaint Sources Report
51	Category Wise Quaterly Resolved Report
52	Agent Reports
53	Complaint Type Reopened Summary Report
54	CCMS 8118 SMS Monthly History
55	Login History
56	Reopened Complaints Analysis
57	Performance Daily Report
58	Escalation Guide
59	Dashboard Complaints
60	Dashboard All Complaints
61	Dashboard Agent Progress
62	Complaints Summarized DISCO's
63	Complaints Status Summary DISCO's
64	Complaints Progressive Summary DISCO's
65	Complaint Nature Wise Sources Resolution Summary Report
66	Complaints Percentage Summary DISCO's
67	Complaint Nature Wise Summary DISCO's
68	Complaint Category Wise Summary DISCO's

69	Sub Division Wise Complaints Resolved Summary
70	Sub Division Wise Complaints Resolved Details
71	Ministry Dashboard
72	Top Management Dashboard
73	Complaints Summary Dashboard
74	Agents Detail Dashboard
75	Nature wise Reopen Complaints
76	Monitoring Report (FCC)
77	FCC Monitoring & Search
78	Complaints Status
79	Resolved Complaints
80	Pending Complaints
81	Once Reopen Cases
82	Redressed Reports
83	Login History Report
84	Consumer Information
85	Complaints Status CCMC
86	Complaints Category wise
87	Complaints Location wise
88	Load Shedding
89	PTW
90	Fls type
91	Fls Unit
92	Type
93	Contacts
94	Additional SMS Number
95	Total Complaints
96	Total Reopen
97	Source Report
98	Type Report
99	Subdivision Wise Reopen
100	Monitoring Report
101	Mean Time Report
102	Mean Time Report (Detailed)

"Annexure-C"

Meter Data Management (MDM) Software

The MDM is a core component of the AMI system, responsible for managing vast amounts of metering data while ensuring its accuracy, integrity, and security. It provides:

- Real-time data collection, storage, and analysis for precise energy consumption monitoring.
- Support on-demand smart meter operations, including remote connect/disconnect, tariff updates, enhancing operational efficiency and customer responsiveness.
- Anomaly detection and predictive analytics to optimize energy usage, detect fraud, and improve grid performance.
- Encryption and authentication protocols to ensure secure data handling and compliance with industry standards.

This software facilitates integration of data of multiple MDCs designed on common standard. It also facilitates different reporting and analytics. The purpose of this software is to make sure that every MDC based on a specific standard named "Universal Data Integration Layer" can be used using this centralized tool. The ultimate objective of MDM is to ensure integration of multiple vendors on common standard and pave the way forward for integration of Central Software with multiple MDCs.

MDM Sample Feature(s) List

The list of MDM feature(s) are as under:

Sr.	MAIN FEATUTE		SUB FEATURES	SECONDARY SUB-FEATURES
1	Layout of User Interface	1	Utility company Hierarchy	
		2	Customer & Meter Info	
		3	Load Profile & Billing Data	
		4	Menu Bar	
		5	Search Bar	
		6	Reporting	
		7	Critical Pane	
2	Access Management	1	Role Management	Create New Role
				View, Edit and Delete Role
				Search Roles
				Export Roles to PDF, Excel, and CSV file format
		2	User Creation	Create User
				Clear, Session, View User, Edit User and Delete User
				Search User
				Export User to PDF, Excel, and CSV file format
3	Customer Pane Filters	1	Filter Transformer wise	
		2	Filter Tariff wise	
		3	Filter Meter Type wise	
		4	Filter Manufacturer wise	

		5	Filter Batch wise	
4	Customer Status			
5	Meter Status			
6	Global Search			
7	Customer & Meter Information			
8	Metering Data Reads	1	Instantaneous Data	
		2	Load Profile Data	
		3	Daily Reads	
		4	Monthly Billing Reads	
		5	Event / Alarm Reads	
9	On Demand Operations	1	On Demand Data Read	
		2	On Demand Parameter Read	
		3	Write Request Commands	
		4	Write Request of Sanction Load Program	
10	Bulk Operations			
11	Critical Pane			
12	GIS Mapping			
13	Workflow Functionality	1	Workflow Operations	Service Connection Order (SCO)
				Create APMS Unit
				Meter Change Order (MCO)
				Temporary Disconnection Order-TDCO
				Transfer Customers
				Disconnection Order to Removal Equipment (DCO-RE)
				Permanent Disconnection Order–PDCO
				Reconnection Order - RCO
				Change Attributes
		2	Workflow Management	Cancel SCO
				SCO Management
				MCO (AMR~AMR) Management
				TDCO Management
				DCO-RE Management
				PDCO Management
				RCO Management
				Transfer Customer Management
				Change Attributes Management
14	Energy Auditing			
15	Multi Lingual Support			
16	Multiple Devices	1	Generating Monthly billing	

	Compatibility	2	Analyzing and Adding estimated billing	
17	Billing and VEE	1	Generating Monthly billing	
		2	Analyzing and Adding estimated billing	
18	Gateway Management	3	MDC Communication Management	Create MDC Communication Profile
				Manage MDC Communication Profile
				Assign MDC Communication Profile
		4	Meter Reading Group	Create Meter Reading Group
				Manage Meter Reading Group
				Events Alarms Management
		5	Jobs Summary	Scheduled Jobs Management
				On Demand Jobs Management
19	Organization Tabs	1	Performance Summary	
		2	Connected MDCs	
		3	General Summary	Communication Summary (General)
		4	Tariff Summary	Communication Summary (Detailed)
		5	Workflow Status	
		6	Geographical Information (GIS)	
20	Smart Analytics & Report	1	System Reports	Basic Reports
				Work Flow Reports
				Reconciliation Reports for Energy Auditing
				Communication Reports
				System Health Reports
				Comparison Reports
				Custom Reports
				Dynamic Reporting Templates
				System Logs Reports
				AMI Dashboard Reports
				Customer List
				Customer Status Report
				Critical Alarms Report
				Stopped Meters Report
				Mute Meters Report
		2	Reports Template	Template Creation
				Report Availability in Menu
				Report Execution

The MDM support the business and operational processes in line with the prevalent Commercial Procedures (CP) such as:

- CP2: New Connection
- CP3: Temporary Disconnection
- CP4: Permanent Disconnection
- CP5: Reconnection
- CP6: Meter Reading
- CP7: Meter Change
- CP8: New Connection (Revenue Office)
- CP9: Meter Change (Billing Control Section)
- CP10: Billing
- CP13: Temporary Disconnection (Revenue Office)
- CP14: Permanent Disconnection (Revenue Office)
- CP15: Reconnection (Revenue Office)

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

"Annexure-D"

List of Acronyms and Abbreviations

Acronym	Description
AES	Advanced Encryption Standard
AMI	Advanced Metering Infrastructure
API	Application Programming Interface
CCB	Customer Care and Billing
CCMC	Customer Complaint Management Cell
CCMS	Customer Complaint Management System
CIM	Common Information Model
CIS	Customer Information System
CP	Consumer Profile / Commercial Procedure *(depending on context)*
CPU	Central Processing Unit
CRM	Customer Relationship Management
CSV	Comma-Separated Values
DB	Database
DISCO	Distribution Company
DR	Disaster Recovery
ENC	Electricity New Connection
ERP	Enterprise Resource Planning
FCC	Federal Complaint Cell
GIS	Geographic Information System
IBS	Integrated Billing System
ICT	Information and Communication Technology
IEC	International Electrotechnical Commission
IP	Internet Protocol
IS-U	Industry Solution for Utilities
ISO	International Organization for Standardization
IT	Information Technology
IVR	Interactive Voice Response
JSON	JavaScript Object Notation
KPI	Key Performance Indicator
LDAP	Lightweight Directory Access Protocol
MDC	Meter Data Collector / Meter Data Collection system
MDM	Meter Data Management
MIS	Management Information System
MMRS	Mobile Meter Reading System
MND	Month-End Data (Month-End Reporting)
MPLS	Multiprotocol Label Switching
NADRA	National Database and Registration Authority
NDA	Non-Disclosure Agreement
NEPRA	National Electric Power Regulatory Authority
NTN	National Tax Number
OAuth	Open Authorization
PDF	Portable Document Format
PITC	Power Information Technology Company
PKI	Public Key Infrastructure
PKR	Pakistani Rupee

PPRA	Public Procurement Regulatory Authority
RAM	Random Access Memory
RBAC	Role-Based Access Control
REST	Representational State Transfer
RFP	Request for Proposal
RFQ	Request for Quotation
SAP	Systems, Applications and Products in Data Processing
SLA	Service Level Agreement
SMS	Short Message Service
SOAP	Simple Object Access Protocol
SSO	Single Sign-On
TAC	Telephone Attendant Clerk
TLS	Transport Layer Security
TORs	Terms of Reference
VEE	Validation, Estimation and Editing
VM	Virtual Machine
VPN	Virtual Private Network
XML	Extensible Markup Language

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

"Annexure-E"

Affidavit of Legitimate Bidder

[To be printed on stamp paper of PKR. 300/-]

We, [Name and Address of Consultant/Firm], do hereby declare on solemn affirmation that:

I. We have not been blacklisted by any Government Department/Agency.

II. We have not been involved in litigation with any client during the last three (03) years.

III. We acknowledge that we have read, understood, and accepted this RFP document along with all terms and conditions specified herein.

IV. We understand that PITC shall have the right, at its exclusive discretion, to require, in writing, further information or clarification of the Proposal from any or all Consultant(s).

V. We understand that PITC shall have the right, at its exclusive discretion, to accept/reject any or all Proposal(s), cancel/annul the RFP process at any time prior to award of contract, without assigning any reason, and without incurring any liability to the Consultant, and that the decision of PITC shall be final.

Dated: _____

CONSULTANT:

Signature: _____

CNIC #: _____

Designation: _____

Address: _____

WITNESSES:

Name	_____	Name	_____
CNIC #	_____	CNIC #	_____
Address	_____	Address	_____
	_____		_____
	_____		_____
Signature	_____	Signature	_____