

# **THE ISLAMIC REPUBLIC OF PAKISTAN**

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## **REQUEST FOR PROPOSAL**

**(Single Stage Two Envelope Procedure)**

**(TIME BASED CONTRACT)**

**(International Competitive Bidding)**

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*For*

Third Party Technical Consultant to Support Power Division/Committee in Review and Validation of Technical Aspects and Cost Estimates of the Bankable Feasibility Study for Conversion of 660 MW Jamshoro Power Plant from Imported Coal to Thar Lignite

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**Proposal No. 01/CS/CFPP/JPCL/2025**

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**JAMSHORO POWER COMPANY LIMITED**

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**May 2025**

## **PREAMBLE**

Jamshoro Power Company Limited (JPCL) is fully owned by the Government of Pakistan (GoP) and is incorporated under the Companies Ordinance 1984 with its principal office at WAPDA House, Shahrah-e-Quaid-e-Azam, Lahore, Pakistan and having its principal place of business at Jamshoro, Pakistan.

JPCL has set up a 660 MW (Gross ISO) Supercritical Coal Fired Power Plant at Jamshoro, Sindh, Pakistan, financed by Asian Development Bank (“ADB”). The plant has been designed to use (i) 100% sub-bituminous coal when lignite is not available or (ii) Blended coal with 20% lignite and 80% sub-bituminous coal, as a primary fuel and Natural Gas or High-Speed Diesel (HSD) as a secondary fuel.

The Government of Pakistan, through the Ministry of Energy (Power Division)/Committee, is overseeing a Bankable Feasibility Study (BFS) for conversion of the 660 MW Jamshoro Power Plant from a blend of 80% imported sub-bituminous coal and 20% Thar lignite blend to 100% Thar lignite. This initiative is in line with national objectives to reduce dependency on imported fuel and enhance utilization of indigenous coal resources.

M/s Dornier Power & Heat GmbH has been hired by K-Electric to conduct the Bankable Feasibility Study (BFS). To ensure objectivity, transparency, cost-efficiency, and technical soundness of the study, Power Division/the Committee intends to appoint a Third-Party Technical Consultant. This consultant will operate in parallel to Dornier and critically evaluate the technical proposals, designs, and cost estimates submitted as part of the BFS. The Consultant will present their findings, views, comments and recommendations to the Panel of Experts (PoE) established for the project.

In this connection, Jamshoro Power Company Limited (JPCL), the Employer, intends to hire the services of consulting firms through Request for Proposal Documents for rendering the services pertaining to perform different tasks as per terms of reference (ToRs.) Section-VI of this RFP.

The plant will use (i) 100% sub-bituminous coal when lignite is not available, (ii) Blended coal with 20% lignite and 80% sub-bituminous coal as primary fuel for the Plant and Natural Gas or High-Speed Diesel (HSD) as secondary fuel. The plant consist of a Supercritical Steam Generator suitable for firing blend of sub-bituminous coal and lignite, along with auxiliaries, Electrostatic Precipitator (ESP), Steam Turbine Generator along with auxiliaries, power cycle piping, sub-bituminous and lignite coal handling with associated blending plant, Selective Catalytic Reduction with associated urea/ammonia injection system, wet limestone Flue Gas Desulphurization Plant (FGD) with associated Limestone Handling Plant, High Speed Diesel Handling Plant, Gas Supply System, Ash Handling Plant, Cooling Water System with Natural

Draft Cooling Tower, River Water Intake System, Raw Water Treatment Plant, Effluent Treatment Plant, Sewerage Treatment Plant, Station (Low Pressure) Piping, Compressed Air System, Fire Detection and Protection System, A-conditioning and Ventilation System, Cranes, Hoists, And Elevators, Control and Instruments, Distribution Control System, Transformers, Switchgear, Bus Ducts, Cables, Lighting, 500 kV cable up to switchyard, 500 kV switchyard extension with two (2) additional electrical bays, design, diversion and construction of new railway sidings design , diversion and construction of roads, diesel generators, weighbridge, workshop equipment, laboratory equipment and their associated civil, structural and architectural works, survey, site investigation, studies, Operation & Maintenance.

The Plant is evacuating power via 500 kV transmission line.

JPCL intends to hire the services of a reputed Consultancy Firm or Joint Venture of Firms to perform the Consultancy Services as defined in these Bidding Documents.

# SUMMARY DESCRIPTION

## STANDARD REQUEST FOR PROPOSALS (SRFP)

### PART I – SELECTION PROCEDURES AND REQUIREMENTS

#### Section I: Invitation for Proposal (IFP)

The attached template is the Invitation for Proposal for eligible Consultants willing to submit a proposal for a consulting assignment.

#### Section II: Instructions to Consultants and Data Sheet

This Section consists of two parts: “Instructions to Consultants” and “Data Sheet”. “Instructions to Consultants” contains provisions that are to be used without modifications. “Data Sheet” contains information specific to each selection and corresponds to the clauses in “Instructions to Consultants” that call for selection-specific information to be added. This Section provides information to help consultants prepare their proposals. Information is also provided on the submission, opening and evaluation of proposals, contract negotiation and award of contract. Information in the Data Sheet indicates whether a Full Technical Proposal (FTP) or a Simplified Technical Proposal (STP) shall be used.

#### Section III: Technical Proposal – Standard Forms

This Section includes the forms for FTP and STP that are to be completed by the consultants and submitted in accordance with the requirements of Section 2.

#### Section IV: Financial Proposal – Standard Forms

This Section includes the financial forms that are to be completed by the consultants, including the consultant’s costing of its technical proposal, which are to be submitted in accordance with the requirements of Section 2.

#### Section V: Eligible Countries

This Section contains information regarding eligible countries.

#### Section VI: Terms of Reference (TORs)

This Section describes the scope of services, objectives, goals, specific tasks required to implement the assignment, and relevant background information; provides details on the required qualifications of the key experts; and lists the expected deliverables. This Section shall not be used to over-write provisions in Section 2.

### PART II – CONDITIONS OF CONTRACT AND CONTRACT FORMS

#### Section VII: Contract Forms & Conditions

This Section includes standard contract forms for large or complex assignments: a Time-Based Contract includes General Conditions of Contract (“GCC”) that shall not be modified, and Special Conditions of Contract (“SCC”). The SCC include clauses specific to each contract to supplement the General Conditions.

## **SELECTION OF CONSULTANTS**

### **REQUEST FOR PROPOSALS**

**RFP No.: 01/ CS/ CFPP /JPCL/2025**

**Selection of Consulting Services for:** Third Party Technical Consultant to Support Power Division/Committee in Review and Validation of Technical Aspects and Cost Estimates of the Bankable Feasibility Study for Conversion of 660 MW Jamshoro Power Plant from Imported Coal to Thar Lignite

**Procuring Agency:** JAMSHORO POWER COMPANY LIMITED, a company incorporated and existing under the laws of the Islamic Republic of Pakistan, having its principal place of business at Mohra Jabal, Dadu Road, Jamshoro, Pakistan

**Procurement:** Hiring of Third-Party Consultant – Technical Review Validation of BFS on Conversion of 660 MW Jamshoro Power Plant from Subbituminous Imported Coal to Thar Lignite

**Issued on 22 May, 2025**

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**PART I**

**Section I: Request for Proposal**



**JAMSHORO POWER COMPANY LIMITED****RFP No. 01/CS/CFPP/JPCL/2025****For**

“Third Party Technical Consultant to Support Power Division/Committee in Review and Validation of Technical Aspects and Cost Estimates of the Bankable Feasibility Study for Conversion of 660 MW Jamshoro Power Plant from Imported Coal to Thar Lignite”

**Invitation to Consultants**

Date: 22.05.2025

1. This Invitation to Consultants /Consulting Firms follows the Procurement Advertisement (PA) PID (1) No. 8005/24 for the subject Procurement which appeared in National (Business Recorder & Jang) and International Newspapers (Khaleej Times) on 20.05.2025 and 21-05-2025 respectively and uploaded on JPCL Website: <https://www.jpcl.com.pk> and PPRA Website: <https://www.ppra.org.pk> on 20.05.2025
2. JPCL has reserved the funds from Federal Government PSDP/**its own resources** for the subject procurement and intends to cover eligible payments for subject contract.
3. JPCL now, therefore invites sealed Proposals from Consultancy Firms/Consultants with specific experience & qualifications & having capacity & capability in satisfying key requirements of rendering consulting services on subject assignment, the details of which are provided in the Terms of Reference Section-VI, are the eligible for participation in the proposal.

Description of work	Location	Period of Completion assignment, (Days/Months)	Proposal Security in PKR
Third Party Technical Consultant to Support Power Division/Committee in Review and Validation of Technical Aspects and Cost Estimates of the Bankable Feasibility Study for Conversion of 660 MW Jamshoro Power Plant from Imported Coal to Thar Lignite	Coal Fired Power Plant Jamshoro	120 days from Commencement Date	Proposal Securing Declaration or 5% of the Proposal Value in shape of Bank Guarantee

4. The bidding shall be conducted in line with the **“single stage-two envelope”** procedure under Rule 36 (b) of the Public Procurement Rules, 2004 and any Regulations, Regulatory Guides, Procurement Guidelines or Instructions issued by the Public Procurement Regulatory Authority (“PPRA”) from time to time and is open to all eligible consulting firms who come

- up with vast experience in consultancy services of similar assignments.
5. Request for Proposal Document can be obtained from PD PIU office/CEO GHCL office on payment of Rs. 5000/- and the receipt must be attached with the Bid, at the time of its submission, without which the Proposal will not be accepted, **OR** is available online and can be downloaded from JPCL Website [www.jpcl.com.pk](http://www.jpcl.com.pk).
  6. All Proposals must be accompanied by **Proposal Security Declaration or** Proposal Security in an acceptable form in the amount of 5% of Proposal Value in PKR or freely convertible currencies in case of foreign Bidders, in favour of “CEO Jamshoro Power Company Limited” and enclosed with Financial Proposal and evidence attached with Technical Proposal by hiding the amount. The Proposal without **Proposal Security Declaration OR** Proposal Security will not be considered and rejected.
  7. The original bid must be attached with Technical Proposal along with a certified true copy, prepared in accordance with the instructions prescribed in the proposal documents, properly filled in, signed and stamped, and enclosed in sealed envelope(s) must be delivered to the address; office of Chief Engineer/Project Director, Jamshoro Coal Fired Power Project Mohra Jabal, Dadu Road, Jamshoro on or before 1130 hrs. (PST) on Monday, 23-06-2025. The bids (the Technical Proposal only) will be opened promptly thereafter at 1200 hrs. in the presence of bidders’ representatives who choose to attend in the opening at JPCL Conference Room, 1st Floor, Main Admin Building, Mohra Jabal, Dadu Road, Jamshoro Sindh.
  8. If the last date of purchasing and /or submission falls on a government holiday, then the next working day shall be considered as the last date. In such case the validity period of the proposal security shall remain the same as specified for the original last date of bid submission.
  9. In the case of discrepancies or error in Request for Proposal documents, RFP notice or any other document, the JPCL reserves the right to amend and correct at any time.
  10. **Any Addendum/Corrigendum will be uploaded on JPCL website [www.jpcl.com.pk](http://www.jpcl.com.pk).** Proposers are requested to “keep visiting the website”.
  11. The Consultants who have history of non-conformance and have not completed substantially their works within stipulated period without judicious grounds, will not be eligible to participate in this Proposal.
  12. The Proposals which are received late from the stipulated date and time, will not be considered and returned unopened.
  13. **Request for Proposal documents will NOT be issued on the due date of opening of the bid.**
  14. A firm/consultant will be selected under the Cost and Quality Selection and procedures described in this RFP.
  15. A Pre-Proposal Meeting/Conference has been scheduled at 11:00Hrs PST, Wednesday, 4<sup>th</sup> June 2025 at the JPCL Conference Room, 1st Floor, Main Admin Building Thermal Power

Station, Mohra Jabal Dadu Road, Jamshoro Sindh Pakistan. The Proposers /Consultants can attend such meeting by physically or virtually through video Link communicated them through JPCL website. Those who wish to attend / participate should inform the undersigned, all queries / questions /suggestion / comments will be entertained during and after pre-proposal meeting only.

**Note:** *The Procuring Agency reserves the right to reject any or all proposals and to annul the bidding process at any time, prior to the acceptance of a proposal or award of contract under Rule-33(1) of PPRA Rules, 2004, without incurring any liability to the proposers/bidder(s) or any obligation to inform the Proposer(s) of the grounds for JPCL's action.*

**Project Director,**

Jamshoro Coal Fired Power Project,  
Mohra Jabal, Dadu Road, Jamshoro

Phone: 022 9213744, 022 9213742

Email: [pdpiu@jpcl.com.pk](mailto:pdpiu@jpcl.com.pk)

## Section II: Instructions to Consultants

### A. General Provisions

<b>1. Definitions</b>	<p><b>1.1 Definition</b></p> <ul style="list-style-type: none"> <li>a) <b>“Affiliate(s)”</b> means an individual or an entity that directly or indirectly controls, is controlled by, or is under common control with the Consultant.</li> <li>b) <b>“Applicable Law”</b> means the laws and any other instruments having the force of law in Pakistan, or in such other country as may be specified in the Data Sheet, as they may be issued and in force from time to time.</li> <li>c) <b>“Consultant”</b> means a legally-established professional consulting firm or an entity that may provide or provides the Services to the Procuring Agency under the Contract.</li> <li>d) <b>“Contract”</b> means a legally binding written agreement signed between the Procuring Agency and the Consultant and includes all the attached documents listed in its Clause 1 (the General Conditions of Contract (GCC), the Special Conditions of Contract (SCC), and the Appendices).</li> <li>e) <b>“Data Sheet”</b> means an integral part of the Instructions to Consultants (ITC) Section 2 that is used to reflect specific country and assignment conditions to supplement, but not to over-write, the provisions of the ITC.</li> <li>f) <b>“Day”</b> means a calendar day.</li> <li>g) <b>“Experts”</b> means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or Joint Venture member(s).</li> <li>h) <b>“Joint Venture (JV)”</b> means an association with or without a legal personality distinct from that of its members, of more than one Consultant where one member has the authority to conduct all business for and on behalf of any and all the members of the JV,</li> </ul>
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	<p>and where the members of the JV are jointly and severally liable to the Procuring Agency for the performance of the Contract.</p> <p>i) <b>“Key Expert(s)”</b> means an individual professional whose skills, qualifications, knowledge and experience are critical to the performance of the Services under the Contract and whose CV is taken into account in the technical evaluation of the Consultant’s proposal.</p> <p>j) <b>“ITC”</b> (this Section 2 of the RFP) means the Instructions to Consultants that provides the Consultants with all information needed to prepare their Proposals.</p> <p>k) <b>“LOI”</b> (this Section 1 of the RFP) means the Letter of Invitation being sent by the Procuring Agency to the Consultants.</p> <p>l) <b>“Non-Key Expert(s)”</b> means an individual professional provided by the Consultant or its Sub-consultant and who is assigned to perform the Services or any part thereof under the Contract and whose CVs are not evaluated individually.</p> <p>m) <b>“Proposal”</b> means the Technical Proposal and the Financial Proposal of the Consultant.</p> <p>n) <b>“RFP”</b> means the Request for Proposals to be prepared by the Procuring Agency for the selection of Consultants, based on the SRFP.</p> <p>o) <b>“Services”</b> means the work to be performed by the Consultant pursuant to the Contract.</p> <p>p) <b>“SRFP”</b> means the Standard Request for Proposals, which must be used by the Procuring Agency as the basis for the preparation of the RFP.</p> <p>q) <b>“Sub-consultant”</b> means an entity to whom the Consultant intends to subcontract any part of the Services while remaining responsible to the Procuring Agency during the performance of the Contract.</p> <p>r) <b>“TORs”</b> (this Section 7 of the RFP) means the Terms of Reference that explain the objectives, scope of work, activities, and tasks to</p>
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	be performed, respective responsibilities of the Procuring Agency and the Consultant, and expected results and deliverables of the assignment.
<b>2. Introduction</b>	<p>2.1 The Procuring Agency named in the Data Sheet intends to select a consultant from those listed in the Letter of Invitation, in accordance with the method of selection specified in the Data Sheet. The eligible Consultants are invited to submit a Technical Proposal and a Financial Proposal, or a Technical Proposal only, as specified in the Data Sheet, for consulting services required for the assignment named in the Data Sheet. The Proposal will be the basis for negotiating and ultimately signing the Contract with the selected Consultant.</p> <p>2.2 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.</p> <p>2.3 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.</p>
<b>3. Conflict of Interest</b>	<p>3.1 The Consultant is required to provide professional, objective, and impartial advice, at all times holding the Procuring Agency's interests paramount, strictly avoiding conflicts with other assignments or its own corporate interests and acting without any consideration for future work.</p> <p>3.2 The Consultant has an obligation to disclose to the Procuring Agency any situation of actual or potential conflict that impacts its capacity to serve the best interest of its Procuring Agency. Failure to disclose such situations may lead to the disqualification of the Consultant or the termination of its Contract and/or sanctions by the Authority.</p> <p>3.3 Without limitation on the generality of the foregoing, the Consultant shall not be hired under the circumstances set forth below:</p>
<b>a. Conflicting activities</b>	<p>(i) <u>Conflict between consulting activities and procurement of goods, works or non-consulting services:</u> a firm that has been engaged by the Procuring Agency to provide goods, works, or non-consulting services for a project, or any of its Affiliates, shall be disqualified from providing consulting services resulting from or directly related to those goods, works, or non-consulting services. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, or any of its Affiliates, shall be disqualified from subsequently providing goods or works or non-consulting services resulting from or</p>

	directly related to the consulting services for such preparation or implementation.
<b>b. Conflicting assignments</b>	(ii) <u>Conflict among consulting assignments:</u> a Consultant (including its Experts and Sub-consultants) or any of its Affiliates shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the Consultant for the same or for another Procuring Agency.
<b>c. Conflicting relationships</b>	(iii) <u>Relationship with the Procuring Agency's staff:</u> a Consultant (including its Experts and Sub-consultants) that has a close business or family relationship with a professional staff of the Procuring Agency, or of a recipient of a part of the financing in case the project is financed by some financing institution) who are directly or indirectly involved in any part of (i) the preparation of the Terms of Reference for the assignment, (ii) the selection process for the Contract, or (iii) the supervision of the Contract, may not be awarded a Contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to the Authority throughout the selection process and the execution of the Contract.
<b>4. Unfair Competitive Advantage</b>	4.1 Fairness and transparency in the selection process require that the Consultants or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to the assignment in question. To that end, the Procuring Agency shall indicate in the Data Sheet and make available to all eligible Consultants together with this RFP all information that would in that respect give such Consultant any unfair competitive advantage over competing Consultants.
<b>5. Corrupt and Fraudulent Practices</b>	5.1 The Authority requires compliance with its Regulatory Framework in regard to corrupt and fraudulent practices as set forth in Section 6. 5.2 In further pursuance of this Regulatory Framework, Consultants shall permit and shall cause their agents (where declared or not), sub-contractors, sub-consultants, service providers, suppliers, and personnel, to permit the Procuring Agency to inspect all accounts, records and other documents relating to any shortlisting process, Proposal submission, and contract performance (in the case of award), and to have them audited by auditors appointed by the Procuring Agency.
<b>6. Participants</b>	6.1 The Procuring Agency permits consultants (individuals and firms, including Joint Ventures and their individual members) from all countries to offer consulting services for the project. 6.2 Furthermore, it is the Consultant's responsibility to ensure that its Experts, joint venture members, Sub-consultants, agents (declared or

	<p>not), sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements.</p> <p>As an exception to the foregoing Clauses 6.1 and 6.2 above:</p>
<b>a. Sanctions</b>	<p>6.3 A firm or an individual declared blacklisted by the Authority in accordance with the above Clause 5.1 shall be ineligible to participate in the procurement process or to be awarded a contract, during such period of time as the Authority shall determine. The list of debarred firms and individuals is available at the electronic address specified in the <b>Data Sheet</b>.</p>
<b>b. Prohibitions</b>	<p>6.4 Firms and individuals of a country or goods manufactured in a country may be ineligible if so indicated in Section 5 (Eligible Countries).</p>
<b>c. Restrictions for public employees</b>	<p>6.5 Government officials and civil servants of Pakistan are not eligible to be included as Experts in the Consultant's Proposal unless such engagement does not conflict with any employment or other laws, regulations, or policies of the Government of Pakistan, and they</p> <p>(i) are on leave of absence without pay, or have resigned or retired;</p> <p>(ii) are not being hired by the same agency they were working for before going on leave of absence without pay, resigning, or retiring (in case of resignation or retirement, for a period of at least two years, or the period established by statutory provisions applying to civil servants or government employees whichever is longer. Experts who are employed by the government-owned universities, educational or research institutions are not eligible unless they have been full time employees of their institutions for a year or more prior to being included in Consultant's Proposal.; and</p> <p>(iii) their hiring would not create a conflict of interest.</p>

### **B. Preparation of Proposals**

<b>7. General Considerations</b>	<p>7.1 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.</p>
<b>8. Cost of Preparation of Proposal</b>	<p>8.1 The Consultant shall bear all costs associated with the preparation and submission of its Proposal, and the Procuring Agency shall not be responsible or liable for those costs, regardless of the conduct or outcome of the selection process. The Procuring Agency is not bound to accept any proposal and reserves the right to annul the selection process in accordance with the procurement regulatory framework at any time prior to Contract award, without thereby incurring any liability to the Consultant.</p>



<b>9. Language</b>	9.1 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.
<b>10. Documents Comprising the Proposal</b>	<p>10.1 The Proposal shall comprise the documents and forms listed in the <b>Data Sheet</b>.</p> <p>If specified in the <b>Data Sheet</b>, the Consultant shall include a statement of an undertaking of the Consultant to observe, in competing for and executing a contract, the Procuring Regulatory Framework regarding corrupt and fraudulent practices.</p>
<b>11. Only One Proposal</b>	11.1 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 <b>Data Sheet</b> and subject to regulatory instructions, if any.
<b>12. Proposal Validity</b>	<p>12.1 Proposals shall remain valid for the period specified in the Data Sheet after the Proposal submission deadline prescribed by the PA. To ensure the validity of proposal, it shall contain bid/proposal security or bid/proposal securing declaration as a complementary bid/proposal securing instrument having the validity twenty-eight days more than the bid/proposal validity period.</p> <p>12.2 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.</p> <p>12.3 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.</p>
<b>a. Extension of Validity Period</b>	12.4 If considered necessary, an extension can be made in case of exceptional circumstances (beyond the control of the procuring agency) after recording the reason(s) in writing. Such extension shall be only once, and the period of the extension should be determined keeping in view of the circumstances under which such extension is deemed to be necessary, however, the same shall not be more than the original bid validity period. The request and the responses shall be made in writing. Moreover, any such extension shall be solicited and

	<p>procured in advance prior to the expiry of original (or initial) bid validity period. Bid/Proposal Securing Instrument shall also be extended in conformity with the period of extension.</p> <p>12.5 If the Consultant agrees to extend the validity of its Proposal, it shall be done without any change in the original Proposal and with the confirmation of the availability of the Key Experts.</p> <p>12.6 The Consultant has the right to refuse to extend the validity of its Proposal in which case such Proposal will not be further evaluated.</p>
<b>b. Substitution of Key Experts at Validity Extension</b>	<p>12.7 If any of the Key Experts become unavailable for the extended validity period, the Consultant shall provide a written adequate justification and evidence satisfactory to the Procuring Agency together with the substitution request. In such case, a replacement Key Expert shall have equal or better qualifications and experience than those of the originally proposed Key Expert. The technical evaluation score, however, will remain to be based on the evaluation of the CV of the original Key Expert.</p> <p>12.8 If the Consultant fails to provide a replacement Key Expert with equal or better qualifications, or if the provided reasons for the replacement or justification are unacceptable to the Procuring Agency, such Proposal will be rejected.</p>
<b>c. Sub-Contracting</b>	<p>12.9 The Consultant shall not subcontract the whole of the Services.</p>
	<p>12.10 The Proposal Securing Declaration is required to protect the Procuring Agency against the risk of Consultant's conduct which would warrant the consultant to face the blacklisting or debarment proceedings in accordance with regulatory framework.</p>
	<p>12.11 Any Proposal not accompanied by a Proposal Securing Declaration shall be rejected by the Procuring Agency as non-responsive.</p>
	<p>12.12 The Proposal Securing Declaration of a joint venture must be in the name of the joint venture submitting the Proposal.</p>
	<p>12.13 The successful Consultant's Proposal Securing Declaration will be discharged upon the signing the contract with the Successful Consultant, and furnishing the performance security.</p>
	<p>12.14 A Consultant shall be suspended from being eligible for tendering in any contract with the Procuring Agency for the period of time indicated in the Proposal Securing Declaration:</p> <p>(a) if the Consultant withdraws its Proposal, except as provided in <b>ITC 12.6</b> or</p>

	<p>(b) in the case of a successful Consultant, if the Consultant fails within the specified time limit to:</p> <p>(i) sign the contract, or</p> <p>(ii) furnish the required performance security</p>
<b>13. Clarification and Amendment of RFP</b>	<p>13.1 The Consultant may request a clarification of any part of the RFP during the period indicated in the <b>Data Sheet</b> before the Proposals' submission deadline. Any request for clarification must be sent in writing, or by standard electronic means, to the Procuring Agency's address indicated in the <b>Data Sheet</b>. The Procuring Agency will respond in writing, or by standard electronic means, and will send written copies of the response (including an explanation of the query but without identifying its source) to all eligible Consultants. 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:</p> <p>i. At any time before the proposal submission deadline, the Procuring Agency may amend the RFP by issuing an amendment in writing or by standard electronic means. The amendment shall be sent to all shortlisted Consultants and will be binding on them. The shortlisted Consultants shall acknowledge receipt of all amendments in writing.</p> <p>ii. If the amendment is substantial, the Procuring Agency may extend the proposal submission deadline to give the shortlisted Consultants reasonable time to take an amendment into account in their Proposals.</p> <p>13.12 The Consultant who has already submitted the proposal prior to any amendments in the RFP, may submit a modified Proposal or a modification to any part of it 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.</p>
<b>14. Preparation of Proposals – Specific Considerations</b>	<p>14.1 While preparing the Proposal, the Consultant must give particular attention to the following:</p> <p>i. The Procuring Agency may indicate in the <b>Data Sheet</b> 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.</p> <p>ii. If stated in the <b>Data Sheet</b>, the Consultant shall include in its Proposal at least the same time input (in the same unit as indicated in the <b>Data Sheet</b>) of Key Experts, failing which the Financial Proposal will be adjusted for the purpose of comparison of proposals and</p>

	<p>decision for award in accordance with the procedure in the <b>Data Sheet</b>.</p> <p>iii. 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 <b>Data Sheet</b>, and the Financial Proposal shall not exceed this budget.</p>
<b>15. Technical Proposal Format and Content</b>	<p>15.1 The Technical Proposal shall not include any information regarding Financial Proposal. A Technical Proposal containing material financial information shall be declared non-responsive.</p> <p>15.2 Depending on the nature of the assignment, the Consultant is required to submit a Full Technical Proposal (FTP), or a Simplified Technical Proposal (STP) as indicated in the <b>Data Sheet</b> and using the Standard Forms provided in Section 3 of the RFP.</p>
<b>16. Financial Proposal</b>	<p>16.1 The Financial Proposal shall be prepared using the Standard Forms provided in Section 4 of 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 <b>Data Sheet</b>.</p>
<b>a. Taxes</b>	<p>16.2 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.</p>
<b>b. Currency of Proposal</b>	<p>16.3 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.</p>
<b>c. Currency of Payment</b>	<p>16.4 Payment under the Contract shall be made in the currency or currencies in which the payment is requested in the Proposal.</p>

### C. Submission, Opening and Evaluation

<b>17. Submission, Sealing, and Marking of Proposals</b>	<p>17.1 The Consultant shall submit a signed and complete Proposal comprising the documents and forms in accordance with Clause 10 (Documents Comprising Proposal). The submission can be done by mail or by hand. If specified in the <b>Data Sheet</b>, the Consultant has the option of submitting its Proposals electronically.</p> <p>17.2 An authorized representative of the Consultant shall sign the original submission letters in the required format for both the Technical Proposal and, if applicable, the Financial Proposal and shall initial all</p>
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	<p>pages of both. The authorization shall be in the form of a written power of attorney attached to the Technical Proposal.</p> <p>17.2.1 A Proposal submitted by a Joint Venture shall be signed by all members so as to be legally binding on all members, or by an authorized representative who has a written power of attorney signed by each member's authorized representative.</p> <p>17.3 Any modifications, revisions, interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Proposal.</p> <p>17.4 The signed Proposal shall be marked "ORIGINAL", and its copies marked "COPY" as appropriate. The number of copies is indicated in the <b>Data Sheet</b>. All copies shall be made from the signed original. If there are discrepancies between the original and the copies, the original shall prevail.</p> <p>17.5 The original and all the copies of the Technical Proposal shall be placed inside of a sealed envelope clearly marked "<b>TECHNICAL PROPOSAL</b>", "[Name of the Assignment]", reference number, name and address of the Consultant, and with a warning "<b>DO NOT OPEN UNTIL [INSERT THE DATE AND THE TIME OF THE TECHNICAL PROPOSAL SUBMISSION DEADLINE].</b>"</p> <p>17.6 Similarly, the original Financial Proposal (if required for the applicable selection method) shall be placed inside of a sealed envelope clearly marked "<b>FINANCIAL PROPOSAL</b>" followed by the name of the assignment, reference number, name and address of the Consultant, and with a warning "<b>DO NOT OPEN WITH THE TECHNICAL PROPOSAL.</b>"</p> <p>17.7 The sealed envelopes containing the Technical and Financial Proposals shall be placed into one outer envelope and sealed. This outer envelope shall bear the submission address, RFP reference number, the name of the assignment, Consultant's name and the address, and shall be clearly marked "<b>DO NOT OPEN BEFORE 1130HRS. PST ON MONDAY, 23 June 2025, the submission deadline indicated in the Data Sheet</b>".</p> <p>17.8 If the envelopes and packages with the Proposal are not sealed and marked as required, the Procuring Agency will assume no responsibility for the misplacement, loss, or premature opening of the Proposal.</p> <p>17.9 The Proposal or its modifications must be sent to the address indicated in the <b>Data Sheet</b> and received by the Procuring Agency no later than the deadline indicated in the <b>Data Sheet</b>, or any extension to this deadline. Any Proposal or its modification received by the</p>
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<b>Withdrawal of bids</b>	<p>Procuring Agency after the deadline shall be declared late and rejected, and promptly returned unopened.</p> <p>17.10 A Consultant may withdraw its Proposal after it has been submitted, provided that written notice of the withdrawal of the Proposal, is received by the Procuring Agency prior to the deadline for submission of Proposal.</p> <p>17.11 Revised Proposal may be submitted after the withdrawal of the original Proposal.</p> <p>17.12 First, envelopes marked “WITHDRAWAL” shall be opened and read out and the envelope with the corresponding bid shall not be opened, but returned to the Bidder. No bid withdrawal shall be permitted unless the corresponding Withdrawal Notice contains a valid authorization to request the withdrawal and is read out at bid opening.</p>
<b>18. Confidentiality</b>	<p>18.1 From the time the Proposals are opened to the time the Evaluation Report is published, the Consultant should not contact the Procurement Evaluation Committee of the Procuring Agency on any matter related to its Technical and/or Financial Proposal. Information relating to the evaluation of Proposals shall not be disclosed to the Consultants who submitted the Proposals or to any other party not officially concerned with the process, until the publication of the Evaluation Report.</p> <p>18.2 Any attempt by Consultants or anyone on behalf of the Consultant to influence improperly the Procuring Agency in the evaluation of the Proposals may result in the rejection of its Proposal, and may be subject to the application of prevailing blacklisting procedures.</p> <p>18.3 Notwithstanding the above provisions, from the time of the Proposals’ opening to the time of publication of evaluation report, if a Consultant wishes to contact the Procurement Evaluation Committee or the Procuring Agency on any matter related to the selection process, it should do so only in writing.</p>
<b>19. Opening of Proposal (Technical Proposals)</b>	<p>19.1 The Procuring Agency will open all Proposal, in public, in the presence of Consultants’ or their representatives who choose to attend, and other parties with a legitimate interest in the Proposal proceedings at the place, on the date and at the time, specified in the <b>BDS</b>. The Consultant’ representatives present shall sign a register as proof of their attendance.</p> <p>19.2 First, envelopes marked “WITHDRAWAL” shall be opened and read out and the envelope with the corresponding Proposal shall not be opened, but returned to the Consultant. No Proposal withdrawal shall be</p>

	<p>permitted unless the corresponding Withdrawal Notice contains a valid authorization to request the withdrawal and is read out at bid opening.</p> <p>19.3 Second, outer envelopes marked “SUBSTITUTION” shall be opened. The inner envelopes containing the Substitution Proposal shall be exchanged for the corresponding Original Proposal being substituted, which is to be returned to the Consultant unopened. No envelope shall be substituted unless the corresponding Substitution Notice contains a valid authorization to request the substitution and is read out and recorded at bid opening.</p> <p>19.4 Next, outer envelopes marked “MODIFICATION” shall be opened. No Technical Proposal and/or Financial Proposal shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at the opening of the Proposal. Any Modification shall be read out along with the Original Proposal except in case of Single Stage Two Envelope Procedure where only the Technical Proposal, both Original as well as Modification, are to be opened, read out, and recorded at the opening. Financial Proposal, both Original and Modification, will remain unopened till the prescribed financial Proposal opening date.</p> <p>19.5 The Procuring Agency’s evaluation committee shall conduct the opening of the Technical Proposals in the presence of the Proposer Consultants’ authorized representatives who choose to attend (in person, or online if this option is offered in the <b>Data Sheet</b>). The opening date, time and the address are stated in the <b>Data Sheet</b>. The envelopes with the Financial Proposal shall remain sealed until they are opened in accordance with Clause 23 of the ITC.</p> <p>19.6 At the opening of the Technical Proposals the following shall be read out: (i) the name and the country of the Consultant or, in case of a Joint Venture, the name of the Joint Venture, the name of the lead member and the names and the countries of all members; (ii) the presence or absence of a duly sealed envelope with the Financial Proposal; (iii) any modifications to the Proposal submitted prior to proposal submission deadline; and (iv) any other information deemed appropriate or as indicated in the <b>Data Sheet</b>.</p>
<b>20. Proposals Evaluation</b>	<p>20.1 Subject to provision of Clause 15.1 of the ITC, the evaluators of the Technical Proposals shall have no access to the Financial Proposals until the technical evaluation is concluded.</p> <p>20.2 The Consultant is not permitted to alter or modify its Proposal in any way after the proposal submission deadline. While evaluating the Proposals, the Procuring Agency will conduct the evaluation solely on the basis of the submitted Technical and Financial Proposals.</p>

<b>21.Evaluation of Technical Proposals</b>	<p>21.1 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 <b>Data Sheet</b>. 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 <b>Data Sheet</b>.</p>
<b>22.Financial Proposals for QBS</b>	<p>22.1 Following the ranking of the Technical Proposals, when the selection is based on quality only (QBS), the top-ranked Consultant is invited to negotiate the Contract.</p> <p>22.2 Only the Financial Proposal of the technically top-ranked Consultant (as predefined in the Evaluation Criteria) is opened by the Procuring Agency’s evaluation committee. All other Financial Proposals are returned unopened after the Contract negotiations are successfully concluded and the Contract is signed.</p>
<b>23.Public Opening Financial Proposals (for QCBS, FBS, and LCS methods)</b>	<p>23.1 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. The Financial Proposals of non-responsive consultants will be returned unopened after completing the selection process and Contract signing. The Procuring shall notify in writing those Consultants that have achieved the minimum overall technical score and inform them of the date, time and location for the opening of the Financial Proposals. The opening date should allow the Consultants sufficient time to make arrangements for attending the opening. The Consultant’s attendance at the opening of the Financial Proposals (in person, or online if such option is indicated in the <b>Data Sheet</b>) is optional and is at the Consultant’s choice.</p> <p>23.2 The Financial Proposals shall be opened by the Procuring Agency’s evaluation committee in the presence of the representatives of those Consultants whose proposals have passed the minimum technical score. At the opening, the names of the Consultants, and the overall technical scores, including the break-down by criterion, shall be read aloud. The Financial Proposals will then be inspected to confirm that they have remained sealed and unopened. These Financial Proposals shall be then opened, and the total prices read aloud and recorded. Copies of the record shall be sent to all Consultants who submitted Proposals.</p>
<b>24.Correction of Errors</b>	<p>24.1 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.</p>



<b>a. Time-Based Contracts</b>	24.1.1 If a Time-Based contract form is included in the RFP, 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.
<b>25.Taxes</b>	25.1 The Procuring Agency's evaluation of the Consultant's Financial Proposal shall exclude taxes and duties in accordance with the instructions in the <b>Data Sheet</b> .
<b>26.Conversion to Single Currency</b>	26.1 For the evaluation purposes, prices shall be converted to a single currency using the selling rates of exchange, source and date indicated in the <b>Data Sheet</b> .
<b>27.Combined Quality and Cost Evaluation</b>	
<b>a. Quality- and Cost-Based Selection (QCBS)</b>	27.1 In the case of QCBS, the total score is calculated by weighing 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.
<b>b. Fixed-Budget Selection (FBS)</b>	27.2 In the case of FBS, those Proposals that exceed the budget indicated in Clause 14.1.4 of the Data Sheet shall be rejected.  27.3 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.
<b>Least-Cost Selection</b>	27.4 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 to negotiate the Contract.

### **D. Negotiations and Award**

<b>28. Negotiations</b>	<p>28.1 The negotiations will be held at the date and address indicated in the <b>Data Sheet</b> with the Consultant's representative(s) who must have written power of attorney to negotiate and sign a Contract on behalf of the Consultant.</p> <p>28.2 The Procuring Agency shall prepare minutes of negotiations that are signed by the Procuring Agency and the Consultant's authorized representative.</p>
<b>a. Availability of Key Experts</b>	<p>28.3 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 Clause 12 of the 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.</p> <p>28.4 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 cases, 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.</p>
<b>b. Technical Negotiations</b>	<p>28.5 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.</p>
<b>c. Financial Negotiations</b>	<p>28.6 There shall be no financial negotiations, however, it may include only the clarification of the Consultant's tax liability and how it should be reflected in the Contract.</p>
<b>29. Conclusion of Negotiations</b>	<p>29.1 The negotiations are concluded with a review of the finalized draft Contract, which then shall be initialed by the Procuring Agency and the Consultant's authorized representative.</p> <p>29.2 If the negotiations fail, the Procuring Agency shall inform the Consultant in writing of all pending issues and disagreements and provide a final opportunity to the Consultant to respond. If disagreement persists, the Procuring Agency shall terminate the</p>

	<p>negotiations informing the Consultant of the reasons for doing so; and the Procuring Agency will invite the next-ranked Consultant to negotiate a Contract. Once the Procuring Agency commences negotiations with the next-ranked Consultant, the Procuring Agency shall not reopen the earlier negotiations.</p>
<b>30. Award of Contract</b>	<p>30. Subject to ITC 29, 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 Most Advantageous Consultant, provided that such Consultant has been determined to be:</p> <ul style="list-style-type: none"> <li>a) eligible in accordance with the provisions of ITC 6;</li> <li>b) is determined to be qualified to perform the Contract satisfactorily; and</li> <li>c) Successful negotiations have been concluded, if any.</li> </ul>
<b>31. Grievance Redressal Mechanism</b>	<p>31.1 Procuring agency shall constitute a Grievance Redressal Committee (GRC) comprising of odd number of person with proper power and authorization to address the complaint. The GRC shall not have any of the members of Procurement Evaluation Committee. The committee must have one subject specialist depending the nature of the procurement.</p> <p>31.2 Any party can file its written complaint against the eligibility parameters or any other terms and conditions prescribed in the prequalification or bidding documents found contrary to provision of Procurement Regulatory Framework, and the same shall be addressed by the GRC well before the bid submission deadline.</p> <p>31.3 Any Bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances not later than seven of the announcement of technical evaluation report and five days after issuance of final evaluation report.</p> <p>31.4 In case, the complaint is filed against the technical evaluation report, the GRC shall suspend the procurement proceedings.</p> <p>31.5 In case, the complaint is filed after the issuance of the final evaluation report, the complainant cannot raise any objection on technical evaluation of the report:</p>

	<p>Provided that the complainant may raise the objection on any part of the final evaluation report in case where single stage one envelop bidding procedure is adopted.</p> <p>31.6 The GRC, in both the cases shall investigate and decide upon the complaint within ten days of its receipt.</p> <p>31.7 Any bidder or the procuring agency not satisfied with the decision of the GRC may file Appeal before the Appellate Committee of the Authority on prescribed format after depositing the fee as prescribed in “Redressal of Grievance Regulations, 2021”.</p> <p>31.8 The Committee, upon receipt of the Appeal against the decision of the GRC complete in all respect shall serve notices in writing upon all the parties to Appeal.</p> <p>31.9 The committee shall call the record from the concerned procuring agency or the GRC as the case may be, and the same shall be provided within prescribed time.</p> <p>31.10 The committee may after examination of the relevant record and hearing all the concerned parties, shall decide the complaint within fifteen (15) days of receipt of the Appeal.</p> <p>31.11 The decision of the Committee shall be in writing and shall be signed by the Head and each Member of the Committee. The decision of the committee shall be final.</p>
<b>32.Mechanism of Blacklisting</b>	<p>32.1 The Procuring Agency shall bar for not more than the time prescribed in Rule-19 of the Public Procurement Rules, 2004, from participating in their respective procurement proceedings, bidder or contractor who either:</p> <ul style="list-style-type: none"> <li>i. Involved in corrupt and fraudulent practices as defined in Rule-2 of Public Procurement Rules;</li> <li>ii. Fails to perform his contractual obligations; and</li> </ul> <p>Fails to</p> <ul style="list-style-type: none"> <li>iii. abide by the id securing declaration;</li> </ul> <p>32.2 The show cause notice shall contain: (a) precise allegation, against the bidder or contractor; (b) the maximum period for which the Procuring Agency proposes to debar the bidder or contractor from participating in any public procurement of the Procuring Agency; and (c) the statement, if needed, about the intention of the Procuring Agency to make a request to the Authority for debarring the bidder or contractor from</p>

	<p>participating in public procurements of all the procuring agencies.</p> <p>32.3 The procuring agency shall give minimum of seven days to the bidder or contractor for submission of written reply of the show cause notice</p> <p>32.4 In case, the bidder or contractor fails to submit written reply within the requisite time, the Procuring Agency may issue notice for personal hearing to the bidder or contractor/ authorize representative of the bidder or contractor and the procuring agency shall decide the matter on the basis of available record and personal hearing, if availed.</p> <p>32.5 In case the bidder or contractor submits written reply of the show cause notice, the Procuring Agency may decide to file the matter or direct issuance of a notice to the bidder or contractor for personal hearing.</p> <p>32.6 The Procuring Agency shall give minimum of seven days to the bidder or contractor for appearance before the specified officer of the Procuring Agency for personal hearing. The specified officer shall decide the matter on the basis of the available record and personal hearing of the bidder or contractor, if availed.</p> <p>32.7 The procuring Agency shall decide the matter within fifteen days from the date of personal hearing unless the personal hearing is adjourned to a next date and in such an eventuality, the period of personal hearing shall be reckoned from the last date of personal hearing.</p> <p>32.8 The Procuring Agency shall communicate to the bidder or contractor the order of debarring the bidder or contractor from participating in any public procurement with a statement that the bidder or contractor may, within thirty days, prefer a representation against the order before the Authority.</p> <p>32.9 Such blacklisting or barring action shall be communicated by the procuring agency to the Authority and respective bidder or bidders in the form of decision containing the grounds for such action. The same shall be publicized by the Authority after examining the record whether the procedure defined in blacklisting and debarment mechanism has been adhered to by the procuring agency.</p> <p>32.10 The bidder may file the review petition before the Review Petition Committee Authority within thirty days of</p>
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	<p>communication of such blacklisting or barring action after depositing the prescribed fee and in accordance with “Procedure of filing and disposal of review petition under Rule-19(3) Regulations, 2021”. The Committee shall evaluate the case and decide within ninety days of filing of review petition.</p> <p>32.11 The committee shall serve a notice in writing upon all respondent of the review petition. The notices shall be accompanied by the copies of review petition and all attached documents of the review petition including the decision of the procuring agency. The parties may file written statements along with essential documents in support of their contentions. The Committee may pass such order on the representation may deem fit.</p> <p>32.12 The Authority on the basis of decision made by the committee either may debar a bidder or contractor from participating in any public procurement process of all or some of the procuring agencies for such period as the deemed appropriate or acquit the bidder from the allegations. The decision of the Authority shall be final.</p>
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## Section III: Proposal Data Sheet

*[“Notes to Procuring Agency” shown in brackets throughout the text are provided for guidance to prepare the Data Sheet; they should be deleted from the final RFP]*

<b>A. General</b>	
<b>ITC Clause Reference</b>	
<b>2.1</b>	<p><b>Name of the Procuring Agency:</b></p> <p><i>JAMSHORO POWER COMPANY LIMITED, a company incorporated and existing under the laws of the Islamic Republic of Pakistan, having its principal place of business at Mohra Jabal, Dadu Road, Jamshoro, Pakistan.</i></p> <p><b>Method of selection:</b> Quality &amp; Cost Based Selection (QCBS)</p>
<b>2.2</b>	<p><b>Financial Proposal is to be submitted in separate envelope as per the Single Stage Two Envelop Bidding Procedure</b></p> <p><b>The name of the assignment is:</b></p> <p>Third Party Technical Consultant to Support Power Division/Committee in Review and Validation of Technical Aspects and Cost Estimates of the Bankable Feasibility Study for Conversion of 660 MW Jamshoro Power Plant from Imported Coal to Thar Lignite</p>
<b>2.3</b>	<p><b>A pre-proposal conference/meeting will be held: Yes</b></p> <p><b>Date of Pre-Proposal Conference/meeting:</b></p> <p>Time: 1100Hrs PST</p> <p>Address: JPCL Conference Room, 1<sup>st</sup> Floor Main Admin Building, TPS</p> <p>Jamshoro/Virtual Conference Zoom Link will be shared through JPCL website <a href="http://www.jpcl.com.pk">www.jpcl.com.pk</a></p> <p>E-mail: <a href="mailto:pdpiu@jpcl.com">pdpiu@jpcl.com</a>,</p> <p><b>Contact person/conference coordinator:</b></p> <p><b><i>Bashir Ahmed Babar</i></b>  <i>Chief Engineer/Project Director, 660MW CFPP Jamshoro</i></p>

2.4	<p><b>The Procuring Agency will provide the following inputs, project data, reports, etc. to facilitate the preparation of the Proposals:</b></p> <p><i>The Analysis and Findings carried out by M/s Dornier for Review &amp; Technical validation of the Bankable Feasibility Study for Conversion of 660 MW Jamshoro Power Plant from blend of 80% Sub-Bituminous &amp; 20% Thar Lignite to 100% Thar Lignite Coal, as per TORs given in Section-VI</i></p>
4.1	<p><i>“Unfair Competitive Advantage” will be mitigated by sharing all the reports, information, documents, etc. on JPCL website to be obtained by the Consultants. Any addendum /corrigendum and evaluation reports will also be uploaded on JPCL Website <a href="http://www.jpcl.com.pk">www.jpcl.com.pk</a></i></p>
6.3.1	<p><b>A list of debarred firms and individuals is available at the PPRA website: <a href="https://ppra.org.pk">https://ppra.org.pk</a></b></p>
<b>B. Preparation of Proposals</b>	
9.1	<p>The <b>language of the Bid</b> is “<i>English</i>”</p> <p>All correspondence shall be in English language</p> <p>The language for translation of supporting documents and printed literature is English language.</p>
10.1	<p><b>The Proposal shall comprise the following:</b></p> <p><b><u>FULL TECHNICAL PROPOSAL (FTP):</u></b>  <b>1<sup>st</sup> Inner Envelope with the Technical Proposal:</b></p> <ol style="list-style-type: none"> <li>(1) Power of Attorney to sign the Proposal</li> <li>(2) TECH-1</li> <li>(3) TECH-2</li> <li>(4) TECH-3</li> <li>(5) TECH-4</li> <li>(6) TECH-5</li> <li>(7) TECH-6</li> <li>(8) Proposal Securing Declaration</li> </ol> <p><b>FINANCIAL PROPOSAL:</b></p> <ol style="list-style-type: none"> <li>(1) FIN-1</li> <li>(2) FIN-2</li> <li>(3) FIN-3</li> <li>(4) FIN-4</li> <li>(5) Statement of Undertaking (if required under Data Sheet 10.2 below)</li> </ol>



<b>10.2</b>	<p><b>Statement of Undertaking is required</b></p> <p>Yes, as per paragraph (e) in Form TECH-1(Data Sheet 10.2), include the following:</p> <p>In competing for (and, if the award is made to us, in executing) the Contract, we undertake to observe the laws against fraud and corruption, including bribery, in force in the country of the Procuring Agency.</p>
<b>11.1</b>	<p><b>Participation of Sub-consultants, Key Experts and Non-Key Experts in more than one Proposal is permissible</b></p> <p>Not Permissible</p>
<b>12.1</b>	<p><b>Proposals shall be valid until</b></p> <p>90 days from the date of proposal opening</p>
<b>13.1</b>	<p><b>Clarifications may be requested no later than three (3) days prior to the submission deadline.</b></p> <p>The contact information for requesting clarifications is: CE/PD PIU 660MW CFPP Jamshoro E-mail: pdpiu@jpcl.com</p>
<b>14.1.2</b>	<p><b>Estimated input of Key Experts' time-input: 4 person-months.</b></p> <p><i>Time Input (in person-month)</i></p>
<b>14.1.3</b> for time-based contracts only	<p><i>The Consultant's Proposal must include <u>the minimum</u> Key Experts' time-input of four (4) person-months.</i></p> <p><i>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:</i></p> <p><i>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.</i></p>
<b>14.1.3 and 27.2</b> use for Fixed Budget method	<p><b>The total available budget for this Fixed-Budget assignment is: _____ inclusive/ exclusive of taxes). Proposals exceeding the total available budget will be rejected.</b></p> <p><b>Not Applicable</b></p>

<b>15.2</b>	<p>The format of the Technical Proposal to be submitted is: Full Technical Proposal (FTP) Submission of the Technical Proposal in a wrong format may lead to the Proposal being deemed non-responsive to the RFP requirements.</p>
<b>16.1</b>	<p><i>If the Procuring Agency wants to set up maximum ceilings for unit rates of certain type of expenses, such ceilings should be indicated in the FIN forms:</i></p> <ol style="list-style-type: none"> <li><i>(1) a per diem allowance, including hotel, for experts for every day of absence from the home office for the purposes of the Services;</i></li> <li><i>(2) cost of travel by the most appropriate means of transport and the most direct practicable route;</i></li> <li><i>(3) cost of office accommodation, including overheads and back-stop support (If not provided by JPCL);</i></li> <li><i>(4) communications costs;</i></li> <li><i>(5) cost of purchase or rent or freight of any equipment required to be provided by the Consultants;</i></li> <li><i>(6) cost of reports production (including printing) and delivering to the Procuring Agency;</i></li> <li><i>(7) other allowances where applicable and provisional or fixed sums (if any)]</i></li> </ol>
<b>16.2</b>	<p><b>A price adjustment provision applies to remuneration rates:</b></p> <p>No because Time Based Contract is only for four (4) months,</p> <p><i>The Price Adjustment applies to all Time-Based contracts with a duration exceeding <b>18 months</b>.</i></p>
<b>16.2</b>	<p><i>If there is no tax exemption in the Procuring Agency's country, insert the following:</i></p> <p><b>“Information on the Consultant's tax obligations can be found”</b></p> <p>NTN Certificate issued by the Federal Board of Revenue or provision of Tax Treaty for claiming exemption of Taxes as applicable in Pakistan.</p>
<b>16.4</b>	<p><b>The Financial Proposal shall be stated in the following currencies:</b></p> <p><i>Consultant may express the price for their Services in any fully convertible currency, singly or in combination of a foreign currency. USD or PKR or combination of both currencies.</i></p>

	<p><b>The Financial Proposal should state local costs in the Procuring Agency's country currency (local currency):</b> Yes/If not, will be converted to PKR, considering exchange rate of SBP/NBP on financial proposal opening date.</p>
<b>C. Submission, Opening and Evaluation</b>	
17.1	<p><b>The Consultants “shall” have the option of submitting their Proposals electronically.</b></p> <ul style="list-style-type: none"> <li><i>The electronic submission procedures shall be: Consultants/Bidders MUST also submit electronic copies of both Technical &amp; Financial Proposals in USB; the electronic copy of the Financial Proposals must be password protected. Password for Financial Proposal will be requested by JPCL at the time of opening of “Financial Proposal” of Technically Qualified Bidders.</i></li> <li><i>Hard copy of the bids/proposals shall be considered in case of any discrepancy found with softcopy.</i></li> </ul>
17.4	<p><b>The Consultant must submit:</b></p> <p>(a) <b>Technical Proposal:</b> one (1) original and one (1) true copy  (b) <b>Financial Proposal:</b> one (1) original and one (1) true copy</p>
17.7 and 17.9	<p><b>The Proposals must be submitted no later than:</b>  Date: 23  Day: Monday  Month: June  Year: 2025  Time: “1130 local time/PST”</p> <hr/> <p><i>The warning marking “Do not open before date of opening” on the outer sealed envelope</i></p> <p><b>The Proposal submission address is:</b></p> <p>Office of Chief Engineer/PD  660MW CFPP, Mohra Jabal, Dadu Road,  Indus Highway Jamshoro</p>
19.4	<p><b>An online option of the opening of the Technical Proposals is offered:</b></p> <p>No, “<i>The online opening procedure shall not be available</i>”</p>

	<p><b>The opening shall take place at:</b></p> <p><i>JPCL Conference Room, 1<sup>st</sup> Floor Main Admin Building, Thermal Power Station, Mohra Jabal Dadu Road, Indus Highway, Jamshoro.</i></p> <p><b>Date:</b> same as the submission deadline indicated in 17.7.  <b>Time:</b> “12:00Hrs. local time/PST”</p>
<b>19.5</b>	<p><b>In addition, the following information will be read aloud at the opening of the Technical Proposals</b></p> <p>Name of Consultant/Firm  Receipt/Evidence of RFP fee of Rs. 5000/- is attached in case hardcopy purchased  Evidence of Proposal Security or Proposal Security Declaration is attached  The Technical and Financial Proposal are sealed in separate envelopes  Hardcopies /Softcopies have been submitted in required number</p>
<b>21.1</b> (for FTP)	<p><b>Sample Criteria, sub-criteria, and point system for the evaluation of the Full Technical Proposals (if not already prequalified):</b></p> <p><i>Details in Section VI</i>  .....</p> <p><b>The minimum technical score (St) required to pass is: <u>70</u></b></p>
<b>21.1</b>	<p><b>Sample Criteria, sub-criteria, and point system for the evaluation of the Simplified Technical Proposals are:</b></p> <p><i>Not Applicable</i></p>
<b>23.1</b>	<p><b>An online option of the opening of the Financial Proposals is offered:</b></p> <p><i>Online opening procedure shall <b>NOT</b> be available for Financial Proposals.</i></p>
<b>25.1</b>	<p><i>For the purpose of the evaluation, the Procuring Agency will exclude: (a) all local identifiable indirect taxes such as sales tax, excise tax, VAT, or similar taxes levied on the contract’s invoices; and (b) all additional local indirect tax on the remuneration of services rendered by non-resident experts in the Procuring Agency’s country. If a Contract is awarded, at Contract negotiations, all such taxes will be discussed, finalized (using the itemized list as a guidance but not limiting to it) and added to the Contract amount as a separate line, also indicating which taxes shall be paid by the Consultant and</i></p>

	<i>which taxes are withheld and paid by the Procuring Agency on behalf of the Consultant.</i>
<b>26.1</b>	<p><b>The single currency for the conversion of all prices expressed in various currencies into a single one is:</b></p> <p>Pakistani Rupees</p> <p><b>The official source of the selling (exchange) rate is:</b></p> <p><i>State Bank of Pakistan /National Bank of Pakistan</i></p> <p><b>The date of the exchange rate is:</b></p> <p><i>Financial Proposal Opening Date</i></p>
<b>27.1 (QCBS only)</b>	<p><b>The lowest evaluated Financial Proposal (Fm) is given the maximum financial score (Sf) of 100.</b></p> <p><b><i>The formula for determining the financial scores (Sf) of all other Proposals is calculated as following:</i></b></p> $Sf = 100 \times Fm / F,$ <p><b>Where,</b></p> <p>“Sf” is the financial score,</p> <p>“Fm” is the lowest price,</p> <p>“F” the price of the proposal under consideration.</p> <p><i>or replace with another inversely proportional formula</i></p> <p><b>The weights given to the Technical (T) and Financial (P) Proposals are:</b></p> <p>T = 70%</p> <p>P = 30%</p> <p>Proposals are ranked according to their combined technical (St) and financial (Sf) scores using the weights (T = the weight given to the Technical Proposal; P = the weight given to the Financial Proposal; T + P = 1) as following: <math>S = St \times T\% + Sf \times P\%</math>.</p>
<b>D. Negotiations and Award</b>	
<b>28.1</b>	<p><b>Expected date and address for contract negotiations:</b></p> <p><b>Date:</b> July, 2025 (Tentative)</p> <p><b>Address:</b> _____</p> <p>Through Video Link, date &amp; time will be communicated on registered email addresses</p>

30.1	<p><b>The publication of the contract award information following the completion of the contract negotiations and contract signing will be done as following:</b></p> <p><a href="http://www.jpcl.com.pk">www.jpcl.com.pk</a>, <a href="mailto:pdpiu@jpcl.com">pdpiu@jpcl.com</a> PPRA Website: <a href="https://www.ppra.org.pk">https://www.ppra.org.pk</a></p> <p>The publication will be made within <b>10 days after the contract signing.</b></p>
30.2	<p><b>Expected date for the commencement of the Services:</b></p> <p>Within a weeks after signing of agreement</p>

## Section IV: Technical Proposal – Standard Forms

{Notes to Consultant shown in brackets { } throughout Section 3 provide guidance to the Consultant to prepare the Technical Proposal; they should not appear on the Proposals to be submitted.}

### Checklist of Required Form

Required for FTP (√)	FORM	DESCRIPTION	Page Limit
√	TECH-1	Technical Proposal Submission Form.	
“√” If applicable	TECH-1 Attachment	If the Proposal is submitted by a joint venture, attach a letter of intent or a copy of an existing agreement.	
“√” If applicable	Power of Attorney	No pre-set format/form. In the case of a Joint Venture, several are required: a power of attorney for the authorized representative of each JV member, and a power of attorney for the representative of the lead member to represent all JV members	
√	TECH-2	Consultant’s Organization and Experience.	
√	TECH-2A	A. Consultant’s Organization	
√	TECH-2B	B. Consultant’s Experience	
√	TECH-3	Comments or Suggestions on the Terms of Reference and on Counterpart Staff and Facilities to be provided by the Procuring Agency.	
√	TECH-3A	A. On the Terms of Reference	
√	TECH-3B	B. On the Counterpart Staff and Facilities	
√	TECH-4	Description of the Approach, Methodology, and Work Plan for Performing the Assignment	
√	TECH-5	Work Schedule and Planning for Deliverables	
√	TECH-6	Team Composition, Key Experts Inputs, and attached Curriculum Vitae (CV)	
<b>Note: All pages of the original Technical and Financial Proposal shall be initialed by the same authorized representative of the Consultant who signs the Proposal.</b>			

## Form TECH-1: Technical Proposal Submission Form

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{Location, Date}

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To: Jamshoro Power Company Limited (JPCL)  
Mohra Jabal Jamshoro

Dear Sirs:

We, the undersigned, offer to provide consulting services for “***Third Party Technical Consultant to Support Power Division/Committee in Review and Validation of Technical Aspects and Cost Estimates of the Bankable Feasibility Study for Conversion of 660 MW Jamshoro Power Plant from Imported Coal to Thar Lignite***” in accordance with your Request for Proposals dated [Insert Date] and our Proposal. [Select appropriate wording depending on the selection method stated in the RFP: “We are hereby submitting our Proposal, which includes this Technical Proposal, and a Financial Proposal sealed in a separate envelope”

{If the Consultant is a joint venture, insert the following: We are submitting our Proposal a joint venture with: {Insert a list with full name and the legal address of each member, and indicate the lead member}. We have attached a copy {insert: “of our letter of intent to form a joint venture” or, if a JV is already formed, “of the JV agreement”} signed by every participating member, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture.

{OR

If the Consultant’s Proposal includes Sub-consultants, insert the following: We are submitting our Proposal with the following firms as Sub-consultants: {Insert a list with full name and address of each Sub-consultant.}

We hereby declare that:

- (a) All the information and statements made in this Proposal are true and we accept that any misinterpretation or misrepresentation contained in this Proposal may lead to our disqualification by the Procuring Agency.



- (b) Our Proposal shall be valid and remain binding upon us until *[insert day, month and year in accordance with ITC 12.1]*.
- (c) We have no conflict of interest in accordance with ITC 3.
- (d) *[Note to Procuring Agency: Only if required in ITC10.2 (Data Sheet 10.2), include the following: In competing for (and, if the award is made to us, in executing) the Contract, we undertake to observe the laws against fraud and corruption, including bribery, in force in the country of the Procuring Agency.]*
- (e) Except as stated in the Data Sheet, Clause 12.7, we undertake to negotiate a Contract on the basis of the proposed Key Experts. We accept that the substitution of Key Experts for reasons other than those stated in ITC Clause 12 and ITC Clause 28.4 may lead to the termination of Contract negotiations.
- (f) Our Proposal is binding upon us and subject to any modifications resulting from the Contract negotiations.

We undertake, if our Proposal is accepted and the Contract is signed, to initiate the Services related to the assignment no later than the date indicated in Clause 30.2 of the Data Sheet.

We understand that the Procuring Agency is not bound to accept any Proposal that the Procuring Agency receives.

We remain,

Yours sincerely,

Authorized Signature {In full and initials}: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Name of Consultant (company's name or JV's name): \_\_\_\_\_

In the capacity of: \_\_\_\_\_

Address: \_\_\_\_\_

Contact information (phone and e-mail): \_\_\_\_\_

{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}

## Form TECH-2: Consultant's Organization and Experience

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Form TECH-2: a brief description of the Consultant's organization and an outline of the recent experience of the Consultant that is most relevant to the assignment. In the case of a joint venture, information on similar assignments shall be provided for each partner. For each assignment, the outline should indicate the names of the Consultant's Key Experts and Sub-consultants who participated, the duration of the assignment, the contract amount (total and, if it was done in a form of a joint venture or a sub-consultancy, the amount paid to the Consultant), and the Consultant's role/involvement.

### A - Consultant's Organization

1. Provide here a brief description of the background and organization of your company, and – in case of a joint venture – of each member for this assignment.
2. Include organizational chart, a list of Board of Directors, and beneficial ownership

### B - Consultant's Experience

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1. List only previous similar assignments successfully completed in the last [.....] years.
2. List only those assignments for which the Consultant was legally contracted by the Procuring Agency as a company or was one of the joint venture partners. Assignments completed by the Consultant's individual experts working privately or through other consulting firms cannot be claimed as the relevant experience of the Consultant, or that of the Consultant's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The Consultant should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so requested by the Procuring Agency.

Duration	Assignment name/& brief description of main deliverables/outputs	Name of Procuring Agency & Country of Assignment	Approx. Contract value (in US\$ equivalent)/ Amount paid to your firm	Role on the Assignment

<b>Duration</b>	<b>Assignment name/ &amp; brief description of main deliverables/outputs</b>	<b>Name of Procuring Agency &amp; Country of Assignment</b>	<b>Approx. Contract value (in US\$ equivalent)/ Amount paid to your firm</b>	<b>Role on the Assignment</b>
{e.g., Jan.2024– Apr.2025}	{e.g., “Improvement quality of.....”: designed master plan for rationalization of .....; }	{e.g., Ministry of ....., country}	{e.g., PKR 1 mill/PKR 0.5 mill}	{e.g., Lead partner in a JV A&B&C}
{e.g., Jan-May 2025}	{e.g., “Support to sub-national government.....” : drafted secondary level regulations on.....}	{e.g., municipality of....., country}	{e.g., PKR0.2 mil/PKR 0.2 mil}	{e.g., sole Consultant}

## **Form TECH-3: Comments & Suggestions**

### **COMMENTS AND SUGGESTIONS ON THE TERMS OF REFERENCE, COUNTERPART STAFF, AND FACILITIES TO BE PROVIDED BY THE PROCURING AGENCY**

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Form TECH-3: comments and suggestions on the Terms of Reference that could improve the quality/effectiveness of the assignment; and on requirements for counterpart staff and facilities, which are provided by the Procuring Agency, including: administrative support, office space, local transportation, equipment, data, etc.

#### **A - On Terms of Reference**

{Improvements to the Terms of Reference, if any}

#### **B - On Counterpart Staff and Facilities**

{Comments on counterpart staff and facilities to be provided by the Procuring Agency. For example, administrative support, office space, local transportation, equipment, data, background reports, etc., if any}

## Form TECH-4: Methodology

### DESCRIPTION OF APPROACH, METHODOLOGY, AND WORK PLAN IN RESPONDING TO THE TERMS OF REFERENCE

---

Form TECH-4: a description of the approach, methodology and work plan for performing the assignment, including a detailed description of the proposed methodology and staffing for training, if the Terms of Reference specify training as a specific component of the assignment.

{Suggested structure of your Technical Proposal (in FTP format):

- a) Technical Approach and Methodology
- b) Work Plan
- c) Organization and Staffing

- a) **Technical Approach and Methodology.** {Please explain your understanding of the objectives of the assignment as outlined in the Terms of Reference (TORs), the technical approach, and the methodology you would adopt for implementing the tasks ***Note to Procuring Agency: add the following for supervision of infrastructure contracts such as Plant or Works and for other consulting services where the social risks are substantial or high***: “(including on the [environmental and] social aspects)” to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/copy the TORs in here.}
- b) **Work Plan.** {Please outline the plan for the implementation of the main activities/tasks of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the Procuring Agency), and tentative delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing your understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents (including reports) to be delivered as final output(s) should be included here. The work plan should be consistent with the Work Schedule Form.}
- c) **Organization and Staffing.** {Please describe the structure and composition of your team, including the list of the Key Experts, Non-Key Experts and relevant technical and administrative support staff.}

## Form TECH-5: Deliverables

### WORK SCHEDULE AND PLANNING FOR DELIVERABLES

Nº	Deliverables <sup>1</sup> (D-..)	Months											
		1	2	3	4	5	6	7	8	9	....	n	TOTAL
<b>D-1</b>	{e.g., Deliverable #1: Report A												
	1) data collection												
	2) drafting												
	3) inception report												
	4) incorporating comments												
	5) .....												
	6) delivery of final report to Procuring Agency}												
<b>D-2</b>	{e.g., Deliverable #2:.....}												
<b>n</b>													

- 1 List the deliverables with the breakdown for activities required to produce them and other benchmarks such as the Procuring Agency's approvals. For phased assignments, indicate the activities, delivery of reports, and benchmarks separately for each phase.
- 2 Duration of activities shall be indicated in a form of a bar chart.
- 3 Include a legend, if necessary, to help read the chart.

## Form TECH-6: Team Composition

### TEAM COMPOSITION, ASSIGNMENT, AND KEY EXPERTS' INPUTS

N°	Name	Expert's input (in person/month) per each Deliverable (listed in TECH-5)										Total time-input (in Months)			
		Position		D-1		D-2		D-3	.....		D-...		Home	Field	Total
<b>KEY EXPERTS</b>															
K-1	{e.g., Mr. Abbbb}	[Team Leader]	[Home]	[2 month]		[1.0]		[1.0]							
			[Field]	[0.5 m]		[2.5]		[0]							
K-2															
K-3															
n															
											<b>Subtotal</b>				
<b>NON-KEY EXPERTS</b>															
N-1			[Home]												
			[Field]												
N-2															
n															
											<b>Subtotal</b>				
											<b>Total</b>				

- 1 For Key Experts, the input should be indicated individually for the same positions as required under the Data Sheet
- 2 Months are counted from the start of the assignment/mobilization. One (1) month equals twenty two (22) working (billable) days. One working (billable) day shall be not less than eight (8) working (billable) hours.
- 3 “Home” means work in the office in the expert’s country of residence. “Field” work means work carried out in the Procuring Agency’s country or any other country outside the expert’s country of residence.

Full time input  
 Part time input

**FORM TECH-6  
(CONTINUED)****CURRICULUM VITAE (CV)**

<b>Position Title and No.</b>	{e.g., K-1, TEAM LEADER}
<b>Name of Expert:</b>	{Insert full name}
<b>Date of Birth:</b>	{day/month/year}
<b>Country of Citizenship/Residence</b>	

**Education:** {List college/university or other specialized education, giving names of educational institutions, dates attended, degree(s)/diploma(s) obtained}

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**Employment record relevant to the assignment:** {Starting with present position, list in reverse order. Please provide dates, name of employing organization, titles of positions held, types of activities performed and location of the assignment, and contact information of previous Procuring Agency's and employing organization(s) who can be contacted for references. Past employment that is not relevant to the assignment does not need to be included.}

<b>Period</b>	<b>Employing organization and your title/position. Contact info for references</b>	<b>Country</b>	<b>Summary of activities performed relevant to the Assignment</b>
[e.g., May 2005-present]	[e.g., Ministry of ....., advisor/consultant to...  For references: Tel...../e-mail.....; Mr. Hbbbb, deputy minister]		

**Membership in Professional Associations and Publications:**

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**Language Skills (indicate only languages in which you can work):** \_\_\_\_\_

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**Adequacy for the Assignment:**

<b>Detailed Tasks Assigned on Consultant's Team of Experts:</b>	<b>Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks</b>
<b>{List all deliverables/tasks as in TECH- 5 in which the Expert will be involved)</b>	

**Expert's contact information:** (e-mail ....., phone.....)**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available, as and when necessary, to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Procuring Agency.

{day/month/year}

---

Name of Expert

Signature

Date

{day/month/year}

---

Name of authorized  
Representative of the Consultant  
(the same who signs the Proposal)

Signature

Date

## **Section IV. Financial Proposal - Standard Forms**

{*Notes to Consultant* shown in brackets { } provide guidance to the Consultant to prepare the Financial Proposals; they should not appear on the Financial Proposals to be submitted.}

Financial Proposal Standard Forms shall be used for the preparation of the Financial Proposal according to the instructions provided in Section 2.

- |       |  |
|-------|--|
| FIN-1 | Financial Proposal Submission Form   |
| FIN-2 | Summary of Costs   |
| FIN-3 | Breakdown of Remuneration, including Appendix A “Financial Negotiations - Breakdown of Remuneration Rates” in the case of QBS method |
| FIN-4 | Reimbursable expenses  |

**Form FIN-1: Financial Proposal Submission Form**

---

{Location, Date}

To: [Name and address of Procuring Agency]

---

Dear Sirs:

We, the undersigned, offer to provide the consulting services for [Insert title of assignment] in accordance with your Request for Proposal dated [Insert Date] and our Technical Proposal.

Our attached Financial Proposal is for the amount of {Indicate the corresponding to the amount(s) currency (ies)} {Insert amount(s) in words and figures}, *[Insert “including” or “excluding”] of all indirect local taxes in accordance with Clause 25.1 in the Data Sheet.* The estimated amount of local indirect taxes is {Insert currency} {Insert amount in words and figures} which shall be confirmed or adjusted, if needed, during negotiations. {Please note that all amounts shall be the same as in Form FIN-2}.

Our Financial Proposal shall be valid and remain binding upon us, subject to the modifications resulting from Contract negotiations until *[insert day, month and year in accordance with ITC 12.1]*.

Commissions and gratuities paid or to be paid by us to an agent or any third party relating to preparation or submission of this Proposal and Contract execution, paid if we are awarded the Contract, are listed below:

Name and Address of Agents	Amount and Currency	Purpose of Commission or Gratuity
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>

{If no payments are made or promised, add the following statement: “No commissions or gratuities have been or are to be paid by us to agents or any third party relating to this Proposal and Contract execution.”}

---

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature {In full and initials}: 

---

Name and Title of Signatory: 

---

In the capacity of: 

---

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

{For a joint venture, either all members shall sign or only the lead member/consultant,  
in which case the power of attorney to sign on behalf of all members shall be attached}

## Form FIN-2: Summary of Costs

Item	Cost			
	{Consultant must state the proposed Costs in accordance with Clause 16.4 of the Data Sheet; delete columns which are not used}			
	<i>{Insert Foreign Currency # 1}</i>	<i>{Insert Foreign Currency # 2, if used}</i>	<i>{Insert Foreign Currency # 3, if used}</i>	<i>{Insert Local Currency, if used and/or required (16.4 Data Sheet)}</i>
<b>Cost of the Financial Proposal</b>				
Including:				
(1) Remuneration				
(2) Reimbursable				
<b><u>Total Cost of the Financial Proposal:</u></b> {Should match the amount in Form FIN-1}				
<b>Indirect Local Tax Estimates – to be discussed and finalized at the negotiations if the Contract is awarded</b>				
(i)     {insert type of tax e.g., VAT or sales tax}				
(ii)    {e.g., income tax on non-resident experts}				
(iii)   {insert type of tax}				
<b><u>Total Estimate for Indirect Local Tax:</u></b>				

**Footnote: Payments will be made in the currency (ies) expressed above (Reference to ITC 16.4).**

### Form FIN-3: Breakdown of Remuneration

A. Remuneration								
No.	Name	Position (as in TECH-6)	Person-month Remuneration Rate	Time Input in Person/Month (from TECH-6)	{Currency # 1- as in FIN-2}	{Currency # 2- as in FIN-2}	{Currency# 3- as in FIN-2}	{Local Currency- as in FIN-2}
	<b>Key Experts</b>							
K-1			[Home]					
			[Field]					
K-2								
	<b>Non-Key Experts</b>							
N-1			[Home]					
N-2			[Field]					
	Total Costs							

## Sample Form

Consultant:  
Assignment:

Country:  
Date:

### Consultant's Representations Regarding Costs and Charges

We hereby confirm that:

- (a) the basic fees indicated in the attached table are taken from the firm's payroll records and reflect the current rates of the Experts listed which have not been raised other than within the normal annual pay increase policy as applied to all the Consultant's Experts;
- (b) attached are true copies of the latest pay slips of the Experts listed.
- (c) the away- from- home office allowances indicated below are those that the Consultant has agreed to pay for this assignment to the Experts listed;
- (d) the factors listed in the attached table for social charges and overhead are based on the firm's average cost experiences for the latest three years as represented by the firm's financial statements; and
- (e) said factors for overhead and social charges do not include any bonuses or other means of profit-sharing.

\_\_\_\_\_  
[Name of Consultant]

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date

Name: \_\_\_\_\_

Title: \_\_\_\_\_

## Consultant's Representations Regarding Costs and Charges (Model Form I)

(Expressed in {insert name of currency\*})

Personnel		1	2	3	4	5	6	7	8
Name	Position	Basic Remuneration Rate per Working Month/Day/Year	Social Charges <sup>1</sup>	Overhead <sup>1</sup>	Subtotal	Profit <sup>2</sup>	Away from Home Office Allowance	Proposed Fixed Rate per Working Month/Day/Hou r	Proposed Fixed Rate per Working Month/Day/Hour <sup>1</sup>
Home Office									
Procuring Agency's Country									
				_____					
				_____					

{\* If more than one currency is used, use additional table(s), one for each currency}

1. Expressed as percentage of 1
2. Expressed as percentage of 4



## Form FIN-4 BREAKDOWN of Reimbursable Expenses

B. Reimbursable Expenses								
Nº	Type of Reimbursable Expenses	Unit	Unit Cost	Quantity	{Currency # 1- as in FIN-2}	{Currency # 2- as in FIN-2}	{Currency# 3- as in FIN-2}	{Local Currency- as in FIN-2}
___	{e.g., Per diem allowances**}	{Day}		_____				
___	{e.g., International flights}	{Ticket}		_____				
___	{e.g., In/out airport transportation}	{Trip}						
	{e.g., Communication costs between Insert place and Insert place}				_____			
	{ e.g., reproduction of reports}				_____			
	{e.g., Office rent}				_____			
	.....				_____			
	{Training of the Procuring Agency's personnel – if required in TOR}				_____			
Total Costs								

**Legend:**

“Per diem allowance” is paid for each night the expert is required by the Contract to be away from his/her usual place of residence. Procuring Agency can set up a ceiling.



## Proposal Security Form

To: [name of the Procuring Agency]

Whereas [name of the Consultant] (hereinafter called “the Consultant/Service Provider”) has submitted its proposal dated [date of submission of Proposal] for the provision of [name and/or description of the consultancy services] (hereinafter called “the proposal”).

KNOW ALL PEOPLE by these presents that WE [name of Financial Institution] of [name of country], having our registered office at [address of Financial Institution] (hereinafter called “the Bank”), are bound unto [name of PA] (hereinafter called “the Procuring Agency”) in the sum of [amount] for which payment well and truly to be made to the said Procuring Agency, the Bank binds itself, its successors, and assigns by these presents.

Sealed with the Common Seal of the said Bank this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

THE CONDITIONS of this obligation are:

1. If the Proposal
  - (a) have withdrawn or modified our Proposal during the period of Proposal Validity specified in the Form of Proposal;
  - (b) Disagreement to arithmetical correction made to the Proposal price; or
  - (c) having been notified of the acceptance of our Proposal by the Procuring Agency during the period of Proposal 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 SRFP Documents.
2. We undertake to pay to the Procuring Agency up to the above amount upon receipt of its first written demand, without the Procuring Agency having to substantiate its demand, provided that in its demand the Procuring Agency states the amount claimed by it is due to it, owing to the occurrence of one or both of the conditions, specifying the occurred condition or conditions.

This guarantee shall remain in force up to and including twenty-eight (28) days after the period of Proposal Validity, and any demand in respect thereof should reach the Bank not later than the above date.

Name: ..... in the capacity of .....

signed

\_\_\_\_\_  
[Signature of the Bank]

**Dated on ..... day of ..... 20 .....**

## Proposal Securing Declaration

*[The Consultant shall fill in this Form in accordance with the instructions indicated.]*

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

Proposal No.: *[insert number of Proposal process]*

Alternative No.: *[insert identification No if this is a Proposal for an alternative]*

To: *[insert complete name of Procuring Agency]*

We, the undersigned, declare that:

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

We accept that we will automatically be suspended from being eligible for Bidding in any contract with the Procuring Agency for the period of time as determined by the Authority if we are in breach of our obligation(s) under the Proposal conditions, because we:

- (a) have withdrawn or modified our Proposal during the period of Proposal Validity specified in the Form of Proposal;
- (b) Disagreement to arithmetical correction made to the Proposal price; or
- (c) having been notified of the acceptance of our Proposal by the Procuring Agency during the period of Proposal 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 SRFP Documents.

We understand this Proposal Securing Declaration shall expire if we are not the successful Service Provider, upon the earlier of (i) our receipt of your notification to us of the name of the successful Service provider; or (ii) twenty-eight (28) days after the expiration of our Proposal.

Signed: *[insert signature of person whose name and capacity are shown]* In the capacity of *[insert legal capacity of person signing the Proposal Securing Declaration]*

Name: *[insert complete name of person signing the Proposal Securing Declaration]*

Duly authorized to sign the Proposal for and on behalf of: *[insert complete name of Service Provider]*

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*

Corporate Seal (where appropriate)

## Section V: Eligible Countries

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

Following countries are ineligible to participate in the procurement process:

1. India
2. Israel

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

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

1. *state "none"]*

## Section VI: Terms of Reference

### **Third-Party Consultant – Technical Review Validation of BFS on Conversion of 660 MW Jamshoro Power Plant from Sub-bituminous Imported Coal to Thar Lignite Coal**

**Subject:** Terms of Reference (TOR) for Third-Party Technical Consultant to Support Power Division/Committee in Review and Validation of Technical, Financial and Environmental Aspects of the Bankable Feasibility Study for Conversion of 660 MW plant of Jamshoro Power Company Limited (JPCL) from Imported Coal to Thar Lignite

#### **1. BACKGROUND**

The Government of Pakistan, through the Ministry of Energy (Power Division)/Committee, is overseeing a Bankable Feasibility Study (BFS) for conversion of the 660 MW Jamshoro Power Plant from a blend of 80% imported sub-bituminous coal and 20% Thar lignite blend to 100% Thar lignite. This initiative is in line with national objectives to reduce dependency on imported fuel and enhance utilization of indigenous coal resources.

M/s Dornier Power & Heat GmbH has been hired by K-Electric to conduct the Bankable Feasibility Study (BFS). The Scope of services to be carried out by the Dornier Power is attached as Annex-A. To ensure objectivity, transparency, cost-efficiency, and technical soundness of the study, JPCL intends to appoint a Third-Party Technical Consultant. The Consultant will critically evaluate the technical proposals, designs, environmental parameters and cost estimates, financial and economic analysis submitted as part of the BFS. The Consultant will present their findings, views, comments and recommendations to the Committee for decision making.

#### **2. OBJECTIVE**

The key objective is to provide independent technical oversight and validation of Dornier's work during the course of the BFS, with a special focus on:

- Technical soundness and feasibility of the proposed retrofit and conversion solutions;
- Cost justification for equipment modifications and replacements;
- Ensuring the bankability of the proposed conversion from a technical, financial and environmental standpoint

#### **3. SCOPE OF SERVICES OF THE CONSULTANT**

The consultant shall comprehensively review, confirm, verify, investigate, scrutinize, and assess the work conducted by the consortium of M/s Dornier. This includes evaluating the accuracy and reliability of technical assessments, financial projections, and ensuring alignment with regulatory standards. The consultant will also identify potential gaps, validate assumptions, and provide evidence-based recommendations. The consultant will examine Dornier's Inception Report, approach, assumptions, modeling frameworks, and technical baselines. The consultant will suggest improvements and identify gaps in initial methodology.

#### **A. Review of Entire Technical Scope**

- Validate and analyze all key systems and components proposed for modification or replacement, including but not limited to: Fuel Handling, Storage Lignite Coal drying, Coal Preparation, Boiler and Combustion System, Emissions and Environmental Controls, Ash Handling Systems, Turbine and Steam Cycle Integration, Auxiliary Systems

#### **B. Technical Cost Validation**

- Review Dornier's cost proposals for major equipment replacements and system upgrades.
- Compare proposed costs with benchmark international prices.
- Suggest alternative solutions or suppliers where cost reduction is feasible without compromising quality or compliance.

#### **C. Financial & Economic Analysis**

- The consultant should verify assumptions and recommend the financial and economic impact to ascertain all workable scenarios.
- Re-assess financial implications on heat rate, generation output, and plant life expectancy.
- Review and validate financial model assumptions, including capital expenditures, operating costs, opportunity costs, fuel prices, revenue projections, and access incidental outcomes.
- Compare the conversion cost impact on tariff structures with the existing NEPRA-notified tariff for JPCL on imported coal.
- Analyze potential savings from efficiency improvements and reduced costs of Thar lignite coal.
- Examine financial viability using revised IRR versus original IRR submitted to NEPRA, NPV, and payback period.
- Ensure data-driven recommendations for project sustainability and long-term financial outlook and Potential savings in Foreign Exchange.
- Sensitivity analysis to exchange rate, coal prices, interest rate, net output, debt equity ratio, efficiency of plant, interest during conversion, effect on capacity payments etc.
- Demand forecast for power dispatch of K-electric and ISMO/NGC

#### **D. Environmental Analysis**

- Review the environmental impact assessment (EIA) and social impact assessment (SIA) conducted for the conversion project.

- Review the compliance with relevant environmental regulations and standards after conversion including Sindh Environmental Protection Agency, ADB environmental guidelines.
- Review the study of Hagler Bailly for assessing the potential social impacts and benefits of the project on environment.

**E. Risk Analysis:**

- Review and assess potential risks associated with the conversion project, including technical, financial, environmental, and regulatory risks.

**F. Testing, Modeling, And Assumptions**

- Review combustion simulations, slagging/fouling projections, and fuel compatibility modeling.
- Review data and assumptions related to plant efficiency, boiler heat rate, emissions, and O&M impact.

**G. Performance Metrics and Technical Outputs**

- Validate performance indicators such as:
  - Net Heat Rate
  - Emission Factors
  - Availability and Load Factor after conversion

**H. Coordination and Ongoing Review**

- Provide written review comments for all technical documents submitted by Dornier to the Committee/GOP.

**4. DELIVERABLE:**

- Inception Technical Review Report: Review & Evaluation** of Dornier's initial approach and methodology.
- Periodic Technical Review Notes:** Written comments on Dornier's interim submissions (designs, proposals, testing results).
- Detailed Technical Validation Report:** Comprehensive evaluation covering all reviewed areas. Summary of findings, cost comparisons, and recommended alternatives.
- Presentations to Committee/PoE:** At key milestones to present observations and incorporate feedback.
- Technical Due Diligence Checklist** as an annex to the Validation Report
- Deviation Tracker:** Log of differences between Dornier's assumptions and the consultant's findings
- Dynamic Cost Comparison Sheet:** Summary comparing Dornier's cost estimates vs. international benchmarks (e.g., using latest global EPC pricing references)

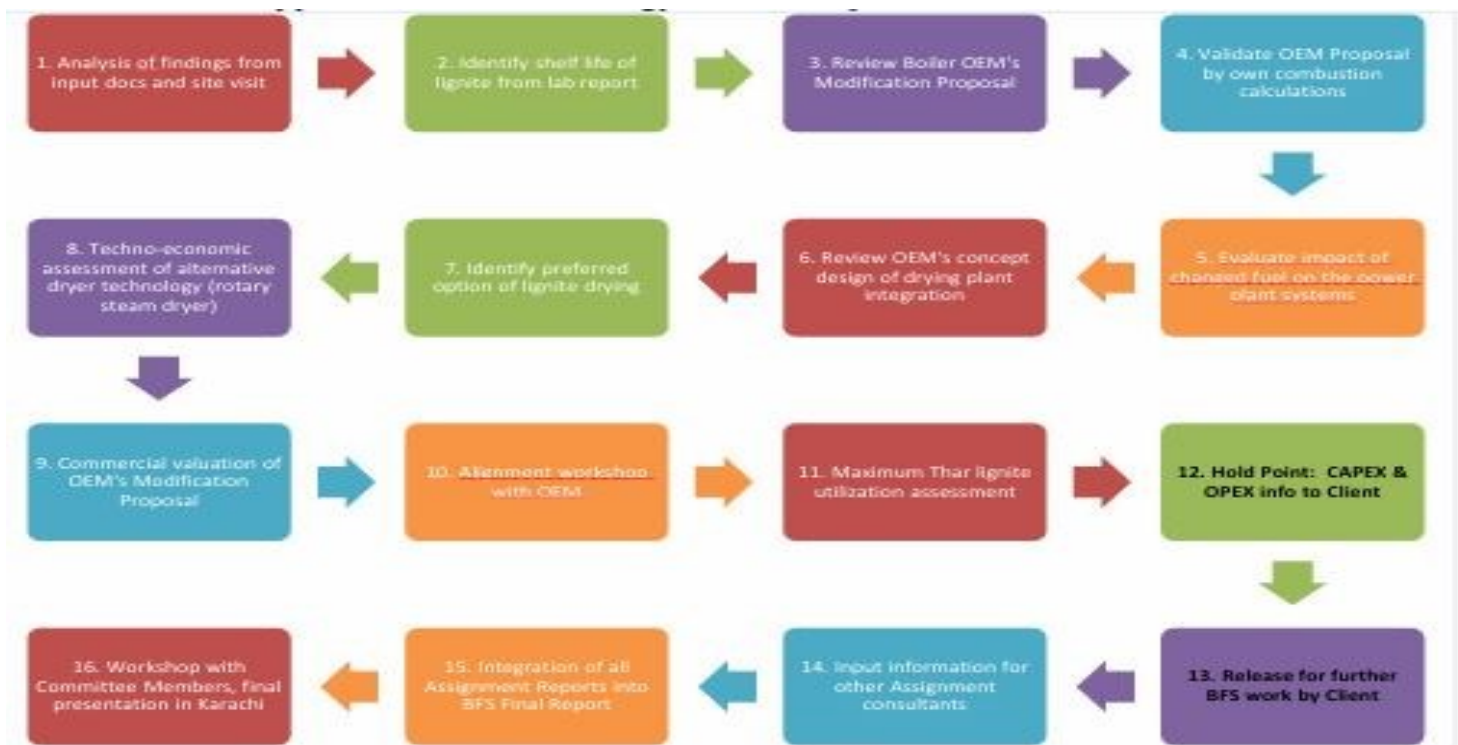


- (viii) Report on Technical, Environmental, economic and financial analysis as enumerated in clause 3 above.

##### 5. DURATION OF ASSIGNMENT:

- The total duration aligned with the BFS timeline — tentatively 4 months.
- Consultant must ensure availability to review submissions in parallel and without delay.

**Bankable Feasibility Study – Assignment I** The scope of work for Assignment I will contain several work packages which are further structured in sub-activities and tasks. The following chart identifies the main work packages and subsequently the Consultant’s approach and methodology for the Project.



*Figure 2: Work Packages of the Assignment I Feasibility Study Scope of Work*

While work packages 1, 2, and 3 can be performed partly in parallel, the subsequent packages are partly dependent on the outcome of the previous package. As per Client’s request, a hold point (#12) is introduced after submission of CAPEX and OPEX estimates to the Client for internal financial modelling. Any further work on providing input to other Assignment consultants and integration of Assignment Reports into BFS will depend on Client’s release.

Analysis and validation of findings from input documents and site visit Basis for the BFS will be the existing input documents provided by the Client as per ToR 3.2 – which were reviewed already under sub-section 5.3 - and the Consultant’s site visit. All the documents and gathered

information will be validated by the respective team members and cross-checked to have a valid data basis for the subsequent steps.

It is assumed that the Lignite Drying Technology study will provide evaluation results of lignite drying down to 26% moisture (based on directly heated rotary dryers) and about 10 – 18 % (based on tubular steam dryers or fluid bed dryers).

The plant design of Unit 01 is considering a mix of 80% imported coal (sub-bituminous) and 20% Thar raw lignite while the EPC Contractor's proposal for modification for converting the power plant to 100% local Thar lignite.

It is understood that the EPC Contractor's proposal for modification is based on using Chinese rotary dryers and does not account for using other drying technologies which allow achieving lower lignite moisture contents. This topic as well as potential alternative steam dryer technology shall be later addressed in a joint workshop (work package #10) with the EPC contractor.

The different key parameters of the initial plant design of 80/20 fuel mix and the new 100% fuel are shown in Table 1 below. While the moisture is assumed to be in the design range of 26% or even lower, the heating value will change in dependence of the final moisture content, and sulphur and ash content will drastically increase. These effects shall be evaluated by the Consultant.

Table 1:Key fuel properties, Source : Hagler Bailly ESIA document R3V10GRT: 10/29/13

<b>Parameter</b>	<b>Initial Design: 80/20 fuel mix</b>	<b>New design: 100% dried lignite fuel</b>
Moisture	26.58%	10 – 26 %
HHV kcal/kg	4,270	Tbd
Sulphur	1.15 %	2.7 %
Ash	8.8 %	15.1%

The use of Thar dried lignite will have some implications on Jamshoro Unit 01<sup>2</sup>, such as:

- Coal unloading, handling and storage systems
- Combustion system (coal mills, burners, combustion chamber, PA and FD fans)
- Steam generator
- Bottom and fly ash handling systems and disposal
- Emission control systems and flue gas path (SCR-DeNO<sub>x</sub>, ESP, FGD)

- BoP (i.e. firefighting, compressed air, auxiliary power supply)
- Installation of the new lignite drying plant at site

which shall be further analyzed by the respective team members. A gap analysis will highlight contradicting data and identify the need for performing additional site specific information or studies to be discussed with the Client.

**Lignite Drying Behavior & Safety Parameters.** The Lignite Drying Technology Report and the Laboratory Test results will be reviewed and analyzed by the Boiler & Lignite Drying Expert. He has been working in similar assignments of using dried lignite for IGCC projects, oxyfuel boilers and for start-up burners using dried lignite in Germany. The tested drying behaviors of the Thar Lignite will be benchmarked with the results of the Lignite Drying Technology Report aiming to confirm that the Thar lignite is suited for the suggested drying technologies.

It is well known that dried lignite has a tendency for self-ignition and carries some explosion risk in case of dust layers. This needs to be duly considered for the plant design. The Dried Lignite Safety Parameters, such as

- Minimum ignition temperature of the dust cloud
- Lower explosion limit
- Maximum explosion pressure
- Dust explosion class
- Minimum ignition energy of a dust layer
- Burning behavior at room temperature and at 100 °C
- Characteristic values for dust characterization
- Oxygen limit concentration for inertisation with nitrogen
- Specific electrical dust resistance
- Spontaneous ignition behaviour/spontaneous ignition temperature.

will be identified for later cross-checking with the EPC's Modification Proposal. The shelf life of the lignite – taken from the lab test results – will be identified as an important parameter for consideration of any transport and storage operations.

**Review the Boiler OEM's Modification Proposal** The Boiler OEM's studies and plant modification proposal for using Thar lignite will be reviewed and analysed in the lignite of the Lignite Drying Technology Study and the Lab Test results.

The design basis, i.e. the fuel properties of the EPC documents will be validated with the data from the drying study and lab tests. Any deviations will be highlighted. The fuel properties are

determining key parameters of the combustion process, such as the heat input, flue gas volume and composition (i.e. ash content, sulphur oxides).

Considering that fact that the combustion system, the steam generator and the flue gas system are already built (and shall ideally not be modified), the flue gas flow will be a determining factor for the maximum use of Thar lignite. The physical dimensions of the steam generator (as well as of the flue gas path until the stack) allow only for a certain amount of flue gas flow in order to have good heat flux to the heating surfaces of the steam generator on the one hand. On the other hand, it is important to accommodate flue gas velocities in downstream systems within the limits of good engineering design practice.

For this purpose, the Consultant will perform combustion calculations for validating the EPC's Modification Proposal. The initial combustion calculation will be based on the exergy balance method (Carnot method) to determine the flue gas volume flow<sup>3</sup> for the below fuel cases:

- i. Design fuel mix (80% imported coal, 20 % Thar raw lignite) for determining flue gas volume (base case)
  - ii. 100 % Thar lignite dried down to about 26 % moisture (max. moisture case)
  - iii. 100 % Thar lignite dried down to about 10 - 18%<sup>4</sup> moisture (max coal-max drying case)
  - iv. Determination of the maximum amount of Thar dried lignite (of a moisture determined by Dornier), in order to achieve the same flue gas volume flow as per base case (low-CAPEX case)
  - v. Determination of the maximum share of Thar raw lignite while mixing with imported coal, in order to achieve the same flue gas volume flow as per base case (no-CAP case); or the same assessment can be carried out while running the first case.
- The results of the combustion calculations will be benchmarked against each other and subsequently analysed with respect to implications on the plant modifications and amounts of Thar coal usage.

#### Impact of the changed fuel on power plant systems

The EPC's concept design of the Modification Proposal changed fuel input in terms of quantity and quality on the power plant equipment will be analysed with regard to:

- Coal unloading and storage yard:
  - o Can the increased amount of fuel (due to lower heating value) be accommodated by the existing coal unloading and reclaiming equipment and is the storage space sufficient?
  - o Are any equipment modifications required (i.e. firefighting, dedusting)
  - o Does the lignite require separate unloading and storage?

- Coal and ash handling systems:
  - o Can the increased amount of fuel be accommodated by the existing coal handling equipment?
  - o Can the increased ash amount be accommodated by the existing ash handling, intermediate storage and final disposal site?
  - o Are any equipment modifications required (i.e. firefighting, dedusting)?
  - o What handling and intermediate storage systems are required for the dried lignite?
- Milling, combustion systems, combustion chamber
  - o Are the existing coal pulverisers capable and needed for the new fuel?
  - o Are the existing burners and ignition system capable for the new fuel?
  - o Is the burner and combustion air arrangement okay for lignite fuel?
  - o What is the flue gas velocity in the combustion chamber?
- Air and flue gas systems
  - o Are the existing PA and FD fans designs sufficient in terms of flow and pressure?
  - o Expected impacts on the SCR-DeNOx
  - o Expected impacts on the ESP
  - o Expected impacts on the FGD
  - o Expected impacts on the ducts and stack
- Balance of Plant
  - o Increased amount of utilities such as compressed air (i.e. for pneumatic systems) and auxiliary power (i.e. for larger drives) etc.

Review OEM's concept design of drying plant integration It is noted that the Consultant will not develop own concept design but only review and analyze the EPC's/Boiler OEM's concept design as far as available. This includes an evaluation of:

- Process flow diagrams
- Heat balance diagrams
- Single-line diagrams
- Integration of the Lignite Drying Technology as part of the power plant.

- o Layout of the drying equipment
- o Layout of coal unloading, storage, handling systems and connection with the boiler house
- o Utility requirements of the Lignite drying plant.
- Necessary plant modifications under consideration of initial combustion calculation results
- Necessary plant modifications under consideration of the lab test results on safety features of the lignite
- Evaluate the effects of the lignite's heating value on the power plant generator's performance by heat balance diagram (HBD) modelling using a commercial software, such as Ebsilon Professional © or SteamPro. The Consultant will use the available data from Siemens HBD at 100% rated capacity and establish a software model of the heat cycle. The boiler – which is unspecified in the Siemens HBD - will be considered as a black box with regard to the heat transfer (balance area). Mass flow and temperature of the live steam from boiler are required for this modelling. The heat balance shall be first simulated for the design case in order to check against EPC's results and then simulating all the fuel options (as per combustion calculations) using Thar lignite to evaluate the effects on the power unit's output power, efficiency, auxiliary consumption, fuel consumption.

Identify and analyse preferred technology option of lignite drying Dornier is prepared to extend Assignment I Power Plant Design scope to cover one alternative lignite drying technology which has not been part of the EPC proposal but comes as a result of the lignite drying technology selection study (Input document). The lignite drying technology study concluded that rotary steam dryers are the preferred technology for the Jamshoro project with distinction of type-2 dryer. Type-1 dryer would also be applicable. These results will be used for feasibility analysis of integrating rotary steam dryers into Jamshoro Unit-1.

The scope of work includes:

- Arranging contacts with drying technology vendors, preparation of a technical description and specification to obtain budgetary proposal and technical design and utility consumption data from the vendors
- Sizing of main equipment
- Estimation of utility requirements of the lignite drying plant. (steam, power)
- Layout of the drying equipment and of the drying plant building into the plot plan of Jamshoro power plant
- Process flow diagram for alternative drying technology
- Integration of the lignite drying plant as part of the power plant.

- Integration of the Lignite Drying Technology as part of the power plant. Layout of drying equipment
- Layout of coal unloading, storage, handling systems and connection with the boiler house
- Utility requirements of the Lignite Drying plant.
- Identification of necessary power plant modifications under consideration of initial combustion calculation results
- Single-line diagram for alternative drying technology
- Necessary power plant modifications under consideration of the lab test results on safety features of the Lignite
- Identification of necessary power plant modifications under consideration of initial combustion calculation results
- Necessary power plant modifications under consideration of the lab test results on safety features of the lignite.
- Heat balance diagram for alternative drying technology is integrated with the power plant. The evaluation of one additional drying technology would include all the scope that will be required to update the Heat Balance Drawings of the Modified power plant. Thereby implying that now the Consultant will carry out its own workings and will not be requiring HBD with the Boiler OEM modification proposal, and the HBD developed for the base plant design of 80% imported coal and 20% local coal will serve the requirements.
- Evaluate the effects of the lignite's heating value on the power plant generator's performance by heat balance diagram (HBD) modelling using a commercial software, such as Ebsilon Professional © or SteamPro. The Consultant will use the available data from Siemens HBD at 100 % rated capacity and establish a software model of the heat cycle. The boiler – which is unspecified in the Siemens HBD - will be considered as a black box with regard to the heat transfer (balance area). Mass flow and temperature of the live steam from boiler are required for this modelling. The heat balance shall be simulated for the full load and half load design case.
- Estimation of CAPEX and OPEX as input for Assignment III
- Flue gas stack emissions of drying plant and power plant.

#### Commercial valuation of OEM's Modification Proposal

The EPC Contractor's modification proposal will be commercially assessed (subject to available data) with regard to

- investment cost implications associated with the plant modifications
- time schedule

- construction requirements and other pre-conditions.
- Detailed cost implications (Capex and Opex) associated with the plant modifications, procuring new equipment against the benchmark of the existing plant
- Plant Shutdown time requirements
- Performance Guarantees output and efficiency.
- Implications on the remaining project life of the Project.

Subject to availability of EPC contractor's data, the Consultant will provide a commercial assessment of KPIs, such as CAPEX / Construction Cost, OPEX, construction time (for modification), warrantee parameters, commercial availability on the market, potential challenges, limitations, unit power output and efficiency.

#### Alignment workshop with Boiler OEM

Although not part of the ToR, it is suggested that the Consultant will arrange an optional workshop (video conference) with the Boiler OEM to present and discuss actual study findings and address potential information and data gaps.

The workshop is intended to align the understanding of Boiler OEM and Consultant on certain project aspects (i.e. the need for plant modification) and to evaluate the EPC / Boiler OEM's interest and buy-in to integrate other lignite drying technologies.

#### Cost-benefit analysis of drying at mine or power plant

The cost benefit analysis for the preferred siting option (i.e. mine mouth or power plant) requires an extensive multi-factor analysis of cost-benefits at mine, cost-benefits for transportation and cost benefits at power plant. This would require deep insight into the costing at the mine and the railway company and would be a study of its own. Such a study would yield different results for different lignite drying technologies and for different amounts of lignite to be dried. Such a cost-benefit analysis must also take into account the shelf life and other safety features for storing and transporting raw or dried lignite over long distances by rail and the resulting CAPEX and OPEX for new rolling stock of the Pakistani Railways, but also at mine mouth and power plant. This is not possible as part of the BFS for Jamshoro Unit 01 and excluded from the Consultant's scope. For the purpose of this Assignment I-BFS, a simplified cost-benefit analysis will be prepared listing the pros and cons of each option for the fuel supply of Jamshoro Unit 01. This shall be based on previous studies conducted and provided by the Client and the Consultant's own assessments. Where possible, estimations of CAPEX and OPEX shall be considered.

Input information for Economic Assessment (Assignment III) and Mid Project Presentation



Based upon the EPC Contractor's Modification Proposal's and the Lignite Drying Technology Study's techno-commercial data as well as the Consultant's own estimations, the following information is expected to be provided as input to the Client as input for Assignment III:

- CAPEX and OPEX for lignite drying plant
- CAPEX and OPEX for power plant modification and integration
- Expected power plant operation hours per year
- Coal consumption
- Power plant net efficiency
- Maximum power generation capability.
- Construction Timelines, Shutdown requirements, Lead time, Aux consumption would also be provided.

The preliminary results of the Assignment I study and the key takeaways from the workshop with the Boiler OEM will be presented in the Mid Project Presentation to the Client. This is a hold point for pausing any activities of the Consultant. It is understood that the Client will use the preliminary results of Assignment I for conducting in-house financial modelling. Based on the Client's satisfaction with the preliminary financial results, the further work will be either released or terminated.

Input information for other Assignments:

In the case the Client released further work, the below activities will be undertaken:

#### 1.1.1.1 Input information for ESIA (Assignment II) and validation of results

Based on the previous work steps, the Consultant will provide input information to the ESIA team. This is mainly regarding the amount of Thar lignite required, generated ash and flue gas stack emissions on basis of the initial combustion calculation results for the different fuel mix options. Also, information on the lignite drying technology and flue gas cleaning, its integration with the power plant and media effects, such as emissions, potential water re-use of condensed vapor etc. shall be provided to the Assignment II consultant. Upon availability of the updated ESIA, Dornier will validate the results.

#### 1.1.1.2 Input information for Risk assessment (Assignment V)

The Consultant will provide a list of key technical risks to be considered under Assignment V. Assignment V contractor shall evaluate the likelihood and possible mitigation options on its own. Dornier will not review the results of Assignment V if it is not conducting it by itself as optional service. . This is now not applicable.

#### 1.1.1.3 Input information for Implementation Plan (Assignment VI)

The Consultant will provide a list of milestones to be considered under Assignment VI for the implementation time schedule. Dornier will not review the results of Assignment VI if it is not conducting it by itself as optional service. This is now not applicable.

Outline of follow-on work:

Based on the previous analysis work, the Consultant will outline any follow-on work after completion of the Assignment I Report and identify any need for special studies such as a CFD study updating of design or value engineering work.

Preparation of draft Technical Feasibility Report

The Consultant will draft the Technical Feasibility Report (Assignment I Report) as a self-standing report which may be later used by a third party as the key report for preparation of the BFS. The Technical Feasibility Report will include an executive summary and chapters on the various technical aspects as described in this proposal's subheadings above. The draft report shall identify among others

- previous reference projects on applying lignite drying technologies for power generation
- previous reference projects on fuel change / conversion at utility boilers with a particular focus on pie-type boilers
- potential OEMs for the lignite drying technology
- impacts of the conversion on availability, net output and efficiency of Unit 01.

The draft Technical Feasibility Report is expected to be submitted after Client's release of further work. It will be provided by e-mail or download in MS Word and PDF formats to the Client, who will be responsible for further distribution to relevant stakeholders and Committee Members.

Workshop with Committee Members:

After submission of the draft Technical Feasibility Report, Consultant and Client will agree the timing of the Workshop with Committee Members (either as Assignment I workshop or with other consultants as BFS workshop).

This workshop is planned either as video conference or physical meeting of not more than 3 hours duration. It will be participated by selected key experts of the Consultant, which is to set the ground with a presentation of key findings.

Moderation of the workshop will be with the Client, which is also responsible for submission of one set of consolidated comments of the Committee Members for consideration in the final report.

**Preparation of final Technical Feasibility Report (Assignment I Report)**

Upon receipt of the Committee Members' consolidated comments by the Client, the Consultant will review them for updating of the Technical Feasibility Report. The final Technical Feasibility Report is expected to be submitted within 4-5 workdays upon receipt of the comments. It will be submitted by e-mail or provided as download in MS Word and PDF format to the Client.

**Final presentation of Technical Feasibility Report (Assignment I Report)**

Shortly after submission of the final Technical Feasibility Report, the Consultant's Project Manager or Director shall make final presentation as video conference using MS Teams and be available for questions by the Client/Stakeholders. This presentation and discussion are planned for 1.5 hours. The discussion is not to incorporate further comments but shall be rather focused on future project implementation.

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## ELIGIBILITY AND QUALIFICATION

### Eligibility Criteria

Sr. No.	Eligibility Criteria	Requirement	Remarks	Documentary Evidence
1.	Nationality	Must be from eligible countries	Must meet requirement	Required
2.	Conflict of Interest	No conflicts of interest	Must meet requirement	Required
3.	Eligibility Criteria	Mandatory legal and tax requirements	Must meet requirement	Required
4.	History of Non-Performing Contracts	Non-performance of a contract did not occur as a result of Consultant's default since 1st January, 2022	Must meet requirement	Required
5.	Pending Litigation	Consultant's financial position and prospective long-term profitability still sound and assuming that all pending litigation will be resolved against the Consultant	Must meet requirement	Required
6.	Litigation History	No consistent history of court/arbitral award decisions against the Consultant since 1st January 2022	Must meet requirement	Required
7.	Non-Blacklisting Declaration	The Applicant must declare that it is not currently blacklisted in any public/private sector organization across Pakistan or any other State or International Financial Institution	Must meet requirement	Required
8.	Registration with FBR	The Consultant be on Active tax payer list of FBR	Must meet requirement	Required

**Note:** Nonconformance to any of the above eligibility requirements will lead to disqualification of the Consultant. All eligibility requirements must be supported by valid documentary evidence/undertaking. False, materially inaccurate or incomplete documents may result in disqualification of the Applicant.

**QUALIFICATION CRITERIA**

<b>S/No.</b>	<b>Qualification Category &amp; Evaluation Criteria</b>	<b>Marks</b>
<b>A</b>	<b>Technical</b>	
<b>A1</b>	<b>Experience</b>	<b>100</b>
A1.1	Specific experience of the Consulting firm and Sub- consultants working with public /private sector entities nationally/internationally	20
A1.2	Energy based Bankable Feasibility study projects:  Equal to or above 10 projects = 100% marks 7 to 9 projects = 75% marks 4 to 6 projects = 50% marks Less than 4 projects = 25% marks	30
A1.3	Coal/Thermal based Feasibility studies in Pakistan/Abroad: Equal to or above 5 projects = 100% marks 3 to 4 projects = 75% marks Less than 3 project = 50% marks	50
<b>A2</b>	<b>Adequacy of the proposed methodology and workplan in responding to the Terms of Reference:</b>	<b>100</b>
A2.1	Understanding of the Assignment	40
A2.2	Technical approach and methodology. Will be graded as follows: Excellent = 100% Good = 75% Average = 50% Below Average = 25% Absent = 0%	30
A2.3	Workplan Will be graded as follows:  Excellent = 100% Good = 75% Average = 50% Below Average = 25% Absent = 0%	30
<b>A3</b>	<b>Organization structure</b>	<b>100</b>
	Over 20 professionals = 40	40
	11 to 20 professionals = 30	30
	06 to 10 professionals = 20	20

	<b><u>Additional marks:</u></b> Offices established in Pakistan  Offices in Karachi and other big cities of the country (like; Islamabad / Lahore / Quetta / Peshawar etc...)	10
<b>A4</b>	<b>Key Experts</b>	<b>100</b>
A4.1	Project Manager/Lead Consultant Minimum education: ME / Professional Engineer (PEC) Experience in power-sector is essential.	20
A4.2	Technical Expert / Civil Engineer Education: Master in relevant field Experience in power-sector is essential.	10
A4.3	Power Engineer/Electrical Engineer Education: Master in relevant field Experience in power-sector is essential.	20
A4.4	Power Engineer/I&C Engineer Minimum education: Master in relevant field Experience in power-sector is essential.	20
A4.5	Environmental / Social Expert Minimum education: Master in relevant field Experience in power-sector is essential.	10
A4.6	Financial Expert Minimum education: MBA/CFA/CA/ACCA/ACMA in Financial disciplines Experience in power-sector is essential.	10
A4.7	Legal Expert: LLM / Bar at Law	10
	<b>Total</b>	<b>100</b>
	<b><u>Calculation of points for each Expert in the Project Team</u></b>	
	<b>(a) Education and qualifications</b> Professionals having qualification less than as specified <u>above</u> shall not be considered for evaluation. Equivalent qualification shall only be considered if it is nationally / internationally recognized as equivalent	20
	<b>(b) Relevant experience</b> 15 years or more = 100% 10 to less than 15 years = 80% 5 to less than 10 years = 50% Less than 5 years = 0%	40

	(c) Coal related projects 5 or more = 100% 3 to less than 5 = 75% 2 to less than 3 = 50% Less than 2 = 0%	40
A	<b>Total Technical Score = (A1+A2+A3+A4) / 4</b>	
B	Financial Score <b>Sf = 100 x Fm / F</b> Sf = The financial score Fm = The lowest price F = The price of the proposal under consideration.	100
	<b>Total Score</b>	
	70% Technical (Score A) 30% Financial (Score B)	70% * Score A + 30% * Score B = Total Score

## EVALUATION CRITERIA

### **RFP Documents**

The Consultants must submit the RFP Submission Sheet and filled-out Forms provided in Section III of this document. The Suppliers must meet required criteria against each category through appropriate documentary evidence. The JPCL reserves the right to waive minor deviations, if these don't materially affect the capability of a Consultant to perform.

**Each page of the RFP Original and a Copy** - RFP Submission Sheet, RFP Forms and documentary evidence, must be signed and stamped by the Authorized Representative of the Consultant.

**All documentary evidence must be attested certified true copies of the original documents.**

### **Evaluation Criteria:**

The evaluation of eligible consultants shall be conducted on "Quality and Cost Based Selection (Q&CBS) Technique, 70% Technical weight and 30% Financial Weight. The lowest evaluated Financial Proposal (Fm) will be given the maximum financial score (Sf) of 100 points. The financial scores (Sf) of the other Financial Proposals will be computed as indicated in the Data Sheet. Proposals will be ranked according to their combined Technical (St) and Financial (Sf) scores using the weights (T = the weight given to the Technical Proposal; P= the weight given to the Financial Proposal; T + P = 1) indicated in the Data Sheet:  $S = St \times T\% + Sf \times P\%$ . The firm achieving the highest combined technical and financial score will be invited for negotiations.

### **Award Criteria:**

The Proposer with the highest combined technical (70%) and financial (30%) scores in a cluster, will qualify for the award of contract.

The Procuring Agency shall award the Contract to the selected Consultant and the Procuring Agency shall publish the outcome of evaluation process on the PPRA website and on its own website and shall wait for five days of grievance. If there is no grievance lodged, the Procuring Agency shall issue letter of intent to the selected consultant to furnish the Proposal Performance Security in an amount equivalent to 10% of Proposal Contract Value in shape of CDR/Pay Order/TT/unconditional Bank Guarantee acceptable to PA, by adjusting Proposal Security of 5%. The unsuccessful Consultants will be informed to collect in person the Proposal Security or make a request to the Chief Executive Officer to courier it to their registered addresses. Upon submission of Proposal Performance Security by the selected consultant, the Proposal Security of unsuccessful consultants will be discharged.

The Consultant is expected to commence the assignment on the date and at the location specified in the Data Sheet not later than 10 days after the issuance of notice to commence the assignment.



## PART II

1. **Time-Based Contract.** This type of contract is appropriate when it is difficult to define or fix the scope and the duration of the services, either because they are related to activities carried out by others for which the completion period may vary, or because the input of the consultants required for attaining the objectives of the assignment is difficult to assess. In time-based contracts the Consultant provides services on a timed basis according to quality specifications, and Consultant's remuneration is determined on the basis of the time actually spent by the Consultant in carrying out the Services and is based on (i) agreed upon unit rates for the Consultant's experts multiplied by the actual time spent by the experts in executing the assignment, and (ii) reimbursable expenses using actual expenses and/or agreed unit prices. This type of contract requires the Procuring Agency to closely supervise the Consultant and to be involved in the daily execution of the assignment.
2. The templates are designed for use in assignments with consulting firms and shall not be used for contracting of individual experts. These standard Contract forms are to be used for complex and/or large value assignments.

## **Section VII: Contract Form & Conditions**

## Contract for Consultant's Services

**Project Name** \_\_\_\_\_

**[Loan/Credit/Grant] No.** \_\_\_\_\_

**Contract No.** \_\_\_\_\_

**between**

\_\_\_\_\_  
*[Name of the Procuring Agency]*

**and**

\_\_\_\_\_  
*[Name of the Consultant]*

**Dated:** \_\_\_\_\_



## 1. Form of Contract

(Text in brackets [ ] is optional; all notes should be deleted in the final text)

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 (name of the JV) 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

- (a) the Procuring Agency has requested the Consultant to provide certain consulting services as defined in this Contract (hereinafter called the “Services”);
- (b) 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;
- (c) 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:

- 1. The following documents attached hereto shall be deemed to form an integral part of this Contract:
  - (a) The General Conditions of Contract
  - (b) The Special Conditions of Contract;
  - (c) Appendices:
    - Appendix A: Terms of Reference
    - Appendix B: Key Experts

- Appendix C: Remuneration Cost Estimates
- Appendix D: Reimbursable Cost Estimates
- Appendix E: 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]*

# General Conditions of the Contract

## A. General Provisions

### 1. Definitions

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

- (a) **“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.
- (b) **“Procuring Agency”** means:-
  - (c) any Ministry, Division, Department or any Office of the Federal Government;
  - (d) any authority, corporation, body or organization established by or under a Federal Law or which is owned or controlled by the Federal Government;
  - (e) **“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.
- (f) **“Consultant”** means an individual consultant or a consulting firm as the case may be;
- (g) **“Contract”** means an agreement enforceable by law;
- (h) **“Contractor”** means a person, consultant, firm, company or an organization who undertake to supply goods, services or works;
- (i) **“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).
- (j) **“Day”** means calendar day unless indicated otherwise.
- (k) **“Effective Date”** means the date on which this Contract comes into force and effect pursuant to Clause GCC 11.
- (l) **“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.
- (m) **“Foreign Currency”** means any currency other than the Pakistani Rupees.

- (n) **“GCC”** means these General Conditions of Contract.
- (o) **“Government”** means the Government of Pakistan.
- (p) **“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.
- (q) **“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.
- (r) **“Local Currency”** means the currency of Pakistan
- (s) **“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.
- (t) **“Party”** means the Procuring Agency or the Consultant, as the case may be, and **“Parties”** means both of them.
- (u) **“SCC”** means the Special Conditions of Contract by which the GCC may be amended or supplemented but not over-written.
- (v) **“Services”** means any object of procurement other than goods or works; the work to be performed by the Consultant pursuant to this Contract, as described in Appendix A hereto.
- (w) **“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.
- (x) **“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.
- (y) **“Third Party”** means any person or entity other than the Government, the Procuring Agency, the Consultant or a Sub-consultant.

## **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** 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.

10.2 The Consultant/Applicant/ Bidders shall permit and shall cause their agents (whether declared or not), sub-contractors, sub-consultants, service providers, suppliers, and their personnel, to permit the Procuring Agency to inspect all accounts, records and other documents relating to any, Bid submission, Primary Procurement process, Framework Agreement performance, Secondary Procurement process, and/or Call-off Contract performance (in the case of award of a Call-off Contract), and to have them audited by auditors appointed by the Procuring Agency.

10.3 Any communications between the Bidder and the Procuring Agency related to matters of alleged corrupt and fraudulent practices must be made in writing or in electronic forms that provide record of the content of communication.

10.4 Procuring Agency will reject proposal, if it is established that the Bidder was engaged in corrupt and fraudulent practices in competing for the contract.

10.5 Procuring Agency will also declare the bidder/Firm as blacklisted in accordance with the regulatory provisions PP Rule 19 and predefined standard mechanism.

## **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**
- a. Definition** 17.1. 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.
- 17.2. 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.
- 17.3. Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.
- b. No Breach of Contract** 17.4. 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.

**c. Measures to be Taken**

17.5. 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.

17.6. 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.

17.7. 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.

17.8. 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:

- (a) 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
- (b) 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.

17.9. 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) calendar days' written notice of termination to the Consultant in case of the events referred to in (a) through (d); at least sixty (60) calendar days' written notice in case of the event referred to in (e); and at least five (5) calendar 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) calendar 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, as defined in paragraph 1.23 of Attachment 1 to the GCC, 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.

**b. By the  
Consultant**

19.1.3 The Consultant may terminate this Contract, by not less than thirty (30) calendar 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 50.1 within forty-five (45)

calendar 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) calendar days.
- (c) If the Procuring Agency fails to comply with any final decision reached as a result of arbitration pursuant to Clause GCC 50.1.
- (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.

**c. Cessation of Rights and Obligations**

19.1.4 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.

**d. Cessation of Services**

19.1.5 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.

**e. Payment upon Termination**

19.1.6 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**

**a. Standard of Performance**

20.1 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.

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

20.3 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.

**b. Law Applicable to Services**

20.4 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 interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.

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

21.1.1 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.

21.1.2 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.

- b. Consultant and Affiliates Not to Engage in Certain Activities**

21.1.3 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**.
- c. Prohibition of Conflicting Activities**

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

21.1.5 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 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:

- (a) Assist the Consultant with obtaining work permits and such other documents as shall be necessary to enable the Consultant to perform the Services.
- (b) Assist the Consultant with promptly obtaining, for the Experts and, if appropriate, their eligible dependents, all necessary entry and exit visas, residence permits, exchange permits and any other documents required for their stay in the Procuring Agency's country while carrying out the Services under the Contract.
- (c) Facilitate prompt clearance through customs of any property required for the Services and of the personal effects of the Experts and their eligible dependents.
- (d) 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.
- (e) 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.
- (f) 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.

- (g) 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 Authority 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 Authority shall pay the Service Provider any monies due the Service Provider.



## Special Conditions of Contract

*[Notes in brackets are for guidance purposes only and should be deleted in the final text of the signed contract]*

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
1.1(b) and 3.1	<b>The Contract shall be construed in accordance with the law of Pakistan.</b>
4.1	<b>The language is: English.</b>
6.1 and 6.2	<p><b>The addresses are:</b></p> <p>Procuring Agency:</p> <p>Chief Engineer/PD, 660MW Coal Fired Power Plant Jamshoro</p> <p>Attention: Engr. Bashir Ahmed Babar</p> <p>E-mail (where permitted): pdpiu@jpcl.com</p> <p>Consultant: The consultant address shall remain the same as mentioned in Proposal Document. Any change in address shall be communicated by giving notice to PA</p> <p>Attention : Authorized Representative</p> <p>E-mail (where permitted): Official Email for correspondence as mentioned in Proposals</p>
8.1	<p><i>If the Consultant consists only of one entity, state “N/A”;</i></p> <p><i>If the Consultant is a Joint Venture consisting of more than one entity, the name of the JV member whose address is specified in Clause SCC6.1 should be inserted here.</i></p> <p><b>The Lead Member on behalf of the JV is a member nominated in Power of Attorney</b></p>
9.1	<b>The Authorized Representatives are:</b>

	<p><b>For the Procuring Agency:</b></p> <p>Bashir Ahmed Babar Chief Engineer/PD</p> <p><b>For the Consultant:</b></p> <p>The Consultant/The authorized Representative</p>
<b>11.1</b>	<p><i>List here any conditions of effectiveness of the Contract</i></p> <p><b>The effectiveness conditions are the following Condition Precedent:</b></p> <ul style="list-style-type: none"> <li>• Signatures of Both Parties on Contract Agreement</li> <li>• 10% Advance Payment by the PA</li> <li>• Submission of Advance Payment Bank Guarantee by Contractor</li> <li>• Issuance of notice of commencement by PA</li> </ul>
<b>12.1</b>	<p><b>Termination of Contract for Failure to Become Effective:</b></p> <p><b>The time period shall be:</b> <i>22 Days from the notice of Commencement</i></p>
<b>13.1</b>	<p><b>Commencement of Services:</b></p> <p><b>The number of days shall be:</b> <i>ten (10) days</i></p> <p>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.</p>
<b>14.1</b>	<p><b>Expiration of Contract:</b></p> <p><b>The time period shall be :</b> <i>Four (4) months/Completion of Assignment</i></p>
<b>21 b.</b>	<p><b>The Procuring Agency reserves the right to determine on a case-by-case basis whether the Consultant should be disqualified from providing goods, works or non-consulting services due to a conflict of a nature described in Clause GCC 21.1.3</b></p> <p>Yes</p>

23.1	<p>The following limitation of the Consultant's Liability towards the Procuring Agency can be subject to the Contract's negotiations:</p> <p><b>“Limitation of the Consultant's Liability towards the Procuring Agency:</b></p> <p><b>(a) Except in the case of gross negligence or willful misconduct on the part of the Consultant or on the part of any person or a firm acting on behalf of the Consultant in carrying out the Services, the Consultant, with respect to damage caused by the Consultant to the Procuring Agency's property, shall not be liable to the Procuring Agency:</b></p> <ul style="list-style-type: none"> <li><b>(i) for any indirect or consequential loss or damage; and</b></li> <li><b>(ii) for any direct loss or damage that exceeds [insert a multiplier, e.g.: one, two, three] times the total value of the Contract;</b></li> </ul> <p><b>(b) This limitation of liability shall not</b></p> <ul style="list-style-type: none"> <li><b>(i) affect the Consultant's liability, if any, for damage to Third Parties caused by the Consultant or any person or firm acting on behalf of the Consultant in carrying out the Services;</b></li> <li><b>(ii) be construed as providing the Consultant with any limitation or exclusion from liability which is prohibited by the “Applicable Law in the Procuring Agency's country.</b></li> </ul> <p><i>Notes to the Procuring Agency and the Consultant: Any suggestions made by the Consultant in the Proposal to introduce exclusions/limitations of the Consultant's liability under the Contract should be carefully scrutinized by the Procuring Agency to what was included in the issued RFP.</i></p>
24.1	<p><b>The insurance coverage against the risks shall be as follows:</b></p> <p><b>(a) Professional liability insurance, with a minimum coverage of an amount and currency which should be not less than the total ceiling amount of the Contract.</b></p>
27.1	<p><i>The proprietary rights provision shall stand the same as described in GCC Clause 27.1</i></p>

<b>27.2</b>	<p><i>The Parties wish to restrict:</i></p> <p><b>The Consultant shall not use these documents and software for purposes unrelated to this Contract without the prior written approval of the Procuring Agency.</b></p>
<b>29. Code of Conduct</b>	The Consultant is “required” to have a Code of Conduct for Experts as per the policy of the Authority.
<b>33. Removal of Experts or Sub-consultants</b>	<i>The supervision of infrastructure contracts (such as Plant or Works) and for other consulting service where the social risks are substantial or high, the PA will take stern action against any misconduct as attributed in GCC-33</i>
<b>36.1 (a) through (f)</b>	<i>No any changes or additions to Clause GCC 36.1.</i>
<b>42.2</b>	<p><b>The ceiling in foreign currency or currencies will be included in the final contract exclusive of local indirect taxes.</b></p> <p><b>The ceiling in local currency will also be included in the final contract exclusive of local indirect taxes.</b></p> <p><b>Any indirect local taxes chargeable in respect of this Contract for the Services provided by the Consultant shall ‘be paid’ by the Procuring Agency for the Consultant.</b></p> <p><b>The amount of such taxes will be such amount as finalized at the Contract’s negotiations on the basis of the estimates provided by the Consultant in Form FIN-2 of the Consultant’s Financial Proposal.</b></p>
<b>43.3</b>	<p><b>Price adjustment on the remuneration</b></p> <p><b>“does not apply”</b></p> <p><i>As the Contract is less than 18 months, price adjustment does not apply.</i></p>
<b>44.1 and 44.2</b>	<p><b>The Procuring Agency warrants that</b></p> <p><i>If ITC16.3 does not indicate the exemption and, depending on whether the Procuring Agency shall pay the withholding tax or the Consultant has to pay, include the following:</i></p> <p><b>“the Procuring Agency shall pay on behalf of the Consultant, the Sub-consultants and the Experts” any indirect taxes, duties, fees,</b></p>

	<p>levies and other impositions imposed, under the applicable law in the Procuring Agency's country, on the Consultant, the Sub-consultants and the Experts in respect of:</p> <ul style="list-style-type: none"> <li>(a) any payments whatsoever made to the Consultant, Sub-consultants and the Experts (other than nationals or permanent residents of the Procuring Agency's country), in connection with the carrying out of the Services;</li> <li>(b) any equipment, materials and supplies brought into the Procuring Agency's country by the Consultant or Sub-consultants for the purpose of carrying out the Services and which, after having been brought into such territories, will be subsequently withdrawn by them;</li> <li>(c) any equipment imported for the purpose of carrying out the Services and paid for out of funds provided by the Procuring Agency and which is treated as property of the Procuring Agency;</li> <li>(d) any property brought into the Procuring Agency's country by the Consultant, any Sub-consultants or the Experts (other than nationals or permanent residents of the Procuring Agency's country), or the eligible dependents of such experts for their personal use and which will subsequently be withdrawn by them upon their respective departure from the Procuring Agency's country, provided that: <ul style="list-style-type: none"> <li>(i) the Consultant, Sub-consultants and experts shall follow the usual customs procedures of the Procuring Agency's country in importing property into the Procuring Agency's country; and</li> <li>(ii) if the Consultant, Sub-consultants or Experts do not withdraw but dispose of any property in the Procuring Agency's country upon which customs duties and taxes have been exempted, the Consultant, Sub-consultants or Experts, as the case may be, (a) shall bear such customs duties and taxes in conformity with the regulations of the Procuring Agency's country, or (b) shall reimburse them to the Procuring Agency if they were paid by the Procuring Agency at the time the property in question was brought into the Procuring Agency's country.</li> </ul> </li> </ul>
45.1	<p>The currencies of payment shall be the following:</p> <p>Pakistani Rupee /USD or combination of both</p>

46.1(a)	<p><i>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)]</i></p> <p>The following provisions shall apply to the advance payment and the advance bank payment guarantee:</p> <p>(1) An advance payment of 10% of contract value in foreign currency and or in local currency, shall be made within 15 days after the Effective Date against acceptable advance bank payment guarantee. The advance payment will be set off by the Procuring Agency in equal installments against the statements for the first 3 months of the Services until the advance payment has been fully set off.</p> <p>(2) The advance bank payment guarantee shall be in the amount and in the currency of the currency(ies) of the advance payment.</p>
46.1(b)	<p><b>The Consultant shall submit to the Procuring Agency itemized statements at time intervals of “every two weeks”</b></p>
46.1(e)	<p><b>The accounts are:</b></p> <p>for foreign currency: <i>[insert account]</i>.</p> <p>for local currency: <i>[insert account]</i>.</p>
47.1	<p><b>The interest rate is:</b></p> <p><i>6 Month KIBOR or in case of foreign consultant SOFR if the delay in payment exceeds 15 days.</i></p>
49.	<p><i>[The Procuring Agency will give the dispute resolution mechanism. Following is the guidance]</i></p> <p><b>Dispute Resolution</b></p> <p>i. If any dispute of any kind whatsoever shall arise between the Authority and the Service Provider 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 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 diligent negotiations in good faith within 14 (fourteen) days</p>



	<p>following a notice sent by one Party to the other Party in this regard.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>v. Arbitration proceedings as mentioned in the above clause regarding resolution of disputes may commence prior to, during or after completion of the contract.</p> <p>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 Service Provider any monies due to the Service Provider.</p> <p><b>Arbitrator's fee:</b></p> <p>The fee shall be specified in Pak Rupees, as determined by the Managing Director, PPRA, which shall be shared equally by both parties.</p> <p><b>Appointing Authority for Arbitrator:</b></p> <p>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.</p> <p><b>Rules of procedure for arbitration proceedings:</b></p>
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	<p>Any dispute between the Authority and a Service Provider 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.</p> <p><b>Place of Arbitration and Award:</b></p> <p>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.</p>
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## **Appendices**

### **Appendix A – Terms of Reference**

*[This Appendix shall include the final Terms of Reference (TORs) worked out by the Procuring Agency and the Consultant during the negotiations; dates for completion of various tasks; location of performance for different tasks; detailed reporting requirements; Procuring Agency's input, including counterpart personnel assigned by the Procuring Agency to work on the Consultant's team; specific tasks that require prior approval by the Procuring Agency.]*

*Insert the text based on the Section 7 (Terms of Reference) of the ITC in the RFP and modified based on the Forms TECH-1 through TECH-5 in the Consultant's Proposal. Highlight the changes to Section 7 of the RFP]*

### **Appendix B - Key Experts**

*[Insert a table based on Form TECH-6 of the Consultant's Technical Proposal and finalized at the Contract's negotiations. Attach the CVs (updated and signed by the respective Key Experts) demonstrating the qualifications of Key Experts.]*

*[Specify Hours of Work for Key Experts: List here the hours of work for Key Experts; travel time to/ from the Procuring Agency's country; entitlement, if any, to leave pay; public holidays in the Procuring Agency's country that may affect Consultant's work; etc. Make sure there is consistency with Form TECH-6. In particular: one month equals twenty two (22) working (billable) days. One working (billable) day shall be not less than eight (8) working (billable) hours. ]*

### **Appendix C – Remuneration Cost Estimates**

1. Monthly rates for the Experts:

*[Insert the table with the remuneration rates. The table shall be based on [Form FIN-3] of the Consultant's Proposal and reflect any changes agreed at the Contract negotiations, if any. The footnote shall list such changes made to [Form FIN-3] at the negotiations or state that none has been made.]*

2. *[When the Consultant has been selected under Quality-Based Selection method, or the Procuring Agency has requested the Consultant to clarify the breakdown of very high remuneration rates at the Contract's negotiations also add the following:*

*“The agreed remuneration rates shall be stated in the attached Model Form I. This form shall be prepared on the basis of Appendix A to Form FIN-3 of the RFP “Consultants’ Representations regarding Costs and Charges” submitted by the Consultant to the Procuring Agency prior to the Contract’s negotiations.*

*Should these representations be found by the Procuring Agency (either through inspections or audits pursuant to Clause GCC 25.2 or through other means) to be materially incomplete or inaccurate, the Procuring Agency shall be entitled to introduce appropriate modifications in the remuneration rates affected by such materially incomplete or inaccurate representations. Any such modification shall have retroactive effect and, in case remuneration has already been paid by the Procuring Agency before any such modification, (i) the Procuring Agency shall be entitled to offset any excess payment against the next monthly payment to the Consultants, or (ii) if there are no further payments to be made by the Procuring Agency to the Consultants, the Consultants shall reimburse to the Procuring Agency any excess payment within thirty (30) days of receipt of a written claim of the Procuring Agency. 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 statement approved by the Procuring Agency in accordance with Clause GCC 46.1(d) of this Contract.”*

## Model Form I

### Breakdown of Agreed Fixed Rates in Consultant's Contract

We hereby confirm that we have agreed to pay to the Experts listed, who will be involved in performing the Services, the basic fees and away from the home office allowances (if applicable) indicated below:

(Expressed in [insert name of currency])\*

Experts		1	2	3	4	5	6	7	8
Name	Position	Basic Remuneration rate per Working Month/Day/Year	Social Charges <sup>1</sup>	Overhead <sup>1</sup>	Subtotal	Profit <sup>2</sup>	Away from Home Office Allowance	Agreed Fixed Rate per Working Month/Day/Hour	Agreed Fixed Rate per Working Month/Day/Hour <sup>1</sup>
Home Office									
Work in the Procuring Agency's Country									

<sup>1</sup> Expressed as percentage of 1

<sup>2</sup> Expressed as percentage of 4

\* If more than one currency, add a table

Signature \_\_\_\_\_

Date \_\_\_\_\_

Name and Title: \_\_\_\_\_

## **Appendix D – Reimbursable Expenses Cost Estimates**

1. *[Insert the table with the reimbursable expenses rates. The table shall be based on [Form FIN-4] of the Consultant's Proposal and reflect any changes agreed at the Contract negotiations, if any. The footnote shall list such changes made to [Form FIN-4] at the negotiations or state that none has been made.*

2. *All reimbursable expenses shall be reimbursed at actual cost, unless otherwise explicitly provided in this Appendix, and in no event shall reimbursement be made in excess of the Contract amount. ]*

## Appendix E - Form of Advance Payments Guarantee

*[See Clause GCC 46.1(a) and SCC 46.1(a)]*

*{Guarantor letterhead or SWIFT identifier code}*

### Bank Guarantee for Advance Payment

**Guarantor:** \_\_\_\_\_ *[insert commercial Bank's Name, and Address of Issuing Branch or Office]*

**Beneficiary:** \_\_\_\_\_ *[insert Name and Address of Procuring Agency]*

**Date:** \_\_\_\_\_ *[insert date]* \_\_\_\_\_

**ADVANCE PAYMENT GUARANTEE No.:** \_\_\_\_\_ *[insert number]* \_\_\_\_\_

We have been informed that \_\_\_\_\_ *[name of Consultant or a name of the Joint Venture, same as appears on the signed Contract]* (hereinafter called "the Consultant") has entered into Contract No. \_\_\_\_\_ *[reference number of the contract]* dated \_\_\_\_\_ *[insert date]* \_\_\_\_\_ with the Beneficiary, for the provision of \_\_\_\_\_ *[brief description of Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum of \_\_\_\_\_ *[insert amount in figures]* (\_\_\_\_\_) *[amount in words]* is to be made against an advance payment guarantee.

At the request of the Consultant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of \_\_\_\_\_ *[amount in figures]* (\_\_\_\_\_) *[amount in words]*<sup>1</sup> upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's a written statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Consultant is in breach of their obligation under the Contract because the Consultant:

- (a) has failed to repay the advance payment in accordance with the Contract conditions, specifying the amount which the Consultant has failed to repay;
- (b) has used the advance payment for purposes other than toward providing the Services under the Contract.

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<sup>1</sup> The Guarantor shall insert an amount representing the amount of the advance payment and denominated either in the currency(ies) of the advance payment as specified in the Contract, or in a freely convertible currency acceptable to the Client.



It is a condition for any claim and payment under this guarantee to be made that the advance payment referred to above must have been received by the Consultant on their account number \_\_\_\_\_ at \_\_\_\_\_ *[name and address of bank]*.

The maximum amount of this guarantee shall be progressively reduced by the amount of the advance payment repaid by the Consultant as indicated in certified statements or invoices marked as “paid” by the Procuring Agency which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of the payment certificate or paid invoice indicating that the Consultant has made full repayment of the amount of the advance payment, or on the \_\_\_\_ day of *[month]*\_\_\_\_\_, *[year]*\_\_\_\_, whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 revision, ICC Publication No. 758.

\_\_\_\_\_  
*[signature(s)]*

*{Note: All italicized text is for indicative purposes only to assist in preparing this form and shall be deleted from the final product.}*