



KenGen

KENYA ELECTRICITY GENERATING COMPANY PLC

RFx: 5000015966

KGN-BDD-017-2024

**REQUEST FOR PROPOSAL FOR FEASIBILITY STUDY FOR
OLKARIA II & WELLHEADS REDEVELOPMENT PROJECT
(RE-TENDER)**

(OPEN INTERNATIONAL)

Kenya Electricity Generating Company PLC

Stima Plaza, Kolobot Road, Parklands

P.O. Box 47936, 00100

NAIROBI

Website: www.kengen.co.ke

October 2024

SECTION 1 - REQUEST FOR PROPOSAL (RFP)

Date: 29th October, 2024

Reference No.: KGN-BDD-017-2024

Name of Assignment: **FEASIBILITY STUDY FOR OLKARIA II & WELLHEADS REDEVELOPMENT PROJECT**

1. The **KENYA ELECTRICITY GENERATING COMPANY PLC** has set aside funds in its budget toward the cost of the subject consulting services.

The Procuring Entity now invites proposals to provide the following consulting services (here in after called “the services”): **REQUEST FOR PROPOSAL (RFP) FOR FEASIBILITY STUDY FOR OLKARIA II & WELLHEADS REDEVELOPMENT PROJECT**

2. More details on the Services are provided in Section 8 Terms of Reference.

3. If a Consultant is a Joint Venture (JV), the full name of the JV shall be used and all members, starting with the name of the lead member. Where sub-consultants have been proposed, they shall be named. The maximum number of JV members shall be specified in the DS.

4. A firm will be selected under **Quality and Cost Based Selection** method and in a format as described in this RFP, in accordance with the Public Procurement and Asset Disposal Act 2015, a copy of which is found at the following website: www.ppra.go.ke.

5. The Section 1: Letter of Request for Proposals

Section 2: Instructions to Consultants and Data Sheet

Section 3: Technical Proposal Standard Forms

Section 4: Financial Proposal Standard Forms

Section 5: Terms of Reference

Section 6: Standard Forms of Contract ([Select: Time-Based or Lump-Sum])

6. Details on the proposal's submission date, time and address are provided in the ITC 17.7 and ITC 17.9 of the Data Sheet.

7. There shall be a **Mandatory site visit and Pre-Bid Conference on 7th November 2024 starting at 1000Hrs East African Time** at Olkaria and thereafter visit of the sites located in Olkaria Geothermal field.

Bidders shall meet their own cost of access to the National Park, as the Geothermal Fields are located inside the Hells Gate, Naivasha. *(NOTE: Bidders who attended the site visit and pre-bid conference for Tender No. KGN-BDD-012-2024 on 11th July 2024 need not attend site visit for this tender but will be required to attach the site visit certificates that were issued.)*

Completed RFP Document must be submitted online on or before **21st November 2024 at 1000Hrs East African Time.**

Electronic Tenders will be permitted *through our e-procurement platform found at www.kengen.co.ke (<https://eprocurement.kengen.co.ke:50001/irj/portal>)*

- It is a mandatory requirement that the **Technical proposal** documents **shall be** uploaded to the **C-folder** of the SRM System through the link '**Technical RFX response**'
- It is a mandatory requirement that the **financial proposal** documents **shall be** uploaded to the '**notes and attachments**' tab

Only the **Technical proposal** shall be opened online on **21st November 2024 at 1030Hrs East African Time** in the presence of the candidates' representatives who choose to attend at Tenders' office, Ground Floor, Stima Plaza Pension Plaza II building.

NOTE: Public Procurement Capacity Building Levy

Pursuant to the enactment of the Legal Notice No. 206 on Public Procurement and Asset Disposal Act 2015, Section 3 (1), KenGen shall retain the Public Procurement Capacity Building Levy at the rate of zero point zero three per centum (0.03%) of the value of the signed contract effective 1st September 2024. Payment of the submitted invoices shall therefore be made minus this Levy.

KenGen adheres to high standards of integrity in its business operations.

Report any unethical behavior immediately to any of the provided anonymous hotline service.

- 1) *Call Toll Free: 0800722626;*
- 2) *Free-Fax: 00800 007788;*
- 3) *Email: kengen@tip-offs.com*
- 4) *Website: www.tip-offs.com*

GENERAL MANAGER, SUPPLY CHAIN

SECTION 2. INSTRUCTIONS TO CONSULTANTS AND DATA SHEET

Section 2(a). Instructions to Consultants (ITC)

A. GENERAL PROVISIONS

1. Meanings/Definitions

- a) “Affiliate(s)” means an individual or an entity that directly or indirectly controls, is controlled by, or is under common control with the Consultant.
- b) “Applicable Law” means the laws and any other instruments having the force of law in Kenya.
- c) “Procuring Entity” means the entity that is carrying out the consultant selection process and signs the Contract for the Services with the selected Consultant.
- d) “Consultant” means a legally established professional consulting firm or an entity that may provide or provides the Services to the Procuring Entity under the Contract.
- e) “Contract” means a legally binding written agreement signed between the Procuring Entity 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).
- f) “Data Sheet” means an integral part of the Instructions to Consultants (ITC) Section 2 that is used to reflect specific assignment conditions to supplement, but not to over-write, the provisions of the ITC.
- g) “Day” means a calendar day unless otherwise specified as "Business Day". A Business Day is any day that is an official working day in Kenya and excludes official public holidays.
- h) “Experts” means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or Joint Venture member(s).
- i) “Government” means the Government of the Republic of Kenya.
- j) “In writing” means communicated in written form such as by mail, e-mail, fax, including, if specified in the Data Sheet, distributed or received through the electronic-procurement system used by the Procuring Entity with proof of receipt.
- k) “Joint Venture (JV)” 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, and where the members of the JV are jointly and severally liable to the Procuring Entity for the performance of the Contract.
- l) “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 CV is considered in the technical evaluation of the Consultant's proposal.
- m) “ITC” (this Section 2 of the RFP) means the Instructions to Consultants that provides the Consultants with all information needed to prepare their Proposals.
- n) “Letter of RFP” means the letter of invitation being sent by the Procuring Entity to the Consultants.
- o) “Non-Key Expert(s)” 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) “Proposal” means the Technical Proposal and the Financial Proposal of the Consultant.
- q) “Public Procurement Regulatory Authority (PPRA)” means the statutory authority of the Government of Kenya that mandated with the role of regulating and monitoring compliance with the public procurement law and regulations.
- r) “RFP” means the Request for Proposals to be prepared by the Procuring Entity for the selection of Consultants.
- s) “Services” means the work to be performed by the Consultant pursuant to the Contract.
- t) “Sub-consultant” means an entity to whom the Consultant intends to subcontract any part of the Services while the Consultant remains responsible to the Procuring Entity during the whole performance of the Contract.
- v) “Terms of Reference (TORs)” means the Terms of Reference that explains the objectives, scope of work, activities, and tasks to be performed, respective responsibilities of the Procuring Entity and the Consultant, and expected results and deliverables of the assignment.

2. Introduction

- 2.1 The Procuring Entity named in the Data Sheet intends to select a Consultant from those listed in the Request for Proposals (RFP), in accordance with the method of selection specified in the Data Sheet.
- 2.2 The Consultant are invited to submit a Technical Proposal and a Financial Proposal, 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.
- 2.3 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.
- 2.4 The Procuring Entity 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.

3. Conflict of Interest

- 3.1 The Consultant is required to provide professional, objective, and impartial advice, always holding the Procuring Entity's interest's paramount, strictly avoiding conflicts with other assignments or its own corporate interests and acting without any consideration for future work.
- 3.2 The Consultant has an obligation to disclose to the Procuring Entity any situation of actual or potential conflict that impacts its capacity to serve the best interest of the Procuring Entity. Failure to disclose such situations may lead to the disqualification of the Consultant or the termination of its Contract.
- 3.3 Without limitation on the generality of the foregoing, and unless stated otherwise in the Data Sheet, the Consultants shall not be hired under the circumstances set forth below:

- i) *Conflicting Activities*

- Conflict between consulting activities and procurement of goods, works or non-consulting services: a firm that has been engaged by the Procuring Entity 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 directly related to the consulting services for such preparation or implementation.

ii) *Conflicting Assignments*

Conflict among consulting assignments: 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 conflict with another assignment of the Consultant for the same or for another Procuring Entity.

(iii) *Conflicting Relationships*

Relationship with the Procuring Entity's staff: a Consultant (including its Experts and Sub-consultants) that has a close business or personal relationship with senior management or professional staff of the Procuring Entity who has the ability to influence the bidding process and: (i) are directly or indirectly involved in 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 such relationship has been resolved in a manner that determines there is no conflict to affect this selection process.

iv) *Others*

Any other types of conflicting relationships as indicated in the Data Sheet.

4. Unfair Competitive Advantage

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 Entity shall indicate in the Data Sheet and make available to all Consultants together with this RFP all information that would in that respect give such Consultant any unfair competitive advantage over competing Consultants.

5. Corrupt and Fraudulent Practices

5.1 Consultant firms or any of its members shall not be involved in corrupt, coercive, obstructive, collusive or fraudulent practice. Consultant firms or any of its members that are proven to have been involved in any of these practices shall be automatically disqualified and would not be awarded a contract.

5.2 Collusive practices: The Procuring Entity requires compliance with the provisions of the Competition Act 2010, regarding collusive practices in contracting. Any Consultant found to have engaged in collusive conduct shall be disqualified and criminal and/or civil sanctions may be imposed. To this effect, Consultants shall be required to complete and sign the "Certificate of Independent Proposal Determination" annexed to the Proposal Form.

5.2 In further pursuance of this policy, Consultants shall permit and shall cause their agents (where declared or not), subcontractors, sub-consultants, service providers, suppliers, and their personnel,

to permit the Government and its agencies to inspect all accounts, records and other documents relating to any short-listing process, Proposal submission, and contract performance (in the case of award), and to have them audited by auditors, investigators or compliance officers.

6. Eligibility

- 6.1 In selection of Consultants, short-listing shall be composed of firms or individuals who belong to the same line of professional business and who are almost of the same capability.
- 6.2 Unless otherwise specified in the Data Sheet, the Procuring Entity permits Consultants including proposed experts, joint ventures and individual members from all countries and categories to offer consulting services. The maximum number of members so far JV shall be specified in the TDS.
- 6.3 The Competition Act of Kenya requires that firms wishing to tender as Joint Venture undertakings which may prevent, distort or lessen competition in provision of services are prohibited unless they are exempt in accordance with the provisions of Section 25 of the Competition Act, 2010. JVs will be required to seek for exemption from the Competition Authority. Exemption shall not be a condition for submission of proposals, but it shall be a condition of contract award and signature. AJV tenderer shall be given opportunity to seek such exemption as a condition of award and signature of contract. Application for exemption from the Competition Authority of Kenya may be accessed from the website www.cak.go.ke
- 6.4 Public Officers of the Procuring Entity, their Spouses, Child, Parent, Brothers or Sister. Child, Parent, Brother or Sister of a Spouse, their business associates or agents and firms/organizations in which they have a substantial or controlling interest shall not be eligible to tender or be awarded a contract. Public Officers are also not allowed to participate in any procurement proceedings.
- 6.5 It is the Consultant's responsibility to ensure that its Experts, joint venture members, Sub-consultants, agents (declared or not), sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements.
- 6.6 As an exception to the foregoing ITC 6.1 and 6.2 above:
 - a) Sanctions-A firm or an individual that has been debarred from participating in public procurement shall be ineligible to be awarded a contract, or to benefit from the contract, financially or otherwise, during the debarment period. The list of debarred firms and individuals is available from the website of PPRA www.ppra.go.ke.
 - b) Prohibitions-Firms and individuals of a country or goods in a country maybe ineligible if:
 - i) As a matter of law or official regulations, Kenya prohibits commercial relations with that country; or
 - ii) By an act of compliance with a decision of the United Nations Security Council taken
 - iii) under Chapter VI of the Charter of the United Nations, Kenya prohibits any import of goods or services from that country or any payments to any country, person, or entity in that country.
 - c) Restrictions for Government-owned Enterprises-Government-owned enterprises or institutions in Kenya shall be eligible only if they can establish that they
 - i) Are legally and financially autonomous,

- ii) Operate under commercial law, and
 - iii) That they are not dependent agencies of the Procuring Entity.
- d) Restrictions for public employees - Government officials and civil servants and employees of public institutions shall not be hired for consulting contracts.

6.7 Margin of Preference and Reservations-no margin of preference shall be allowed in the selection of consultants. Reservations may however be allowed to a specific group of businesses (these groups are Small and Medium Enterprises, Women Enterprises, Youth Enterprises and Enterprises of persons living with disability, as the case may be), and who are appropriately registered as such by the authority to be specified in the Data Sheets. A procuring entity shall ensure that the invitation to submit proposals specifically includes only businesses or firms belonging to one group.

B. PREPARATION OF PROPOSALS

7. General Considerations

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.

8. Cost of Preparation of Proposal

8.1 The Consultant shall bear all costs associated with the preparation and submission of its Proposal, and the Procuring Entity shall not be responsible or liable for those costs, regardless of the conduct or outcome of the selection process. The Procuring Entity is not bound to accept any proposal and reserves the right to annul the selection process at any time prior to Contract award, without there by incurring any liability to the Consultant.

9. Language

9.1 The Proposal, as well as all correspondence and documents relating to the Proposal exchanged between the Consultant and the Procuring Entity shall be written in the English language.

10. Documents Comprising the Proposal

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

10.2 The Consultant shall declare in the Financial Proposal Submission Form, that in competing for and executing a contract, it shall undertake to observe the laws of Kenya against fraud and corruption including bribery, as well as against anti-competitive practices including bid rigging.

10.3 The Consultant shall furnish information on commissions, gratuities and fees, if any, paid or to be paid to agents or any other party relating to this Proposal and, if awarded, Contract execution, as requested in the Financial Proposal Submission Form.

11. Only One Proposal

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 Sub-consultant, or the Consultant's staff from participating as Key Experts and Non-Key Experts in more than one Proposal when circumstances justify and if stated in the Data Sheet.

- 11.2 Members of a joint venture may not also make an individual Proposal, be a subcontractor in a separate proposal or be part of another joint venture for the purposes of the same Contract.
- 11.3 Should a Joint Venture subsequently win the Contract, it shall consider whether an application for exemption from the Competition Authority of Kenya is merited pursuant to Section 25 of the Competition Act 2010.

12. Proposal Validity

a. Proposal Validity Period

- 12.1 The Data Sheet indicates the period during which the Consultant's Proposal must remain valid after the Proposal submission deadline.
- 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.
- 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 sanctions in accordance with ITC 5.

b. Extension of Validity Period

- 12.4 The Procuring Entity will make its best effort to complete the negotiations within the proposal's validity period. However, should the need arise, the Procuring Entity may request, in writing, all Consultants who submitted Proposals prior to the submission deadline to extend the Proposals' validity.
- 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, except as provided in ITC 12.7.
- 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.

b. Substitution of Key Experts at Validity Extension

- 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 Entity 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 evaluations core, however, will remain to be based on the evaluation of the CV of the original Key Expert.
- 12.8 If the Consultant fails to provide a substitute Key Expert with equal or better qualifications, or if the provided reasons for the replacement or justification are unacceptable to the Procuring Entity, such Proposal will be rejected.

c. Sub-Contracting

- 12.9 The Consultant shall not subcontract the whole or part of the Services without reasonable justification and written approval of the Procuring Entity.

13. Clarification and Amendment of RFP

- 13.1 The Consultant may request a clarification of any part of the RFP during the period indicated in the

Data Sheet before the Proposals' submission deadline. Any request for clarification must be sent in writing, or by standard electronic means, to the Procuring Entity's address indicated in the Data Sheet. The Procuring Entity 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 Consultants. Should the Procuring Entity deem it necessary to amend the RFP as a result of a clarification, it shall do so following the procedure described below:

- 13.2 At any time before the proposal submission deadline, the Procuring Entity may amend the RFP by issuing an amendment in writing or by standard electronic means. The amendment shall be sent to all invited Consultants and will be binding on them. The Consultants shall acknowledge receipt of all amendments in writing.
- 13.3 If the amendment is substantial, the Procuring Entity may extend the proposal submission deadline to give the Consultants reasonable time to take an amendment into account in their Proposals.
- 13.4 The Consultant may submit a modified Proposal or a modification to any part of it at any time prior to the proposal submission deadline. No modifications to the Technical or Financial Proposal shall be accepted after the deadline.

14. Preparation of Proposals—Specific Considerations

- 14.1 While preparing the Proposal, the Consultant must give particular attention to the following:
 - (a) If a Consultant considers that it may enhance its expertise for the assignment by associating with other consultants in the form of a Joint Venture or as Sub-consultants, it may do so only if only one Proposal is submitted, in accordance with ITC 11. Above. A Consultant cannot associate with shortlisted Consultant(s). When associating with non-shortlisted/non-invited firms in the form of a joint venture or a sub-consultancy, the shortlisted/invited Consultant shall be a lead member. If shortlisted/invited Consultant associates with each other, any of them can be a lead member.
 - (b) The Procuring Entity may indicate in the Data Sheet the estimated amount or Key Experts' time input (expressed in person-month), or the Procuring Entity'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. This clause shall not apply when using Fixed Budget selection method.
 - (c) For assignments under the Fixed-Budget selection method, the estimated Key Experts' time input shall not be disclosed. Total available budget, with an indication whether it is inclusive or exclusive of taxes, is given in the Data Sheet, and the Financial Proposal shall not exceed this budget.
 - (d) Key Experts shall not appear in more than one proposal unless so allowed in the Data Sheet. Invited firms must confirm and ensure their Key experts do not appear in proposal of other invited firms, otherwise proposals with Key experts appearing in other proposals will be rejected.

15. Technical Proposal Format and Content

- 15.1 The Technical Proposal shall be prepared using the Standard Forms provided in Section 3 of the RFP and shall comprise the documents listed in the Data Sheet under ITC 10.1. The Technical

Proposal shall not include any financial information. A Technical Proposal containing material financial information shall be declared non-responsive.

15.2 Consultant shall not propose alternative Key Experts. Only one CV shall be submitted for each Key Expert position. Failure to comply with this requirement will make the Proposal non-responsive.

16. Financial Proposal

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 Data Sheet. Irrespective of the consultant selection method, any Consultant that does not submit itemized and priced financial proposal, or merely refers the Procuring Entity to other legal instruments for the applicable minimum remuneration fees shall be considered non-responsive.

a. Price Adjustment

16.2 For assignments with a duration exceeding 18 months, a price adjustment provision for foreign and/or local inflation for remuneration rates apply if so, stated in the Data Sheet.

b. Taxes

16.3 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 Kenya is provided in the Data Sheet.

c. Currency of Proposal

16.4 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 Kenya Shillings.

d. Currency of Payment

16.5 Payment under the Contract shall be made in the currency or currencies in which the payment is requested in the Proposal.

C. SUBMISSION, OPENING AND EVALUATION

17. Submission, Sealing, and Marking of Proposals

17.1 The Consultant shall submit a signed and complete Proposal comprising the documents and forms in accordance with ITC 10 (Documents Comprising Proposal). Consultants shall mark as "CONFIDENTIAL" information in their Proposals which is confidential to their business. This may include proprietary information, trade secrets or commercial or financially sensitive information. The submission can be done by mail or by hand. If specified in the Data Sheet, the Consultant has the option of submitting its Proposals electronically.

17.2 An authorized representative of the Consultant shall sign the original submission letters in the required format for both the Technical Proposal and the Financial Proposals and shall initial all pages of both. The authorization shall be in the form of a written power of attorney attached to the Technical Proposal.

17.3 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.

17.4 Any modifications, revisions, interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Proposal.

17.5 The signed Proposal shall be marked "ORIGINAL", and its copies marked "COPY" as appropriate. The number of copies is indicated in the Data Sheet. All copies shall be made from the signed original. If there are discrepancies between the original and the copies, the original shall prevail.

18. Sealing and Marking of Proposals

18.1 The firm shall deliver the Proposals in a single sealed envelope, or in a single sealed package, or in a single sealed container bearing the name and Reference number of the assignment, addressed to the Procuring Entity and a warning "**as specified in the Data sheet.**". Within the single envelope, package or container, the Firm shall place the following separate, sealed envelopes:

18.2 In the single sealed envelope, or in a single sealed package, or in a single sealed container the following documents shall be closed and shall be addressed as follows:

- i) in an envelope or package or container marked "ORIGINAL", all documents comprising the Technical Proposal, as described in ITC 11;
- ii) in an envelope or package or container marked "COPIES", all required copies of the Technical Proposal;
- iii) in an envelope or package or container marked "ORIGINAL", all required copies of the Financial Proposal; and

18.3 The inner envelopes or packages or containers shall:

- i) Bear the name and address of the Procuring Entity.
- ii) Bear the name and address of the Firm; and
- iii) Bear the name and Reference number of the Assignment.

18.4 If an envelope or package or container is not sealed and marked as required, the *Procuring Entity* will assume no responsibility for the misplacement or premature opening of the proposal. Proposals that are misplaced or opened prematurely will not be accepted.

18.5 The Proposal or its modifications must be sent to the address indicated in the Data Sheet and received by the Procuring Entity no later than the deadline indicated in the Data Sheet, or any extension to this deadline. Any Proposal or its modification received by the Procuring Entity after the deadline shall be declared late and rejected, and promptly returned unopened.

19. Confidentiality/Canvassing

19.1 From the time the Proposals are opened to the time the Contract is awarded, the Consultant should not contact the Procuring Entity on any matter related to its Technical and/or Financial Proposal. Information relating to the evaluation of Proposals and award recommendations 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 Contract award information.

19.2 Any attempt by Consultants or any one on behalf of the Consultant to influence improperly the Procuring Entity in the evaluation of the Proposals or Contract award decisions may result in the rejection of its Proposal and may be subject to the application of prevailing PPRA's debarment procedures.

19.3 Notwithstanding the above provisions, from the time of the Proposals' opening to the time of Contract award publication, if a Consultant wishes to contact the Procuring Entity on any matter related to the selection process, it should do so only in writing.

20. Opening of Technical Proposals

20.1 The Procuring Entity's opening committee shall conduct the opening of the Technical Proposals in the presence of the Consultants' authorized representatives who choose to attend (in person, or online if this option is offered in the Data Sheet). The opening date, time and the address are stated in the Data Sheet. The envelopes with the Financial Proposal shall remain sealed and shall be securely stored by the Procuring Entity or with a reputable public auditor or independent authority until they are opened in accordance with ITC 22.

20.2 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 Data Sheet.

21. Proposals Evaluation

21.1 Subject to provision of ITC 15.1, the valuers of the Technical Proposals shall have no access to the Financial Proposals until the technical evaluation is concluded and after the Procuring Entity notifies all the Consultants in accordance with ITC 22.1.

21.2 The Consultant is not permitted to alter or modify its Proposal in anyway after the proposal submission deadline except as permitted under ITC 12.7. While evaluating the Proposals, the Evaluation Committee will conduct the evaluation solely on the basis of the submitted Technical and Financial Proposals.

22. Evaluation of Technical Proposals

22.1 The Procuring Entity's evaluation committee shall evaluate the Technical Proposals that have passed the eligibility and mandatory criteria, on the basis of their responsiveness to the Terms of Reference and the RFP. The eligibility and mandatory criteria shall include the following and any other that may include in the Data sheet.

- a) Firm has submitted the required number of copies of the Technical Proposals.
- b) Firm has submitted a sealed financial proposal.
- c) The Proposal is valid for the required number of days.
- d) The Technical Proposal is signed by the person with power of attorney, without material deviation, reservation, or omission.
- e) The Technical Proposal is complete with all the forms and required documentary evidence submitted.
- f) A valid tax compliance certificate or tax exemption certificate issued by the Kenya Revenue Authority in accordance with ITT 3.14 for Kenyan firms.
- g) Key Experts are from eligible countries.
- h) Key Experts do not appear in more than one proposal, if so required.
- i) A short-listed firm has not participated in more than one proposal, if so required.

- j) The Consultant is not insolvent, in receivership, bankrupt or in the process of being wound up.
- k) The Consultant, its sub-consultants and experts have not engaged in or been convicted of corrupt or fraudulent practices.
- l) The Consultant is neither precluded from entering into a Contract nor debarred by PPRA.
- m) The firm has not proposed employing public officials, civil servants and employees of public institutions.
- n) The Consultant, its sub-consultants and experts have no conflicts of interest.

22.2 Each responsive Proposal will be given a technical score. A Proposal shall be rejected at this stage if it does not respond to important aspects of the RFP or if it fails to achieve the minimum technical score indicated in the Data Sheet.

23. Public Opening of Financial Proposals

23.1 Unsuccessful Proposals

After the technical evaluation is completed, the Procuring Entity shall notify those Consultants whose Proposals were considered non-responsive to the RFP and TOR or did not meet the minimum qualifying technical score, advising them the following: (i) their Proposal was not responsive to the RFP and TOR or did not meet the minimum qualifying technical score;(ii)provide information relating to the Consultant's overall technical score, as well as scores obtained for each criterion and sub-criterion; (iii) their Financial Proposals will be returned unopened after completing the selection process and Contract signing; and (iv) notify them of the date, time and location of the public opening of the Financial Proposals and invite them to attend.

23.2 Financial Proposals for QBS, CQS and SSS

Following the ranking of the Technical Proposals, when the selection is based on QBS or CQS, the top-ranked Consultant is invited to negotiate the Contract. Only the Financial Proposal of the technically top-ranked Consultant is opened by the opening committee. All other Financial Proposals shall be returned unopened after the Contract negotiations are successfully concluded and the Contract is signed with the successful Consultant.

When the selection is based on the SSS method and if the invited Consultant meets the minimum technical score required passing, the financial proposal shall be opened and the Consultant invited to negotiate the contract.

23.3 Financial Proposals for QCBS, FBS, LCS

Following the ranking of the Technical Proposals, and after internal approvals, the Procuring Entity shall simultaneously notify in writing those Consultants whose Proposals were considered responsive to the RFP and TOR, and that have achieved the minimum qualifying technical score, advising them the following: (i) their Proposal was responsive to the RFP and TOR and met the minimum qualifying technical score; (ii) provide information relating to the Consultant's overall technical score, as well as scores obtained for each criterion and sub-criterion;(iii) their Financial Proposal will be opened at the public opening of Financial Proposals; and (iv) notify them of the date, time and location of the public opening and invite them for the opening of the Financial Proposals.

23.4 Opening of Financial Proposals

The opening date should allow the Consultants sufficient time to decide for attending the opening

and shall be no less than five (5) Business Days from the date of notification of the results of the technical evaluation, described in ITC 22.1 and 22.2.

The Consultant's attendance at the opening of the Financial Proposals (in person, or online if such option is indicated in the Data Sheet) is optional and is at the Consultant's choice.

The Financial Proposals shall be opened publicly by the Procuring Entity's opening committee in the presence of the representatives of the Consultants and anyone else who chooses to attend. Any interested party who wishes to attend this public opening should contact the Procuring Entity as indicated in the Data Sheet. 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.

24. Correction of Errors

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.

24.2 Time-Based Contracts-If a Time-Based contract form is included in the RFP, 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 figures and words, the later will prevail. In case of discrepancy between the Technical and Financial Proposals in indicating quantities of input, the Technical Proposal prevails and the Procuring Entity'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.

24.3 Lump-Sum Contracts - If a Lump-Sum contract form is included in the RFP, the Consultant is deemed to have included all prices in the Financial Proposal, so neither arithmetical correction nor price adjustments shall be made. The total price, net of taxes understood as per ITC 24 below, specified in the Financial Proposal (Form FIN-1) shall be considered as the offered price.

25. Taxes

25.1 Subject to ITC 24.2, all taxes are deemed to be included in the Consultant's financial proposal as separate items, and, therefore, considered in the evaluation.

25.2 All local identifiable taxes levied on the contract in voices (such as sales tax, VAT, excise tax, or any similar taxes or levies) and in come and withholding tax payable to Kenya on the remuneration of non-resident Experts for the services rendered in Kenya are dealt with in accordance with the instructions in the Data Sheet.

26. Conversion to Single Currency

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 Data Sheet.

27. Abnormally Low Prices

27.1 An Abnormally Low Price is one where the financial price, in combination with other constituent

elements of the proposal, appears unreasonably low to the extent that the price raises material concerns with the Procuring Entity as to the capability of the Consulting firm to perform the Contract for the offered price.

27.2 In the event of identification of a potentially Abnormally Low Price by the evaluation committee, the Procuring Entity shall seek written clarification from the firm, including a detailed price analyses of its price in relation to the subject matter of the contract, scope, delivery schedule, allocation of risk and responsibilities and any other requirements of the RFP document.

27.3 After evaluation of the price analyses, if the Procuring Entity determines that the firm has failed to demonstrate its capability to perform the contract for the offered price, the Procuring Entity shall reject the firm's proposal.

28. Abnormally High Prices

28.1 An abnormally high price is one where the proposal price, in combination with other constituent elements of the proposal, appears unreasonably too high to the extent that the Procuring Entity is concerned that it (the Procuring Entity) may not be getting value for money or it may be paying too high a price for the contract compared with market prices or that genuine competition between Consultants is compromised.

28.2 In case of an abnormally high tender price, the Procuring Entity shall make a survey of the market prices, check if the estimated cost of the contract is correct, and review the RFP to check if the specifications, TOR, scope of work and conditions of contract are contributory to the abnormally high proposals. The Procuring Entity may also seek written clarification from the Consultants on the reason for the high proposal price. The Procuring Entity shall proceed as follows:

- i) If the proposal price is abnormally high based on wrong estimated cost of the contract, the Procuring Entity may accept or not accept the proposal depending on the Procuring Entity's budget considerations.
- ii) If specifications, TOR, scope of work and/or conditions of contract are contributory to the abnormally high proposal prices, the Procuring Entity shall reject all proposals and may re-invite for proposals for the contract based on revised estimates, specifications, TOR, scope of work and conditions of contract.

28.3 If the Procuring Entity determines that the Proposal Price is abnormally too high because genuine competition between Consultants is compromised (*often due to collusion, corruption or other manipulations*), the Procuring Entity shall reject all Proposals and shall institute or cause competent Government Agencies to institute an investigation on the cause of the compromise, before re-inviting for proposals.

29. Combined Quality and Cost Evaluation

a. Quality and Cost Based Selection (QCBS) Method

29.1 In the case of Quality and Cost Based Selection (QCBS), the total score is calculated by weighting the technical and financial scores and adding them as per the formula and instructions in the Data Sheet. The Consultant that achieves the highest combined technical and financial score will be notified and invited for negotiations.

b. Fixed Budget Selection (FBS) Method

29.2 In the case of FBS, those Proposals that exceed the budget indicated in ITC 14.1.4 of the Data Sheet shall be rejected. The Procuring Entity's evaluation committee will select the Consultant with the highest-ranked Technical Proposal that does not exceed the budget indicated in the RFP, notify and invite such Consultant to negotiate the Contract.

c. Least Cost Selection (LCS) Method

29.3 In the case of Least-Cost Selection (LCS), the Procuring Entity's evaluation committee will select the Consultant whose Proposal is the lowest evaluated total price among those Proposals that achieve the minimum technical score required to pass, notify the Consultant and invite the Consultant to negotiate the Contract.

d. Combined Technical and Evaluation Report

29.4 The evaluation committee shall prepare a combined technical and financial evaluation report, with specific recommendations for award or otherwise and subject to the required approvals within the Procuring Entity prior to notifications and invitation of Consultant for negotiations.

30. Notification of Intention to enter into a Contract/Notification of Award

30.1 The Procuring Entity shall send to each Consultant (that has not already been notified that it has been unsuccessful) the Notification of Intention to Award the Contract to the successful Consultant. The **Notification of Intention to enter into a Contract / Notification of Award** shall contain, at a minimum, the following information:

- i) The name and address of the Consultant with whom the Procuring Entity successfully negotiated a contract;
- ii) the contract price of the successful Proposal;
- iii) a statement of the reasons why the recipient's Proposal was unsuccessful
- iv) the expiry date of the Standstill Period, and
- v) instructions on how to request a debriefing and/or submit a complaint during the standstill period;

31. Standstill Period

31.1 The Standstill Period shall be the number of days stated in the Data Sheet. The Standstill Period commences the day after the date the Procuring Entity has transmitted to each Consultant (that has not already been notified that it has been unsuccessful) the Notification of Intention to Award the Contract. The Contract shall not be signed earlier than the expiry of the Standstill Period. This period shall be allowed for aggrieved Consultants to lodge an appeal. The procedure for appeal and the authority to determine the appeal or complaint is as indicated in the Data Sheet.

D. NEGOTIATIONS AND AWARD

32. Negotiations

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

32.2 The evaluation committee shall prepare minutes of negotiations that are signed by the Accounting Officer and the Consultant's authorized representative.

32.3 Availability of Key Experts

The invited Consultant shall confirm the availability of all Key Experts including the Proposal as a pre-requisite to the negotiations, or, if applicable, a replacement in accordance with ITC 12. Failure to confirm the Key Experts' availability may result in the rejection of the Consultant's Proposal and the Procuring Entity proceeding to negotiate the Contract with the next-ranked Consultant.

32.4 Notwithstanding the above, the substitution Key Experts at the negotiations may be considered if due solely to circumstances outside the reasonable control of and not foreseeable by the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall offer a substitute Key Expert within the period of time specified in the letter of invitation to negotiate the Contract, who shall have equivalent or better qualifications and experience than the original candidate.

32.5 Technical negotiations

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

32.6 Financial negotiations

The financial negotiations include the clarification of the Consultant's tax liability in Kenya and how it should be reflected in the Contract. All applicable taxes shall be itemized separately and included in the contract price.

32.7 If the selection method included cost as a factor in the evaluation (that is QCBS, FBS, LCS), the unit rates and the total price stated in the Financial Proposal for a Lump-Sum contract shall not be negotiated.

32.8 Where QBS or CQS methods was used for a *Lump-sum Contract* as indicated in the RFP, the unit rates negotiations shall not take place, except when the offered Key Experts and Non-Key Experts' remuneration rates are much higher than the typically charged rates by consultants in similar contracts or the professional practice. In such case, the Procuring Entity may ask for clarifications and, if the fees are very high, ask to change the rates. The format for (i) providing information on remuneration rates in the case of QB and CQS; and (ii) clarifying remuneration rates' structure under this Clause, is provided in Appendix A to the Financial Form FIN-3: Financial Negotiations – Breakdown of Remuneration Rates. If after the clarifications, the price is still considered too high, the Procuring Entity may terminate the negotiation and invite the next ranked Consultant to open its financial proposal and negotiate the contract.

32.9 In the case of a *Time- Based contract*, negotiation of unit rates shall not take place, except when the offered Key Experts and Non-Key Experts' remuneration rates are much higher than the typically charged rates by consultants in similar contracts. In such case, the Procuring Entity may ask for clarifications and, if the fees are very high, ask to change the rates. The format for (i) providing information on remuneration rates in the case of QBS and CQS; and (ii) clarifying

remuneration rates 'structure under this Clause, is provided in Appendix A to the Financial Form FIN-3: Financial Negotiations-Breakdown of Remuneration Rates. If after the clarifications, the price is still considered too high, the Procuring Entity may terminate the negotiation and invite the next ranked Consultant for negotiations.

32.10 Where SSS method was used as indicated in the RFP, both the unit rates and total price shall be negotiated. If the negotiations fail, the Procuring Entity shall terminate the Consultant selection process. In that event, the Procuring Entity shall review the consultancy requirements and market conditions prior to deciding to use an appropriate selection method to again procure the consulting services.

33. Conclusion of Negotiations

33.1 The negotiations are concluded with a review of the finalized draft Contract, which then shall be initialed by the Accounting Officer and the Consultant's authorized representative and minutes prepared to record the outcome of the negotiations.

33.2 If the negotiations fail, the Procuring Entity 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 Entity shall terminate the negotiations informing the Consultant of the reasons for doing so. The Procuring Entity will invite the next-ranked Consultant to negotiate a Contract. Once the Procuring Entity commences negotiations with the next-ranked Consultant, the Procuring Entity shall not reopen the earlier negotiations.

34. Letter of Award

34.1 Upon expiry of the Standstill Period, specified in ITC 28.1, after satisfactorily addressing any appeal that has been filed within the Standstill Period, and upon successful negotiations, the Procuring Entity shall send a Letter of Award to the successful Consultant. The letter shall confirm the Procuring Entity's award of Contract to the successful Consultant and requesting the Consultant to sign and return the draft negotiated Contract within Twenty-One (21) Days from the date of the Letter of Award.

35. Signing of Contract

35.1 The Contract shall be signed prior to the expiration of the Proposal Validity Period and promptly after expiry of the Standstill Period, specified in ITC 28.1 and upon satisfactorily addressing any complaint that has been filed within the Standstill Period.

35.2 The Consultant is expected to commence the assignment on the date and at the location specified in the Data Sheet.

36. Publication of Procurement Contract

36.1 Within the period specified in the Data Sheet, the Procuring Entity shall publish the awarded Contract which shall contain, at a minimum, the following information: (a) name and address of the Procuring Entity; (b) name and reference number of the contract being awarded, (c) the selection method used; (d) names of the consultants that submitted proposals; (e) names of all Consultants whose Proposals were rejected or were not evaluated; (f) the name of the successful consultant, the final total contract price, the contract duration and a summary of its scope.

36.2 Consider carefully the information on Consultants to be published, particularly evaluation by the


Procuring Entity, to avoid disclosing information which can facilitate bid-rigging formation going forward. Suggest amendment as follows:

36.3 The awarded Contract shall be published on the Procuring Entity's website with free access if available and in the official procurement tender portal.

37. Procurement Related Complaint and Administrative Review

37.1 The procedures for making Procurement-related Complaints shall be specified in the **TDS**.

37.2 A request for administrative review shall be made in the form provided under contract forms.

<p>Reference to ITC Clause</p>	<p>PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS</p>
	<ul style="list-style-type: none"> Bidders who have submitted their bids should not click on WITHDRAW but click on EDIT to amend their bid response with appropriate changes if they desire to do so. Manuals to guide on the bidding process are accessible via the KenGen Tenders Portal.  <p>Bidders to note that system challenges/support related to bid submission issues shall be addressed to eprocurement@kengen.co.ke 24hrs before tender closing date and time.</p> <p>SUBMISSION OF TENDERS:</p> <p>The electronic Tendering submission procedures shall be;</p> <ol style="list-style-type: none"> Tender documents must be submitted online through KenGen E-Procurement web portal found on the KenGen website (www.kengen.co.ke) Bidders who are interested in this tender MUST ensure that they are registered in the E-Procurement Portal. Please ensure compliance to the following; <ul style="list-style-type: none"> For suppliers registering for the first time ensure the “Public Procurement” checkbox is ticked so that the login details are sent to suppliers automatically It is a mandatory requirement that the Technical proposal documents shall be uploaded to the <i>c-folder</i> of the SRM System through the link ‘<i>Technical Rfx response</i>’. It is a mandatory requirement that the Financial proposal documents shall be uploaded to the ‘<i>notes and attachments</i>’ tab Prices to be entered under item of the Rfx shall be similar to be prices in the price schedule. <p>Note; Those Bidders who have submitted their bids should not click on WITHDRAW but click on EDIT to amend their bid response and make appropriate changes if they desire to do so.</p> <p>Only Technical proposal shall be opened online on 21st November 2024 at 1030Hrs East African Time in the presence of the candidates’ representatives who choose to attend at Tenders’ Room on the 6th Floor of RBS building.</p> <p><u>Instructions to Bidders: Caution on Uploading Bid Documents (Technical Proposal)</u></p>

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS
	<p>a. Preferred Submission Method: Bidders are advised to use the C-Folder for submitting their tenders. This platform is specifically designed to handle bulky technical bid documents of up to 99MB per file.</p> <p>b. Exceeding File Size Limit: In the event that the bid response exceeds the 99MB limit: ~</p> <ul style="list-style-type: none"> i. Bidders should try to compress the pdf file first to file size less than 99MB and if compressing doesn't reduce the file size consider option (ii) below. ii. Split the documents into two or more separate files before submission. This ensures the integrity of the tendering process and accurate evaluation of all necessary information. <p>c. Assistance and Inquiries: For any questions or further assistance, bidders are encouraged to reach out to the team at least 24 hours before submission deadline through eprocurement@kengen.co.ke; or tenders@kengen.co.ke; or visit our offices through the Karibu Centre.</p>
2.1	<p>Name of the Procuring Entity: Kenya Electricity Generating Company PLC</p> <p>The consultant selection method is: Quality and Cost Based Selection Method (QCBS)</p>
2.2	<p>Financial Proposal to be submitted online separately from the Technical Proposal in separate Tabs, refer to the tender submission Method in the Proposal Data Sheet: Yes</p> <p>The name of the assignment is: REQUEST FOR PROPOSALS (RFP) FOR CONSULTANCY SERVICES FOR FEASIBILITY FOR PROPOSAL FOR FEASIBILITY STUDY FOR OLKARIA II AND WELLHEADS REDEVELOPMENT PROJECT</p>
2.3	<p>A pre-proposal conference will be held: Yes together with the site visit at Olkaria Geothermal Complex within Olkaria geothermal area</p> <p>Date of pre-proposal conference: 7th November 2024</p> <p>Time: 1000Hrs East African Time</p> <p>Address: P.O. Box 47936-00100 NAIROBI</p> <p>Telephone: 0711036000</p> <p>E-mail: tenders@kengen.co.ke;</p> <p>cc: fkamanja@kengen.co.ke; SKirui@kengen.co.ke; pwanyoike@kengen.co.ke</p> <p>Title of contact person: Eng. Simon Kirui</p> <p><i>(NOTE: Bidders who attended the site visit and pre-bid conference for Tender No. KGN-BDD-012-2024 on 11th July 2024 need not attend site visit for this tender but will be required to attach the site visit certificates that were issued.)</i></p>

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS
	NOTE: Bidders shall meet their own cost of access to the National Park, as the Geothermal Fields are located inside the Hells Gate, Naivasha.
2.4	The Procuring Entity will provide the following inputs, project data, reports, etc. to facilitate the preparation of the Proposals: Upon request by the successful consultant. <ul style="list-style-type: none"> a) Working space b) Internet Access c) Client’s counterpart staff supporting the Consultant. d) Any relevant information/data in custody of KenGen that may be required for the purposes of this project.
3	Conflict of Interest Consultant must comply to clause 3.1 and 3.3 of the Conflict of Interest
6.2	Maximum number of members/firms in the Joint Venture (JV) shall be: <i>[3]</i> . <i>No firm can participate in more than one JV</i>
6.6 (a)	The list of debarred firms and individuals is available at the PPRA’s website www.ppra.go.ke or email complaints@ppra.go.ke
B. Preparation of Proposals	
10.1	The Proposal shall comprise the following: 1st Separate Part: The Technical Proposal: - <ul style="list-style-type: none"> 1. Power of Attorney to sign the Proposal 2. TECH-1: Technical Proposal Submission Form 3. TECH-2: Consultant’s Organization and Experience 4. TECH-3: Comments and Suggestions 5. TECH-4: Description of Approach, Methodology and Work plan 6. TECH-5: Work Schedule and Planning for Deliverables 7. TECH-6: Team Composition, Assignment, and Key Experts’ Input 8. TECH-7: Mandatory Documentary Evidence

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS
	<p>9. TECH-8: Self Declaration Form AND 2nd Separate Part: The Financial Proposal: ~</p> <p>(1) FIN-1: Financial Proposal Submission Form (2) FIN-2: Summary of Costs (3) FIN-3: Breakdown of Remuneration (4) FIN-4: Breakdown of Reimbursable Expenses</p>
11.1	Participation of Sub-consultants, and Key Experts in more than one Proposal is NOT permissible:
12.1	Proposals must remain valid for <i>[186]</i> days after the proposal submission deadline.
13.1	<p>Clarifications may be requested no later than <i>[7]</i> days prior to the submission deadline. The contact information for requesting clarifications is: E-mail: tenders@kengen.co.ke; cc: fkamanja@kengen.co.ke ; SKirui@kengen.co.ke; pwanyoike@kengen.co.ke</p>
14 (d)	Key Experts shall not appear in more than one proposal: NO
16.4	Consultant may express the price for their Services in any fully convertible currency/currencies
C. Submission, Opening and Evaluation	
17.5	<p>The Consultant must submit:</p> <p>(a) Technical Proposal: MUST be uploaded to the <i>c-folder</i> of the SRM System through the link '<i>Technical Rfx response</i>'.</p> <p>(b) Financial Proposal: MUST be uploaded to the '<i>notes and attachments</i>' tab</p>
18.5	<p>The Proposals must be submitted Online no later than: Date: 21st November 2024 Time: 1000Hrs East African Time</p> <p>The Proposal submission through our e-procurement platform found at www.kengen.co.ke (https://eprocurement.kengen.co.ke:50001/irj/portal)</p>
20.1	<p>The RFP MUST be submitted through our e-procurement platform found at www.kengen.co.ke (https://eprocurement.kengen.co.ke:50001/irj/portal)</p>

<p>Reference to ITC Clause</p>	<p>PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS</p>
	<p>SUBMISSION OF TENDERS:</p> <p>The electronic Tendering submission procedures shall be;</p> <ol style="list-style-type: none"> 1. Tender documents must be submitted online through KenGen E-Procurement web portal found on the KenGen website (www.kengen.co.ke) 2. Bidders who are interested in this tender MUST ensure that they are registered in the E-Procurement Portal. Please ensure compliance to the following; <ul style="list-style-type: none"> • For suppliers registering for the first time ensure the “Public Procurement” checkbox is ticked so that the login details are sent to the supplier automatically • It is a mandatory requirement that the Technical proposal documents shall be uploaded to the <i>c-folder</i> of the SRM System through the link ‘<i>Technical Rfx response</i>’. • It is a mandatory requirement that the Financial proposal documents shall be uploaded to the ‘<i>notes and attachments</i>’ tab • Prices to be entered under item of the Rfx shall be similar to the prices in the price schedule. <p>Tender closing date and time Online (21st November 2024 at 1000Hrs East African Time) and Opening date and time Online (21st November 2024 at 1030Hrs East African Time)</p> <p>Note; In an effort to curb the spread of the COVID-19 pandemic the following measures shall apply:</p> <ul style="list-style-type: none"> •Where bidders or their representatives choose to attend the bid opening, KenGen shall limit the persons to a maximum of 5 people, whom shall be nominated by the bidders present for the opening session. •The tender opening shall be conducted in a spacious environment and observing a social distance of at least 1.5 meters away from each other. <p>Screening and registration of all attendees shall take place in all sessions.</p> <ul style="list-style-type: none"> •Failure to attend the bid opening shall <u>not</u> invalidate the process. <p>Bidders can request for the tender opening minutes of the tender opening session through the following email address tenders@kengen.co.ke</p>
<p>20.2</p>	<p>In addition, the following information will be read aloud at the opening of the Technical</p>

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS																				
	Proposals 1. Firm/Firms 2. Confirmation of original and copies submitted 3. Number of pages of bid submitted.																				
22.1	<p>PRELIMINARY/MANDATORY EVALUATION CRITERIA</p> <table border="1" data-bbox="220 562 1461 2089"> <thead> <tr> <th data-bbox="220 562 347 645">S/No</th> <th data-bbox="347 562 1461 645">PRELIMINARY ELIGIBILITY CRITERIA</th> </tr> </thead> <tbody> <tr> <td data-bbox="220 645 347 797">MR1</td> <td data-bbox="347 645 1461 797">Certificate of registration or incorporation from country of jurisdiction. In cases of Joint Ventures, Certificates shall be required for each of the Joint Venture Partners.</td> </tr> <tr> <td data-bbox="220 797 347 949">MR2</td> <td data-bbox="347 797 1461 949">Submission of a copy of the Firm's Valid Tax Compliance Certificate or its equivalent from relevant Authorities where the business operations of tenderer are domiciled;</td> </tr> <tr> <td data-bbox="220 949 347 1055">MR3</td> <td data-bbox="347 949 1461 1055">List of directors and shareholders (CR12 or equivalent from the country of domicile, valid 6 months before the tender closing date)</td> </tr> <tr> <td data-bbox="220 1055 347 1126">MR4</td> <td data-bbox="347 1055 1461 1126">Valid business permit from country of jurisdiction.</td> </tr> <tr> <td data-bbox="220 1126 347 1279">MR5</td> <td data-bbox="347 1126 1461 1279">Confidential Business Questionnaire duly filled, signed and stamped. In case of Joint Venture, all members of the consortium to fill the Confidential Business Questionnaire.</td> </tr> <tr> <td data-bbox="220 1279 347 1384">MR6</td> <td data-bbox="347 1279 1461 1384">Duly filled and stamped Addendum(s) and Clarification(s) issued must be attached (Where Applicable)</td> </tr> <tr> <td data-bbox="220 1384 347 1536">MR7</td> <td data-bbox="347 1384 1461 1536">Submission of Duly filled, Signed and Stamped Technical Proposal Submission Form and uploaded to the c - folder of the SRM System through the link ' Technical RfX response'</td> </tr> <tr> <td data-bbox="220 1536 347 1688">MR8</td> <td data-bbox="347 1536 1461 1688">If the Proposal is submitted by a joint venture or a consortium of firms, attach a letter of intent or a copy of an existing joint venture agreement certified by a law firm</td> </tr> <tr> <td data-bbox="220 1688 347 2089">MR9</td> <td data-bbox="347 1688 1461 2089"> A. Notarized Power of Attorney for Authorized Representative complete with designation and contact details B. In the case of a Joint Venture, a) a power of attorney for the authorized representative of each JV member, and b) a power of attorney for the representative of the lead consultant to represent all JV members Joint Venture Must be certified by a law firm / commissioner of oaths </td> </tr> </tbody> </table>	S/No	PRELIMINARY ELIGIBILITY CRITERIA	MR1	Certificate of registration or incorporation from country of jurisdiction. In cases of Joint Ventures, Certificates shall be required for each of the Joint Venture Partners.	MR2	Submission of a copy of the Firm's Valid Tax Compliance Certificate or its equivalent from relevant Authorities where the business operations of tenderer are domiciled;	MR3	List of directors and shareholders (CR12 or equivalent from the country of domicile, valid 6 months before the tender closing date)	MR4	Valid business permit from country of jurisdiction.	MR5	Confidential Business Questionnaire duly filled, signed and stamped. In case of Joint Venture, all members of the consortium to fill the Confidential Business Questionnaire.	MR6	Duly filled and stamped Addendum(s) and Clarification(s) issued must be attached (Where Applicable)	MR7	Submission of Duly filled, Signed and Stamped Technical Proposal Submission Form and uploaded to the c - folder of the SRM System through the link ' Technical RfX response'	MR8	If the Proposal is submitted by a joint venture or a consortium of firms , attach a letter of intent or a copy of an existing joint venture agreement certified by a law firm	MR9	A. Notarized Power of Attorney for Authorized Representative complete with designation and contact details B. In the case of a Joint Venture, a) a power of attorney for the authorized representative of each JV member, and b) a power of attorney for the representative of the lead consultant to represent all JV members Joint Venture Must be certified by a law firm / commissioner of oaths
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MR2	Submission of a copy of the Firm's Valid Tax Compliance Certificate or its equivalent from relevant Authorities where the business operations of tenderer are domiciled;																				
MR3	List of directors and shareholders (CR12 or equivalent from the country of domicile, valid 6 months before the tender closing date)																				
MR4	Valid business permit from country of jurisdiction.																				
MR5	Confidential Business Questionnaire duly filled, signed and stamped. In case of Joint Venture, all members of the consortium to fill the Confidential Business Questionnaire.																				
MR6	Duly filled and stamped Addendum(s) and Clarification(s) issued must be attached (Where Applicable)																				
MR7	Submission of Duly filled, Signed and Stamped Technical Proposal Submission Form and uploaded to the c - folder of the SRM System through the link ' Technical RfX response'																				
MR8	If the Proposal is submitted by a joint venture or a consortium of firms , attach a letter of intent or a copy of an existing joint venture agreement certified by a law firm																				
MR9	A. Notarized Power of Attorney for Authorized Representative complete with designation and contact details B. In the case of a Joint Venture, a) a power of attorney for the authorized representative of each JV member, and b) a power of attorney for the representative of the lead consultant to represent all JV members Joint Venture Must be certified by a law firm / commissioner of oaths																				

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS	
	MR10	The Tender MUST be submitted in the required format and serialized on each page of the bid submitted. <i>Sec.74.1.i. of the PPADA, 2015.</i>
	MR11	Duly filled signed and stamped Self Declaration form that the tenderer is not debarred in the matter of PPADA 2015.
	MR12	Duly filled signed and stamped Self Declaration form that the tenderer will not engage in any corrupt or Fraudulent Practice.
	MR13	Duly filled signed and stamped Declaration and Commitment to the Code of Ethics.
	MR 14	Duly filled signed and stamped Certificate of Independent Proposal Determination
	MR 15	Audited Financial Statements for the last 3 years (For consortium arrangements, each member must meet the requirements).
	MR 16	Evidence of Attendance to the site visit. (attach copy of site visit certificate issued on site)
	MR 17	Show proof of engagement of local Consultants either through consortium or joint ventures in sourcing of local supplies/professional content from citizen contractors prior to submission of this bid.
	MR 18	Conflict of interest disclosures including court cases with government institutions, the impact on the engagement and the mitigation methods
25.2	<p>For the evaluation, the Procuring Entity will include separate items of:</p> <p>(a) All local identifiable indirect taxes such as sales tax, excise tax, VAT, or similar taxes levied on the contract's invoices; and</p> <p>(b) All additional local indirect tax on the remuneration of services rendered by experts.</p> <p>If a Contract is awarded, at Contract negotiations, all such taxes will be discussed, finalized using the itemized list and included in the Contract amount as a separate line, also indicating which taxes shall be paid by the Consultant and which taxes are withheld and paid by the Procuring Entity on behalf of the Consultant.</p>	
TECHNICAL EVALUATION OF THE FIRM (T) (75%)		
A.	PROOF OF REQUISITE EXPERIENCE AND COMPETENCY OF THE FIRM (20 MARKS)	Points
1	Demonstrate previous experience in conducting feasibility studies/owner's engineer for geothermal power plants of at least 35MW. Bidder must provide proof of at least two (2)	5

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS	
	feasibility studies conducted or demonstration that the firm was an owners engineer for at least two geothermal power plants / geothermal rehabilitation projects and completion certificates attached	
2	The firm must demonstrate previously conducted feasibility study/owner's engineer consultancy of at least 1 operational geothermal power plant of at least 35MW. The tasks carried out by the firm and the team members should be clearly indicated.	5
3	<p>The firm must demonstrate previous experience in design, operation/construction supervision of geothermal power plants (single flash condensing), steam gathering systems, brine reinjection/ separation and hybrid/dry/wet cooling tower types of at least 35MW capacity</p> <ul style="list-style-type: none"> • Design of geothermal power plants and steam field- 2 marks • Operation/ construction supervision of steam field and geothermal power plant -2 marks • Rehabilitation of geothermal power plants-4 marks • Wet and dry cooling towers-2 marks 	10
B.	TECHNICAL APPROACH AND METHODOLOGY IN RESPONDING TO THE TERMS OF REREERENCE (ToRs), (25 MARKS)	
1	Approach and methodology, including detailed description of the feasibility study approach	15
2	Proposed work plan and project schedule	5
3	Proposed project organization and staffing	5
C.	PROJECT TECHNICAL TEAM REQUISITE QUALIFICATIONS & EXPERIENCE – (52 MARKS)	
<p>Instructions:</p> <p>i) The Consultant SHALL provide details of the proposed personnel, certified copies of certificates, signed CVs, and evidence of relevant professional registration.</p> <p>ii) Only 1 CV will be submitted for each proposed key position</p> <p>iii) Email and telephone contacts for personnel who's CVs have been included in the bid shall be provided in the bid document.</p> <p>iv) The relevant experience required must be clearly indicated in the CVs</p> <p>v) The proposed key experts must certify their CVs and confirm availability for the study</p> <p>vi) The Consultants SHALL NOT be allowed to replace personnel whose CV has been submitted without prior approval of KenGen. In the event of such an occurrence, the replacement shall be of same or higher qualifications required.</p>		
No.	TEAM MEMBERS QUALIFICATIONS	

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS	
1	<p>Team Leader:</p> <ul style="list-style-type: none"> • Must have a university degree in relevant field preferably Engineering/ geothermal related field (1 mark) • Must have at least 15 years' experience in design, rehabilitation, operation /construction supervision of geothermal power plants (4marks) • Must have been involved in at least 2 geothermal power plants feasibility studies/2 owner's engineer consultancies as the team leader of at least 35 MW each including geothermal rehabilitation projects. (4 marks) • Must have experience in wet/ dry/hybrid cooling systems for geothermal power plants (2marks) 	11
2	<p>Steam-field Engineer:</p> <ul style="list-style-type: none"> • Must have a university degree in relevant field (1 mark) • Must have at least 10 years' experience in steam field design, rehabilitation, operation /construction supervision (2 marks) • Must have been involved in at least 2 geothermal power plants feasibility studies/2 owner's engineer consultancies as a Steamfield Engineer (2 marks) 	5
3	<p>Reservoir Engineer:</p> <ul style="list-style-type: none"> • Must have a university degree in relevant field of Engineering. (1 mark) • Must have at least 10 years' experience in geothermal resource assessments, production monitoring and reservoir characterization and modelling (2 mark) • Must have been involved in at least 2 geothermal power plants feasibility studies/2 owner's engineer consultancies as a reservoir Engineer (2 marks) 	5
4	<p>Geothermal power plant Engineer</p> <ul style="list-style-type: none"> • Must have University degree in relevant field of Engineering (1mark) • Must have at least 10 years' experience in mechanical and process engineering for geothermal power plants and geothermal plants such as steam field and power plant design, rehabilitation, operation and construction (1mark) • Must have experience in wet/dry/hybrid cooling systems for geothermal power plants (1 mark) • Must have been involved in at least 2 geothermal power plants feasibility/ 2 owners engineer consultancies as a mechanical/process engineer (2 marks) 	5
5	<p>Geochemist</p> <ul style="list-style-type: none"> • Must have University degree in relevant field (1 mark) • Must have at least 10 years' experience in geothermal fluids chemistry analysis (2 	5

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS	
	marks) <ul style="list-style-type: none"> Must have been involved in at least 2 geothermal power plants feasibility studies/2 owner's engineer's consultancies as a geochemist (2marks) 	
6	Civil Engineer <ul style="list-style-type: none"> Must have a university degree in civil engineering (1 mark) Must have at least 10 years' experience in civil works including rehabilitation for large infrastructure projects such as power plants (2mark) Must have been involved in at least 2 power plants feasibility studies/2 owners engineer consultancies as a civil engineer (2 marks) 	5
7	Power Systems Engineer <ul style="list-style-type: none"> Must have University degree in electrical engineering field (1mark) Must have at least 10 years experience in grid connection and transmission studies for power plants, rehabilitation works and electrical systems for a power plant (2 marks) Must have been involved in at least 2 power plants feasibility studies/2 owner's engineer's consultancies as a power systems engineer (2 marks) 	5
8	Energy Economist/ Financial Analyst <ul style="list-style-type: none"> Must have University degree in economics/finance field (1mark) Must have at least 10 years' experience in financial and economic modeling for power plants (1.5marks) Must have been involved in at least 2 power plants feasibility studies as an energy economist/financial analyst and done financial and economic modeling for those two projects (1.5marks) 	4
9	Environmental and Social Scientist <ul style="list-style-type: none"> Degree in Environmental or Social Sciences or related field. (1 Marks) Must have at least 10 years' experiences in Environmental Impact Assessment and mitigation measures for large infrastructure projects such as power plants' (1 Marks) Must be licensed and registered with Kenya's National Environmental Management Authority (NEMA) as a Lead EIA/Audit expert or equivalent. (1mark) 	3
10	Topographical surveyor <ul style="list-style-type: none"> Must have University degree in relevant field (0.5 marks) Must have at least 10 years' experience topographical surveys for major 	2

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS	
	infrastructure projects such as power plants (1.5 marks)	
11	Geotechnical Engineer <ul style="list-style-type: none"> • -Must have a university degree in a relevant field. (0.5 marks) • -Must have at least 10 years experience in geotechnical surveys for major infrastructure projects such as geothermal power plants. (1.5 marks) 	2
D	Transfer of Knowledge, training or participation of Kenyan Citizens as key experts (3 marks)	3
	Total marks	100
The minimum technical score required to pass is: 75%/ Points		

29.1 (QCB S only)	<p>The lowest evaluated Financial Proposal (Fm) is given the maximum financial score (Sf) of 100. The formula for determining the financial scores (Sf) of all other Proposals is calculated as following:</p> <p>$Sf = 100 \times Fm/F$, in which “Sf” is the financial score, “Fm” is the lowest price, and “F” the price of the proposal under consideration.</p> <p>The weights given to the Technical (T) and Financial (P) Proposals are: $T = \underline{\quad 0.8 \quad}$ [Insert weight between 0.70 and 0.85], and $P = \underline{\quad 0.2 \quad}$ [Insert weight between 0.15 and 0.30]</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: $S = St \times T\% + Sf \times P\%$.</p> <p>The formula for determining the financial scores is the following: $Sf = 20 \times Fm/F$, in which Sf is the financial score, Fm is the lowest price and F the price of the proposal under consideration.</p> <p>The weights given to the Technical (T) and Financial (P) Proposals are: T= 80% and P= 20%</p> <p>NOTE:</p> <p>The lowest Financial Proposal (Fm) will be given a 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</p>
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Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS
	= the weight given to the Financial Proposal; T + P = 1) indicated in the Data Sheet: $S = S_t \times T \% + S_f \times P\%$. The firm achieving the highest combined technical and financial score will be invited for negotiations.
31	The Standstill Period shall be: 14 days <i>[insert the minimum number of days legally allowed for appeals to Administrative Review Board]</i> The procedures for making a procurement related complaint are detailed in the Public Procurement and Asset Disposal Act and Regulations. If a Consultant wishes to make a procurement related complaint or appeal, the Consultant shall submit its complaint to the Public Procurement Administrative Review Board.
D. Negotiations and Award	
32.1	Expected date and address for contract negotiations: Date: Negotiations shall be done before contract signing with the successful bidder Address: Kenya Electricity Generating Company PLC, 9th Floor, KenGen Pension Plaza II, Kolobot Road, Parklands
35.2	Expected date for the commencement of the Services: Date: <i>[To be advised to the successful bidder]</i>
36.1	The publication of the contract award information following the completion of the contract negotiations and contract signing will be done as following: The publication will be done within 30 days after the contract signing

SECTION 3. 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.}

1. FORMTECH-1: TECHNICAL PROPOSAL SUBMISSION FORM

{Location, Date}

To: Kenya Electricity Generating Company PLC,
9th Floor, KenGen Pension Plaza II,
Kolobot Road, Parklands,
P.O. Box 47936, 00100
NAIROBI
tenders@kengen.co.ke

Dear Sirs:

We, the undersigned, offer to provide the consulting services for **REQUEST FOR PROPOSALS (RFP) FOR CONSULTANCY SERVICES FOR FEASIBILITY STUDY FOR OLKARIA II & WELLHEADS REDEVELOPMENT PROJECT** in accordance with your RFP dated *[29th October 2024]* and our Proposal. 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 in association/as a consortium/as 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 Entity or maybe sanctioned by the PPRA.
- b) Our Proposal shall be valid and remain binding upon us for the period of time specified in the Data Sheet, Clause 12.1.
- c) We have no conflict of interest in accordance with ITC3.
- d) We meet the eligibility requirements as stated in ITC6, and we confirm our understanding of our obligation to abide by the Government's policy in regard to corrupt, fraudulent and prohibited

practices as per ITC5.

- e) 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, as well as laws against anti-competitive practices, including bid rigging in force in Kenya; we hereby certify that we have taken steps to ensure that no person acting for us or on our behalf engages in any type of Fraud and Corruption or anti-competitive practices.
- f) We confirm that we are not insolvent, in receivership, bankrupt or on the process of being of being wound up.
- g) The Consultant shall declare in the Technical Proposal Submission Form, that in competing for and executing a contract, it shall undertake to observe the laws of Kenya against fraud and corruption including bribery, as well as against anti-competitive practices including bid-rigging.
- h) We are not guilty of any serious violation of fair employment laws and practices. We undertake to observe the laws of Kenya against fraud and corruption including bribery, as well as against collusive and anti-competitive practices, including bid rigging. To this effect we have signed the “Certificate of Independent Proposal Determination” attached below. We also undertake to adhere by the Code of Ethics for persons participating in Public Procurement and Asset Disposal Activities in Kenya, copy available from (www.kengen.co.ke) during the procurement process and the execution of any resulting contract.
- l) We, along with any of our sub-consultants are not subject to, and not controlled by any entity or individual that is subject to, a temporary suspension or a debarment imposed by the PPRA.
- e) Except as stated in the ITC 12 and Data Sheet, 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 29.3 and 29.4 may lead to the termination of Contract negotiations.
- j) Our Proposal is binding upon us and subject to any modifications resulting from the Contract negotiations.
- k) We understand that the Procuring Entity is not bound to accept any Proposal that it receives. 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 32.2 of the Data Sheet.

We
remain
, Yours
sincere
ly,

Authorized Signature *{In full and initials}*: Name and Title of Signatory:

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

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}

2 CERTIFICATE OF INDEPENDENT PROPOSAL DETERMINATION

I, the undersigned, in submitting the accompanying TECHNICAL PROPOSAL SUBMISSION FORM to the

_____ [Name of Procuring Entity]

For: _____ [Name and number of tender] in response to the request for tenders made by: _____ [Name of Tenderer] do hereby make the following statements that I certify to be true and complete in every respect:

I certify, on behalf of _____ [Name of Tenderer] that:

1. I have read and I understand the contents of this Certificate;
2. I understand that the Tender will be disqualified if this Certificate is found not to be true and complete in every respect;
3. I am the authorized representative of the Tenderer with authority to sign this Certificate, and to submit the Tender on behalf of the Tenderer;
4. For the purposes of this Certificate and the Tender, I understand that the word “competitor” shall include any individual or organization, other than the Tenderer, whether or not affiliated with the Tenderer, who:
 - Has been requested to submit a Tender in response to this request for tenders;
 - could potentially submit a tender in response to this request for tenders, based on their qualifications, abilities or experience;
5. The Tenderer discloses that [check one of the following, as applicable]:
 - The Tenderer has arrived at the Tender independently from, and without consultation, communication, agreement or arrangement with, any competitor;
 - The Tenderer has entered into consultations, communications, agreements or arrangements with one or more competitors regarding this request for tenders, and the Tenderer discloses, in the attached document(s), complete details thereof, including the names of the competitors and the nature of, and reasons for, such consultations, communications, agreements or arrangements;
6. In particular, without limiting the generality of paragraphs(5)(a) or (5) (b)above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - prices;
 - methods, factors or formulas used to calculate prices;
 - the intention or decision to submit, or not to submit, a proposal; or
 - the submission of a proposal which does not meet the specifications of the request for proposals; except as specifically disclosed pursuant to paragraph(5)(b) above;
7. In addition, there has been no consultation, communication, agreement or arrangement with

any competitor regarding the quality, quantity, specifications or delivery particulars of the works or services to which this RFP relates, except as specifically authorized by the procuring authority or as specifically disclosed pursuant to paragraph(5)(b) above;

- 8 The terms of the RFP have not been, and will not be, knowingly disclosed by the Consultant, directly or indirectly, to any competitor, prior to the date and time of the official proposed opening, or of the awarding of the Contract, which ever comes first, unless otherwise required by law or as specifically disclosed pursuant to paragraph(5)(b) above.

Name _____

Title _____

Date _____

[Name, title and signature of authorized agent of Consultant and Date]

3. APPENDIX TO FORM OF PROPOSAL ON FRAUD AND CORRUPTION CLAUSE (for information)

(Appendix shall not be modified)

Purpose

the government of Kenya's Anti-Corruption and Economic Crime laws and their sanction's policies and procedures, Public Procurement and Asset Disposal Act (*no. 33 of 2015*) and its Regulation, and any other Kenya's Acts or Regulations related to Fraud and Corruption, and similar offences, shall apply with respect to Public Procurement Processes and Contracts that are governed by the laws of Kenya.

Requirements

The Government of Kenya requires that all parties including Procuring Entities, Tenderers, (applicants/proposers), Consultants, Contractors and Suppliers; any Sub-contractors, Sub-consultants, Service providers or Suppliers; any Agents (whether declared or not); and any of their Personnel, involved and engaged in procurement under Kenya's Laws and Regulation, observe the highest standard of ethics during the procurement process, selection and contract execution of all contracts ,and refrain from Fraud and Corruption and fully comply with Kenya's laws and Regulations as per paragraphs 1.1 above.

Kenya's public procurement and asset disposal act (*no.33 of 2015*) under Section 66 describes rules to be followed and actions to be taken in dealing with Corrupt, Coercive, Obstructive, Collusive or Fraudulent practices, and Conflicts of Interest in procurement including consequences for offences committed. A few of the provisions noted below highlight Kenya's policy of no tolerance for such practices and behavior:

- (1) a person to whom this Act applies shall not be involved in any corrupt, coercive, obstructive, collusive or fraudulent practice; or conflicts of interest in any procurement or asset disposal proceeding;
- (2) A person referred to under sub section (1) who contravenes the provisions of that sub-section commits an offence;
- (3) Without limiting the generality of the subsection (1) and (2), the person shall be: -
 - a) disqualified from entering into a contract for a procurement or asset disposal proceeding; or
 - b) if a contract has already been entered into with the person, the contract shall be avoidable;
- (4) The voiding of a contract by the procuring entity under subsection (7) does not limit any legal remedy the procuring entity may have;
- (5) An employee or agent of the procuring entity or a member of the Board or committee of the procuring entity who has a conflict of interest with respect to a procurement—
 - i) Shall not take part in the procurement proceedings;
 - ii) shall not, after a procurement contract has been entered into, take part in any decision relating to the procurement or contract; and
 - iii) Shall not be a sub-contractor for the tender to whom was awarded contract, or a member of the group of tenderers to whom the contract was awarded, but the sub-contractor appointed shall meet all the requirements of this Act.
- (6) An employee, agent or member described in subsection (1) who refrains from doing anything prohibited under that subsection, but for that subsection, would have been within his or her duties shall disclose the conflict of interest to the procuring entity;
- (7) If a person contravenes sub section (1) with respect to a conflict of interest described in subsection

(5)(a) and the contract is awarded to the person or his relative or to another person in whom one of them had a direct or indirect pecuniary interest, the contract shall be terminated and all costs incurred by the public entity shall be made good by the awarding officer.

- (8) Incompliance with Kenya's laws, regulations and policies mentioned above, the Procuring Entity:
- a) Defines broadly, for the purposes of the above provisions, the terms set forth below as follows:
 - i) "corrupt practice" is the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - ii) "fraudulent practice" is any act or omission, including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain financial or other benefit or to avoid an obligation;
 - iii) "collusive practice" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - iv) "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - v) "obstructive practice" is:
 - i) deliberately destroying, falsifying, altering, or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede investigation by Public Procurement Regulatory Authority (PPRA) or any other appropriate authority appointed by Government of Kenya into allegations of a corrupt, fraudulent, coercive, or collusive practice; and/or threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
 - ii) Acts intended to materially impede the exercise of the PPRA's or the appointed authority's inspection and audit rights provided for under paragraph 2.3e. below.
 - b) Defines more specifically, in accordance with the above procurement Act provisions set forth for fraudulent and collusive practices as follows:

"fraudulent practice" includes a misrepresentation of fact in order to influence a procurement or disposal process or the exercise of a contract to the detriment of the procuring entity or the tenderer or the contractor,

and includes collusive practices amongst tenderers prior to or after tender submission designed to establish tender prices at artificial non-competitive levels and to deprive the procuring entity of the benefits of free and open competition.
 - c) Rejects a proposal or award¹ of a contract if PPRA determines that the firm or individual recommended for award, any of its personnel, or its agents, or its sub-consultants, sub-contractors, service providers, suppliers and/ or their employees, has, directly or indirectly, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
 - d) Pursuant to the Kenya's above stated Acts and Regulations, may sanction or debar or recommend to appropriate authority (ies) for sanctioning and debarment of a firm or

individual, as applicable under the Acts and Regulations;

- e) Requires that a clause be included in Tender documents and Request for Proposal documents requiring (i) Tenderers (applicants/proposers), Consultants, Contractors, and Suppliers and their Sub-contractors, Sub-consultants, Service providers, Suppliers, Agents personnel, permit the PPRA or any other appropriate authority appointed by Government of Kenya to inspect² all accounts, records and other documents relating to the procurement process, selection and/or contract execution, and to have them audited by auditors appointed by the PPRA or any other appropriate authority appointed by Government of Kenya; and
- f) Pursuant to Section 62 of the above Act, requires Applicants/Tenderers to submit along with their Applications/Tenders/Proposals a “Self-Declaration Form” as included in the procurement document declaring that they and all parties involved in the procurement process and contract execution have not engaged/will not engage in any corrupt or fraudulent practices.

¹For the avoidance of doubt, a party's ineligibility to be awarded a contract shall include, without limitation, (i) applying for pre-qualification, expressing interest in

A consultancy, and tendering, either directly or as a nominated sub-contractor, nominated consultant, nominated manufacturer or supplier, or nominated service provider, in respect of such contract, and (ii) entering into an addendum or amendment introducing a material modification to any existing contract.

² Inspections in this context usually are investigative (i.e., forensic) in nature. They involve fact-finding activities undertaken by the Investigating Authority or persons appointed by the Procuring Entity to address specific matters related to investigations/audits, such as evaluating the veracity of an allegation of possible Fraud and Corruption, through the appropriate mechanisms. Such activity includes but is not limited to: accessing and examining a firm's or individual's financial records and information, and making copies thereof as relevant; accessing and examining any other documents, data and information (whether in hard copy or electronic format) deemed relevant for the investigation/audit, and making copies thereof as relevant; interviewing staff and other relevant individuals; performing physical inspections and site visits; and obtaining third party verification of information.

3. FORM TECH-2: CONSULTANT'S ORGANIZATION AND EXPERIENCE

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

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.

B - Consultant's Experience

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 Entity 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 Curriculum Vitae (CV).
3. The Consultant shall substantiate their claimed experience by presenting copies of relevant documents such as the form of contract (not the whole contract), purchase order, service order, performance certificate, etc.; which shall be included in the proposal as part of *Form Tech 7 Mandatory Documentary Evidence*.

Assignment name:	Approx. value of the contract [KES, US\$ etc.]:
Country:	Duration of assignment (months):
Name of Procuring Entity:	Total N ^o of staff-months of the assignment:
Contact Address: Email:	Approx. value of the services provided by your firm under the contract:
Start date (month/year): Completion date:	N ^o of professional staff-months provided by associated Consultants:
Role on Assignment: (<i>E.g. Lead Member in ABC JV, or Sole Consultant</i>):	Name of senior professional staff of your firm involved and functions performed:
Narrative description of Assignment:	
Description of actual services provided by your staff within the assignment:	
Name of Consulting Firm:	Name and Title of Signatory:

3. FORMTECH-3: COMMENT AND SUGGESTIONS

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

A - On the Terms of Reference

{Improvements to the Terms of Reference, if any}

B - On Counterpart Staff and Facilities

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

4. FORMTECH-4: DESCRIPTION OF APPROACH, METHODOLOGY, AND WORK PLAN

Form TECH-4: a description of the approach, methodology and work plan in responding to the terms of reference 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.

{The structure of your Technical Proposal :}

a) Technical Approach and Methodology

b) Work Plan

c) Organization and Staffing}

i) 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 to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/copy the TOR sin here.}*

ii) 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 Entity), and tentative delivery dates of their ports. 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.}*

iii) 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.}*

5. FORM TECH-5: WORK SCHEDULE AND PLANNING FOR DELIVERABLES

N°	Deliverables ¹ (D-..)	Months											TOTAL	
		1	2	3	4	5	6	7	8	9	n		
D-1	{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 Entity}													
D-2	{e.g., Deliverable #2:.....}													
N														

- 1 List the deliverables with the breakdown for activities required to produce them and other benchmarks such as the Procuring Entity'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.

6. FORMT ECH- 6A: 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
KEY EXPERTS														
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														
											Subtotal			
NON-KEY EXPERTS														
N-1			[Home]											
			[Field]											
N-2														
N														
											Subtotal			

1. For Key Experts, the input should be indicated individually for the same positions as required under the ITC Data Sheet 21.2
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 Kenya, or outside the normal residence of the Expert in Kenya or any other country outside the expert’s country of residence.

 Full time input
  Part time input

7. FORM TECH-6B: CURRICULUM VITAE (CV)

Position Title and No.	{e.g., K-1, Team Leader}
Name of Expert:	{Insert full name}
Date of Birth:	{day/month/year}
Country of Citizenship	

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

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 Entity'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.}

Period	Employing organization and your title/position. Contact Infor for references	Country	Summary of activities performed relevant to the Assignment
[e.g., May 2011-present]	[e.g., Ministry of, advisor/consultant to... For references: Tel...../e-mail.....; Mr. Bbbbbb, deputy manager]		

Membership in Professional Associations and Publications: _____

Language Skills (indicate only languages in which you can work): _____

Adequacy for the Assignment:

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

Expert's contact information:

Email.....

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 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 Entity, and/or sanctions by the PPRA.

Name of Expert _____ Signature _____ Date _____

{Day / month/year}

Name of authorized _____ Signature _____ Date _____

Representative of the Consultant (the same who signs the Proposal

8. FORMTECH-7: MANDATORY SUPPORT DOCUMENTS

[The Consultant shall use this form to submit all the required support documentary evidence as required in the RFP, especially the mandatory and eligibility criteria specified in the Data Sheet ITC 21.1]

- a) Certificate of Incorporation/Certificate of Registration
{Insert here a copy of certificate of incorporation or registration}
- b) Tax Compliance Certificate
{Consultant to insert a copy of the tax compliance certificate from Kenya Revenue Authority or similar body in the case of foreign consulting firms}
- c) Practice License or Certificate for the Firm
{If required, Consultant to insert a copy of the firm's practice license or registration certificate issued by the professional body specified under Data Sheet ITC 21.1}
- d) Similar Consulting Assignments Experience
{Consultant to insert here copies of the form of contract, purchase order, service order, and performance certificate or similar evidence of similar assignments carried out by the firm. The assignments shall be the same as those provided under FORM TECH 2B}
- e) Academic Certificates
{Consultant to insert copies of the required relevant academic certificates relevant to the assignment for all the key experts}
- f) Professional Certificates
{Consultant to insert copies of professional certificates and relevant short-term trainings to demonstrate professional qualifications for all the key experts}
- g) Professional Membership of Key Experts
{If applicable, Consultant to insert copies of professional membership certificate for its key experts}
- h) Certificate of Independent Proposal Determination
(The Form is available on Tech FORM TECH-1: TECHNICAL PROPOSAL SUBMISSION FORM).

FORM SD1

SELF DECLARATION THAT THE PERSON/TENDERER IS NOT DEBARRED IN THE MATTER OF THE PUBLIC
PROCUREMENT AND ASSET DISPOSAL ACT 2015.

I,, of Post Office Box being a resident of
..... In the Republic of do hereby make a
statement as follows: -

1. THAT I am the Company Secretary/Chief Executive/Managing Director/Principal Officer/Director of
..... (Insert name of the Company) who is a Bidder in respect of
Tender No.
..... for..... (Insert tender title/description) for.....
(Insert name of the Procuring entity) and duly authorized and competent to make this statement.
2. THAT the aforesaid Bidder, its Directors and subcontractors have not been debarred from participating
in procurement proceeding under Part IV of the Act.
3. THAT what is deponed to here in above is true to the best of my knowledge, information and belief.

.....
..... (Title) (Signature)
(Date)

Bidder Official Stamp

FORM SD2

SELF DECLARATION THAT THE PERSON/TENDERER WILL NOT ENGAGE IN ANY CORRUPT OR FRAUDULENT PRACTICE.

I, Of P. O. Box.....being a resident of In the Republic of do hereby make a statement as follows:

- ~
1. THAT I am the Chief Executive/Managing Director/Principal Officer/Director of.....
..... (*Insert name of the Company*) who is a Bidder in respect of **Tender No.**
..... For (*Insert tender title/description*) for (*Insert name of the Procuring entity*) and duly authorized and competent to make this statement.
 2. THAT the aforesaid Bidder, its servants and/or agents /subcontractors will not engage in any corrupt or fraudulent practice and has not been requested to pay any inducement to any member of the Board, Management, Staff and/or employees and/ or agents of..... (*Insert name of the Procuring entity*) which is the procuring entity.
 3. THAT the aforesaid Bidder, its servants and/or agents /subcontractors have not offered any inducement to any member of the Board, Management, Staff and/or employees and/or agents of..... (*Name of the procuring entity*).
 4. THAT the aforesaid Bidder will not engage /has not engaged in any corrosive practice with other bidders participating in the subject tender.
 5. THAT what is deponed to herein above is true to the best of my knowledge information and belief.

..... (Title)
(Signature) (Date)

Bidder Official Stamp

DECLARATION AND COMMITMENT TO THE CODE OF ETHICS

I (Person) on behalf of
(Name of the Business/ Company/Firm) declare that I have read and fully understood the contents of the Public Procurement & Asset Disposal Act, 2015, Regulations and the Code of Ethics for persons participating in Public Procurement and Asset Disposal Activities in Kenya and my responsibilities under the Code.

I do here by commit to abide by the provisions of the Code of Ethics for persons participating in Public Procurement and Asset Disposal.

Name of Authorized signatory.....

Sign.....

Position.....

Office address.....

Telephone.....

Email.....

Name of the Firm/Company.....

Date.....

(Company Seal/ Rubber Stamp where applicable)

Witness

Name

Sign.....

Date.....

FORMAT OF POWER OF ATTORNEY

We..... (Name and address of the registered office) do hereby constitute, appoint and authorize Mr. / Mrs. / Ms. (name and residential address) who is presently employed with us and holding the position of as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our proposal for the project/goods/works/services“.....”, including signing and submission of all documents and providing information / responses to the Kenya Electricity Generating Company PLC, ("KenGen"), representing us in all matters before KenGen, and generally dealing with KenGen in all matters in connection with our Proposal for the said project/goods/works/services.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us

..... (Signature)(Name, Title and Address)

Accepted

..... (Signature)(Name, Title and Address of the Attorney)

FORM TECH - 9: TENDER-SECURING DECLARATION FORM {r 46 and 155(2)}

[The Bidder shall complete this Form in accordance with the instructions indicated]

Date:.....*[Insert date (as day, month and year) of Tender Submission]*

Tender No.:..... *[Insert number of tendering process]*

To:..... *[insert complete name of Purchaser]*

I/We, the undersigned, declare that:

1. I / We understand that, according to your conditions, bids must be supported by a Tender-Securing Declaration.
2. I /We accept that I/we will automatically be suspended from being eligible for tendering in any contract with the Purchaser or the period of time of *[insert number of months or years]* starting on *[insert date]*, if we are in breach of our obligation (s) under the bid conditions, because we—(a) have withdrawn our tender during the period of tender validity specified by us in the Tendering Data Sheet; or (b) having been notified of the acceptance of our Bid by the Purchaser during the period of bid validity, (i) fail or refuse to execute the Contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the instructions to tenders.
3. I / We understand that this Tender Securing Declaration shall expire if we are not the successful Tenderer (s), upon the earlier of:
 - a) Our receipt of a copy of your notification of the name of the successful Tenderer; or
 - b) Thirty days after the expiration of our Tender.
4. I/We understand that if I am /we are/in a Joint Venture, the Tender Securing Declaration must be in the name of the Joint Venture that submits the bid, and the Joint Venture has not been legally constituted at the time of bidding, the Tender Securing Declaration shall be in the names of all future partners as named in the letter of intent.

Signed:

Capacity / title (director or partner or sole proprietor, etc.)

Name:

Duly authorized to sign the bid for and on behalf of: *[Insert complete name of Tenderer]* Dated on day of *[Insert date of signing]*

Seal or stamp

SECTION 4. 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

FIN-4 Reimbursable expenses

FORM FIN-1: FINANCIAL PROPOSAL SUBMISSION FORM

..... {Location, Date}

To: [Name and address of Procuring Entity]

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 currency*} {*Insert amounts in words and figures*}, including of all taxes in accordance with ITC24.2 in the Data Sheet. The estimated amount of local taxes is..... {*Insert currency*} {*Insert amount in words and figures*}.

{*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, for the period of time specified in the ITC12.1 Datasheet.

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, Amount and Purpose of Commission of Agents, Currency or Gratuity

{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,

Signature..... (*Of Consultant's authorized representative*) {*In full and initials*}:

Full name: {*Insert full name of authorized representative*}

Title: {*Insert title/ position of authorized representative*}

Name of Consultant..... (*Company's name or JV's name*):

Capacity: {*Insert the person's capacity to sign for the Consultant*}

Physical Address: {*Insert the authorized representative's address*}

Phone: {*Insert the authorized representative's phone and fax number, if applicable*}

Email: {*Insert the authorized representative's email address*}

{*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 ITC 16.4 of the Data Sheet; delete columns which are not used}			
	{Insert Foreign Currency # 1}	{Insert Foreign Currency # 2, if used}	{Insert Foreign Currency # 3, if used}	{Insert Local Currency, if used and/or required}
Cost of the Financial Proposal				
Including:				
(1) Remuneration				
(2) Reimbursables				
Subtotal [Remuneration + Reimbursables]				
Taxes:				
{insert type of tax e.g., VAT or sales tax}				
{e.g., withholding tax on experts' remuneration}				
{insert type of tax}				
Total Taxes				
Total Cost of the Financial Proposal: {Should match the amount in Form FIN-1}				

FORM FIN-3A: BREAKDOWN OF REMUNERATION

When used for Lump-Sum contract assignment, information to be provided in this Form shall only be used to demonstrate the basis for the calculation of the Contract's ceiling amount; to calculate applicable taxes at contract negotiations; and, if needed, to establish payments to the Consultant for possible additional services requested by the Procuring Entity. This Form shall not be used as a basis for payments under Lump-Sum contracts.

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}
Key Experts								
K-1			[Home]					
			[Field]					
K-2								
Non-Key Experts								
N-1			[Home]					
N-2			[Field]					

	Total Costs							

FORM FIN 3B: CONSULTANT'S REPRESENTATIONS REGARDING COSTS AND CHARGES

{This Form FIN 3B shall be used for Time-Based contracts only. If Lump sum Contract is used, the Procuring Entity shall delete the FORMFIN-3B, FORM FIN-3C and FORM FIN-3D from the RFP before issuance to Consultants}

Consultant:Country:

Assignment:Date:

We hereby confirm that:

- a) The basic fees indicated in the attached table are taken from the firm's pay roll 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

Name:

Title:

Date:

FORM 3C: FORM FOR CONSULTANT'S REPRESENTATIONS REGARDING COSTS AND CHARGES

{This Form FIN 3C shall be used for Time-Based contracts only}

(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 Charge s ¹	Overhead ¹	Subtotal ¹	Profit ²	Away from Home Office Allowance	Proposed Fixed Rate per Working Month/Day/Hour	Proposed Fixed Rate per Working Month/Day/Hour ¹
Home Office									
Procuring Entity'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 3D: BREAKDOWN OF REMUNERATION RATES [FOR TIME BASED CONTRACTS ONLY]

1. Review of Remuneration Rates

- 1.1 The remuneration rates are made up of salary or abase fee, social costs, overheads, profit, and any premium or allowance that may be paid for assignments away from headquarters or a home office. Form FIN3 C can be used to provide a breakdown of rates.
- 1.2 The Form FIN 3C shall be completed and attached to the Financial Form-3. As agreed at the negotiations, breakdown sheets shall form part of the negotiated Contract and included in its Appendix D or C.
- 1.3 At the negotiations the firm shall be prepared to disclose its audited financial statements for the last three years, to substantiate its rates, and accept that its proposed rates and other financial matters are subject to scrutiny. The Procuring Entity is charged with the custody of government funds and is expected to exercise prudence in the expenditure of these funds.

2 Rate details are discussed below:

- (i) Salary is the gross regular cash salary or fee paid to the individual in the firm's home office. It shall not contain any premium for work away from headquarters or bonus, except where these are included bylaw or government regulations.
- (ii) Bonuses are normally paid out of profits. To avoid double counting, any bonuses shall not normally be included in the “Salary” and should be shown separately. Where the Consultant's accounting system is such that the percentages of social costs and overheads are based on total revenue, including bonuses, those percentages shall be adjusted downward accordingly. Where national policy requires that 13 months' pay be given for 12 months' work, the profit element need not be adjusted downward. Any discussions on bonuses shall be supported by audited documentation, which shall be treated as confidential.
- (iii) Social Charges are the costs of non-monetary benefits and may include, inter alia, social security (including pension, medical, and life insurance costs) and the cost of a paid sick and/or annual leave. In this regard, a paid leave during public holidays or an annual leave taken during an assignment if no Expert's replacement has been provided is not considered social charges.
- (iv) Cost of Leave The principles of calculating the cost of total days leave per annum as a percentage of basic salary is normally calculated as follows:

$$\text{Leave cost as percentage of salary} = \frac{\text{total days leave} \times 100}{[365 - w - ph - v - s]}$$

Where w = weekends, ph = public holidays, v = vacation, and s = sick leave.

Please note that leave can be considered as a social cost only if the Procuring Entity is not charged for the leave taken.

- (v) Overheads are the Consultant's business costs that are not directly related to the execution of the assignment and shall not be reimbursed as separate items under the Contract. Typical items are home office costs (non-billable time, time of senior Consultant's staff monitoring the project, rent of headquarters' office, support staff, research, staff training, marketing, etc.), the cost of

Consultant's personnel not currently employed on revenue-earning projects, taxes on business activities, and business promotion costs. During negotiations, audited financial statements, certified as correct by an independent auditor and supporting the last three years' over heads, shall be available for discussion, together with detailed lists of items making up the overheads and the percentage by which each relates to basic salary. The Procuring Entity does not accept an add-on margin for social charges, overhead expenses, etc. for Experts who are not permanent employees of the Consultant. In such case, the Consultant shall be entitled only to administrative costs and a fee on the monthly payments charged for sub-contracted Experts.

- (vi) *Profit* is normally based on the sum of the Salary, Social costs, and Overheads. If any bonuses paid on a regular basis are listed, a corresponding reduction shall be made in the profit amount. Profit shall not be allowed on travel or any other reimbursable expenses.
- (vii) *Away from Home Office Allowance or Premium or Subsistence Allowances* Some Consultants pay allowances to Experts working away from headquarters or outside of the home office. Such allowances are calculated as a percentage of salary (or a fee) and shall not draw over heads or profit. Sometimes, by law, such allowances may draw social costs. In this case, the amount of this social cost shall still be shown under social costs, with the net allowance shown separately.

FORM FIN-4 BREAKDOWN OF REIMBURSABLE

When used for Lump-Sum contract assignment, information to be provided in this Form shall only be used to demonstrate the basis for calculation of the Contract ceiling amount, to calculate applicable taxes at contract negotiations and, if needed, to establish payments to the Consultant for possible additional services requested by the Procuring Entity. This form shall not be used as a basis for payments under Lump-Sum contracts. This form shall be filled for Time-Based Contracts to form the basis of contract negotiations.

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	{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							
	{e.g., Office rent}							
							
	{Training of the Procuring Entity’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 Entity can set up a ceiling.

SECTION 5. TERMS OF REFERENCE

1.0 KenGen Company Profile

The Kenya Electricity Generating Company PLC (KenGen) is a Public limited liability company registered under the Companies Act of the laws of Kenya. The Company was incorporated in 1954, with its core business being developing, managing, and operating power generation plants. It is listed in the Nairobi Securities Exchange, with the Government of Kenya owning 70% shareholding and the public 30%. The Company has a total installed capacity of 1,904 MW comprising of Hydropower (825.69 MW), Geothermal (799 MW), Thermal (253.5 MW) and Wind (25.5 MW).

1.1 KenGen's Experience in Geothermal

KenGen's geothermal plants are located within the Olkaria region in Naivasha sub-county, about 120KM northwest of Nairobi. The company commenced exploration of the Olkaria geothermal area in the early 1950s, which identified a geothermal potential zone of about 204 km², currently known as the Greater Olkaria. The 204 km² extension of the Greater Olkaria geothermal zone was divided into seven sectors for the sake of rationalizing the development efforts: Olkaria East, Olkaria West, Olkaria Northwest, Olkaria Northeast, Olkaria Central, Olkaria Domes and Olkaria Southwest. Kenya has a geothermal installed capacity of 984MW and is currently positioned Seventh in the world. KenGen has developed various power plants in the Olkaria area, as indicated in Table 1 below, with a total installed capacity of 799MW.

Table 1: KenGen Geothermal Plants Installed Capacity

No.	KenGen Geothermal Plant	Installed Capacity (MW)
1	Olkaria I Units 1, 2 & 3	45
2	Olkaria II	105
3	Olkaria I Units 4 & 5	150.5
4	Olkaria IV	149.8
5	Eburru Hill	2.4
6	Wellhead Units	86.1
7	Olkaria V	172.3
8	Olkaria I Unit 6	86.6
Total		799

The Olkaria West geothermal field hosts the Olkaria-III power plant, which is a 150 MW binary technology plant owned and operated by an IPP, Orpower-4 Inc., wholly owned by Ormat International. In the Olkaria Northwest sector, a Horticulture Company, Oserian Development Company, has installed two power plants for internal use; a 2MW Ormat binary-cycle power plant and a 2MW backpressure steam turbine.

Studies estimate that there is still considerable geothermal potential in Olkaria; hence, KenGen plans to install additional generation capacity, with the plants being at advanced development stages. Installation of new power plants will bring the total installed geothermal capacity in the Greater Olkaria zone to over 1000MW.

2.0 Proposed Rehabilitation/ Redevelopment Projects

2.1 Proposed Rehabilitation and/or Redevelopment of Olkaria II Power Plant

Olkaria II geothermal power plant was built and commissioned within the expansive Olkaria geothermal field. The plant has three generating Units of 35MW each totalling to an installed capacity of 105MW with a net power export to the national grid of 101MW as per the Power Purchase Agreement (PPA) with Kenya Power (KP). Units 1 and 2 were commissioned in 2003/4 while Unit 3 was brought online in 2010.

The Government of Kenya invested in this power plant to spur economic growth by lowering the cost of power by way of displacing expensive thermal energy and stabilizing the power supply by reducing over-dependence on hydropower, which is prone to erratic weather patterns. The project was co-financed by the European Investment Bank (EIB), the International Development Association (IDA), the Agence Française de Développement (AFD) and KfW.

The Olkaria II power plant has experienced normal wear and tear during its 20 years of operation, leading to increased O&M costs. There is potential to benefit from adopting new technologies, which may result in increased power output arising from better efficiencies and in steam utilization. Spares for this plant are also proving challenging to acquire from Original Equipment Manufacturers (OEM) due to their obsolescence. Despite the aging power plant, the Geothermal Reservoir and the Steam field are still in good status and capable of sustaining production for many more years. The PPA term for the plant expires in 2028, therefore a feasibility study on rehabilitation options is required to ascertain the possibility of extending the power plant's life beyond its current economic life for an additional 25 years.

Against this background, KenGen intends to conduct detailed investigations and studies on the current condition of Olkaria II Power Plant and assess the feasibility of rehabilitating and redeveloping the plant and associated steam gathering system. In this regard, KenGen is seeking to engage a reputable consulting firm to conduct a feasibility study for both rehabilitation and redevelopment options.

2.2 Proposed Redevelopment of the Wellhead Units Power Plants

The Wellhead Units plants consist of fifteen (15) single-flash condensing turbine generation units (1x5.5MW units and 2x3.2MW units) located in the Olkaria area. The total installed capacity of the wellheads power plants is 86.1MW with the units having various commissioning dates. Table 2 show details of the Wellhead units power plants.

Table 2: Wellhead Units Plants

No.	Plant	Installed Capacity (MW)	Commissioning Date	Well data		
				Northings	Eastings	Elevation (Masl)
1	KWG 01	5.5	2012	9901746.457	198973.158	2016.683
2	KWG 12	5.5	2014	9901664.508	198920.137	2016.822
3	KWG 13	5.5	2014	9901697.192	198937.185	2016.928
4	KWG 02	6.4	2014	9903462.957	200791.492	2107.556
5	KWG 03	6.4	2014	9903476.106	200760.657	2105.003
6	KWG 04	6.4	2015	9899866	205278.2	2009.288
7	KWG 05	6.4	2015	9899792.62	205292.59	2009.271
8	KWG 06	5.5	2015	9899836.945	205290.775	2009.204
9	KWG 07	5.5	2015	9899836.945	205290.775	2009.204
10	KWG 08	5.5	2015	9899762	205293.6	2009.352
11	KWG 09	5.5	2016	9899955.078	204422.577	1984.807
12	KWG 10	5.5	2016	9899923.741	204402.723	1984.621
13	KWG 11	5.5	2016	9901473.168	204820.478	1983.908
14	KWG 14	5.5	2016	9901245.501	202777.748	1948.088
15	KWG 15	5.5	2016	9901775.091	198166.345	2140.575

The wellheads power plants have experienced normal wear and tear since their commissioning, this coupled with lack of redundancies on critical plant equipment, inherent design and installation challenges and unavailability of spare parts have led to increased O&M costs and prolonged unit outages. The PPA term for most wellheads power plants expire in 2028. There is potential to redevelop the Wellhead units by consolidating the associated wells to one steam gathering system and installing a large capacity plant. Some steamfield systems can be redeveloped and incorporated as part of the supply in redevelopment of Olkaria II plant thereby increasing generated capacity. The wells located away from the existing plants can be considered as part of steam supply for planned plants (in this case for future Olkaria VII unit 2).

There is potential to benefit through harnessing new technologies to increase power output, improve generation efficiency and enhanced steam utilization.

KenGen therefore intends to assess the feasibility of redeveloping the Wellhead Units Power Plants and their steam gathering systems and is seeking to engage a reputable consulting firm to conduct a feasibility study.

3.0 Feasibility Study Objective

The objective of this study is to analyse the technical, economic, financial, social, and environmental feasibility of rehabilitation the Olkaria II Power Plant, redevelopment of the Olkaria II Power Plant and redevelopment of the Wellhead Units Power Plants.

The Rehabilitation study shall entail the analysis of modification requirements to the existing Olkaria II plant

to restore its performance and extend the lifetime. The Redevelopment study shall entail the analysis of redevelopment requirements of Olkaria II for Olkaria II and wellheads and shall also include decommissioning of the existing Olkaria II and Wellhead Units power plants and replacement with new ones of improved capacity and efficiency while retaining parts of the associated existing infrastructure for steam supply and power evacuation.

For the Olkaria II Power Plant, analysis for rehabilitation and redevelopment shall be conducted, while only redevelopment analysis shall be considered for the Wellhead Units Power Plants.

3.1 Scope of the Feasibility Study

The scope of the feasibility study will cover the following:

- i. Rehabilitation of Olkaria II Power Plant
- ii. Redevelopment of Olkaria II Power Plant
- iii. Redevelopment of the Wellhead Units Power Plants

3.1.1 Feasibility Study for the proposed Rehabilitation of Olkaria II Power Plant

The Feasibility Study Consultant shall:

- i. Collect and collate relevant reports, data, and information for the Olkaria II Power Plant for the rehabilitation study. Such data shall include but not limited to the plant As-Built drawings, monthly and annual reports, generation data, availability data, capacity tests, well test data, steam and brine output and chemistry parameters, environmental and structural audits.
- ii. Analysis of geochemical and production well data.
- iii. Analysis of the plant's components and systems, including but not limited to steam supply and reinjection, venting, mechanical, electrical, protection, control & instrumentation, supervision (DCS and SCADA), and all other auxiliary systems.
- iv. Assess the current condition, the remaining lifespan of the equipment, and its corresponding risk, and determine if the components should be rehabilitated or replaced. The assessment shall include visual assessment of mechanical, electrical, control & instrumentation, and Civil components of the plant components; this shall include the associated steam-field, powerhouse and power evacuation system.
- v. Review structural audit reports, including planned and already undertaken repairs. Assess the structural integrity of powerhouse, other civil structures, building works and foundations and advice on their current condition and their capability to sustain the extended life of the plant after rehabilitation and necessary modifications/enhancements.
- vi. Identify specific and cost-effective ways to rehabilitate the Olkaria II geothermal power plant to determine and optimize the plant life extension period.
- vii. Review modern existing technologies for the use of geothermal steam in power generation and identify the appropriate technology or improvements that can be utilized during the rehabilitation to increase the efficiency of the plant.

- viii. Produce concept designs for the power plant to guide the proposed rehabilitation
- ix. Identify steam gathering system components to be refurbished and/or replaced, taking into consideration the current Turbine inlet pressures, and develop the steamfield concept designs to be in tandem with this.
- x. Provide an implementation schedule for the rehabilitation project taking into consideration the demand requirements for the power plant and reduction of revenue due to loss of power production
- xi. Prepare an overall budget and assess financing opportunities and implications for the rehabilitation
- xii. Evaluate the electric power transmission system to confirm if the expected power output can be evacuated using the existing infrastructure and recommend alternative routes/ enhancements if necessary.
- xiii. Prepare the financial and economic analysis and carry out a Cost-Benefit Analysis (CBA) of the project over the project life.
- xiv. Prepare a bankable Feasibility Study Report.

3.1.2 Feasibility Study for the Proposed Redevelopment of Olkaria II Power Plant

The Feasibility Study Consultant shall:

- i. Collect and collate relevant reports, data, and information for the Olkaria II redevelopment study. Such data include but not limited to well test data, steam and brine output and chemistry parameters.
- ii. Analysis of geochemical and production well data.
- iii. Assess possible powerhouse site locations and develop a ranking criterion with recommendations for KenGen's concurrence.
- iv. Undertake detailed geotechnical and topographical assessment of the proposed site.
- v. Review modern existing technologies for the use of geothermal steam in power generation and identify the appropriate technology or improvements that can be utilized during the redevelopment
- vi. Develop conceptual designs for the power plant to guide the proposed redevelopment.
- vii. Review existing steam gathering system, propose modifications and identify system components to be refurbished and/or replaced, taking into consideration the proposed power plant operational parameters, and develop the steamfield conceptual designs to be in tandem with this.
- viii. Prepare an overall budget and assess financing opportunities and implications for the redevelopment project.
- ix. Evaluate the electric power transmission system to confirm if the expected power output can be evacuated using the existing infrastructure and recommend alternative routes/enhancements if necessary.
- x. Prepare the financial and economic analysis and carry out a Cost-Benefit Analysis (CBA) of the project over the project life.
- xi. Conduct an Environmental & Social risk screening and scoping study and subsequent environmental and social impact assessment (ESIA) in line with relevant national legislation and applicable international standards and NEMA regulations.

- xii. Provide an implementation schedule for the redevelopment project taking into consideration the demand requirements for the power plant and reduction of revenue due to loss of power production.
- xiii. Prepare a bankable Feasibility Study Report.

3.1.3 Feasibility Study for the proposed Redevelopment of Wellhead Units Power Plants

- i. Collect and collate relevant reports, data, and information for the wellheads power plants redevelopment study. Such data includes power plant as built drawings, monthly and annual reports, generation data, availability data, capacity tests, steam and brine parameters, environmental audits and other relevant reports.
- ii. Analysis of geochemical and production well data.
- iii. Analysis of the Wellhead units plant components and systems, including but not limited to steam supply and reinjection, venting, mechanical, electrical, protection, control & instrumentation, supervision (DCS and SCADA), civil and structural systems and all other auxiliary systems.
- iv. Assess possible powerhouse site locations and develop a ranking criterion with recommendations for KenGen's concurrence.
- v. Undertake preliminary geotechnical and topographical assessment of the proposed site.
- vi. Review modern existing technologies for the use of geothermal steam in power generation, - optimise wells allocated for wellheads plants and identify the appropriate technology or improvements that can be utilized during the redevelopment.
- vii. Produce conceptual designs for the power plants and steam gathering systems to guide the proposed redevelopment.
- viii. Prepare an overall budget and assess financing opportunities and implications for the redevelopment project.
- ix. Evaluate the electric power transmission system to confirm if the expected power output can be evacuated using the existing infrastructure and recommend alternative routes/ enhancements if necessary.
- x. Prepare the financial and economic analysis and carry out a Cost-Benefit Analysis (CBA) of the project over the project life.
- xi. Conduct an E&S risk screening and scoping study and then undertake an environmental and social impact assessment (ESIA) in line with relevant national legislation and in line with the applicable international standards and NEMA regulations.
- xii. Provide an implementation schedule for the redevelopment project taking into consideration the demand requirements for the power plant and reduction of revenue due to loss of power production.
- xiii. Prepare a bankable Feasibility Study Report;

4.0 Feasibility Study Tasks

4.1 Task 1: Project Start and Kick-off Meeting

The Consultant shall hold a kick-off meeting with KenGen within two weeks of the contract award to develop a detailed work plan based on the TOR. The work plan shall detail the study timeline and milestones, and this will form the basis for assessing the Consultant's monthly progress. The Consultant shall present and brief KenGen on the concept of a Feasibility Study for the rehabilitation and redevelopment of Olkaria II Geothermal Power plant and redevelopment of the Wellhead units power plants. During the kick-off mission, the consultant shall conduct a site visit to familiarize himself with the project and collect any site data he may require. The site visit will be comprehensive enough to understand rehabilitation and redevelopment requirements and identification of potential sites for the new projects.

The Consultant shall collate and assess the available information and data to be provided by KenGen with a view of determining adequacy of the information and data available and recommend to KenGen any additional information and data required to enable a comprehensive feasibility study. The Consultant shall review these materials, identify any information gaps and develop a plan for collecting such information which shall include physical measurements at the site.

The kick-off meeting shall be the start date of the study. The Consultant shall issue an Inception report detailing all the works conducted in this task, four (4) weeks after the start date.

4.2 Task 2: Review of Kenya's regulatory framework and Energy Market Overview

The Consultant shall review the various regulatory requirements by Energy & Petroleum Regulatory Authority (EPRA), Energy legislations in Kenya, Least Cost Power Development plans on the targets for renewable energy and the planned installed capacity in line with Kenya Vision 2030. The Consultant shall analyze the proposed projects in terms of generation/demand balance as shown in the latest least cost power development plan and the future trends including the drive to achieve net zero. This task should also include justification of the proposed projects in line with the energy sector plans and the projected power demand and supply patterns. Other demand drivers such as the planned Olkaria green energy park and data centers shall be considered.

4.3 Task 3: Technical Assessment

4.3.1 Rehabilitation of Olkaria II Power Plant

- a. The Consultant shall carry out an evaluation of the power plant and steamfield in its current condition. The evaluation shall include all key structures and equipment in the Olkaria II – 105MW Geothermal Power Plant, such as civil structural & foundations, mechanical equipment, electrical

equipment, protection, instrumentation, and control (PIC) equipment, steam and brine gathering equipment and Switchyard infrastructure. In addition, the consultant will conduct a thorough inspection of all units in the plant during a scheduled shutdown during the feasibility study.

- b. The consultant shall make recommendations for retention, rehabilitation or replacement of the equipment and civil infrastructure. The choice of equipment should consider existing technology in other KenGen Geothermal Plants to allow for parts interchangeability and shared experience for the operation and maintenance of the plants. However, this should not limit the application of better technologies for optimized performance of the Units.
- c. Rehabilitation considerations shall include upgrade and modernization of the key plant components while maintaining the basic design structure of the facility with an aim to improve the geothermal steam conversion efficiency and improved operational and maintenance reliability.
- d. The Consultant shall recommend critical spares for the plant and propose value engineering considerations.

4.3.2 Redevelopment of Olkaria II Power Plant

The consultant shall undertake the following:

- a. Assess various sites preferably near Olkaria II, a ranking criterion for the sites shall be developed from which the most feasible site shall be chosen.
- b. Detailed geotechnical study. The geotechnical analysis shall be detailed enough for development of civil work costs, including any earthwork and foundation costs, for the Project. The geotechnical investigation objective is to identify the general subsurface conditions at the site by means of borehole investigations. Three (3) boreholes of 30m depth for the most feasible site will be drilled to inform the design. Other activities including but not limited to geological profiling, soft ground auger boring, trial pits, SPT, soil and rock lab testing will also be carried out. Parameters tested shall include but not limited to; soil classification, strength, bearing capacities, chemical reaction, settlement characteristics, permeability drainage.
- c. A detailed topographical survey shall be undertaken, the survey shall be done by a system that is able to deliver a high accuracy Digital Terrain Model (DTM). The topographical survey shall be detailed enough to cover proposed new plant site and its associated facilities for an area of approximately 3KM².
- d. Review technology options that shall optimise steam consumption and maximise plant output. the consultant shall be expected to consider at least three technology options such as binary, screw expander technologies, dry/wet/hybrid cooling towers etc.
- e. The Consultant shall recommend critical spares for the plant and propose value engineering considerations.

It is expected that the existing Olkaria II plant shall be in operation during construction of the redevelopment option. The existing plant shall be decommissioned after new plant is ready for Steamfield and transmission line integration.

4.3.3 Redevelopment of the Wellhead Units Power Plant

The consultant shall undertake the following:

- a. The Consultant shall carry out an evaluation of the power plants and steamfield in its current condition. The Consultant shall assess redevelopment options for the associated wells as per this TOR. The Consultant shall also suggest other feasible options to optimise the wells.
- b. The consultant shall assess various sites for redevelopment of the Wellhead units, develop a ranking criterion for the sites from which the most feasible site shall be chosen.
- c. Preliminary geotechnical and topographical studies. The geotechnical analysis shall use the existing data for development of civil work costs, including any earthwork and foundation costs, for the Project. The geotechnical investigation objective is to identify the general subsurface conditions at the site.
- d. Review technology options that shall optimise steam consumption and maximise plant output. the consultant shall be expected to consider at least three technology options such as single flash, binary, screw expander technologies, dry/wet/hybrid cooling towers etc.

4.4 Task 4: Geothermal Resource Assessment

4.4.1 Olkaria II Power Plant

- a. The consultant shall conduct geochemical and production assessment of wells assigned to Olkaria II Geothermal Plant and determine their characteristics and optimal capacity.
- b. The consultant shall determine the full and sustainable electrical power production potential of the wells including the optimum turbine inlet pressure for the plant rehabilitation and redevelopment options. The consultant shall establish current and future requirements for makeup wells and relevant field management considerations.
- c. The consultant shall assess the effects of scaling and clogging on the equipment, flash point characterization and depletion rate of the existing wells.
- d. The Consultant shall assess current inhibitor dosing philosophy and the dosing system of the plant and recommend improvements. Details of Olkaria II Well are shown in Table 3.

Table 3: Olkaria II Wells

No.	Well Name	Northings	Eastings	Elevation MASL	Capacity (MW)	Remarks
	Production wells					
1	OW-701	9903659	199494	2024	7	
2	OW-727	9903886	199320	2029		Shared Separator (OW-701)
3	OW-720	9903477	199051	2095	9	
4	OW-728	9903390	199430	2036		Shared Separator (OW-720)
5	OW-713	9903063	199460	2036	2	
6	OW-719	9903503	199739	2055	10	
7	OW-726	9903834	199713	2038		Shared Separator (OW-719)
8	OW-715	9904130	199553	2020	4	
9	OW-725	9903912	200351	2146		Shared Separator (OW-705)
10	OW-714	9904213	200554	2167	19	
11	OW-716	9904420	200854	2177		Shared Separator (OW-714)
12	OW-705	9903537	200798	2160	14	
13	OW-712	9904022	198980	2184	3	
14	OW-706	9903924	198679	2102	4	
15	OW-710	9904151	198363	2077	3	
16	OW-709	9903418	198730	2135	9	
17	OW-721	9903082	198852	2172	4	
	Hot reinjection wells					
18	OW-R2	9904906	198426	1978		
19	OW-708	9904657	198929	1990		
20	OW-R3	9902561	199790	1993		
21	OW-34	9901800	199982	1957		
22	OW-03	9900982	199982	1964		
	Cold reinjection wells					
23	OW-201	9903555	197769	2091		
24	OW-204	9904213	197119	2026		
	Makeup wells					
25	OW-742A	9903768	198824	2109	15	Not connected
26	OW-742	9903749	198795	2113	5	Not connected
27	OW-49	9902168	197690	2198	12	Not connected
28	OW-49C	9902132	197696	2196	8	Not connected

4.4.2 Wellhead Units Power Plants

- a. The consultant shall conduct geochemical and production assessment of wells assigned to the Wellheads units plant and determine their characteristics and optimal capacity (Refer to Table 2).

- b. The Consultant shall consider connection/grouping of the wells associated with the Wellhead units to be redeveloped as a singular plant and consideration of wells in proximity to Olkaria II to be incorporated in redevelopment of Olkaria II. The consultant shall also consider other possible scenarios for redevelopment in consultation with KenGen.
- c. Based on the recommended redevelopment option, the consultant shall determine the full and sustainable electrical power production potential of the wells. The consultant shall make a robust case for the optimal utilization of each well. The consultant shall also recommend optimum turbine inlet pressures.
- d. The consultant shall establish current and future requirements for makeup wells and other relevant field management considerations.

The consultant shall assess the effects of scaling and clogging on the equipment, flash point characterization and depletion rate of the existing wells. The Consultant shall also assess current inhibitor dosing philosophy and the dosing system of the plants and recommend improvements.

4.5 Task 5: Technology Analysis

- a. The consultant shall analyse three technological options for purposes of redevelopment of Olkaria II and Wellhead units plants; (i) single flash condensing, (ii) binary and (iii) screw expander technology. The analysis will include technical assessment as well as the cost estimations.
- b. The consultant will be expected to sound the OEMs for equipment cost estimation and sizing and plant parameters. The three technology options will be incorporated into the financial model in analysis of redevelopment of the plants.

4.6 Task 6: Conceptual Designs

4.6.1 Plant conceptual design

- a. The consultant shall prepare conceptual designs for (i) rehabilitation of Olkaria II plant, (ii) redevelopment of Olkaria II plant, and (iii) redevelopment of the Wellhead units plants. The Consultant shall also make recommendations for optimum turbine inlet pressures redevelopment of the plants.
- b. The Consultant shall include all relevant calculations to in the report.

4.6.2 Steamfield Conceptual design

- a. The consultant shall review the As-Built steamfield documentation for Olkaria II and Wellhead units plants and generate requirements for redevelopment of the plants with recommendations for design improvement, automation, optimum operating pressures to mitigate against silica scaling and the need for replacement of worn equipment.

- b. The consultant shall then develop the conceptual design incorporating the proposed design improvement incorporating the proposed makeup wells in the steam gathering system.
- c. The Consultant shall consider redevelopment/optimization of the wells associated with the Wellhead Units plants as detailed in Tale 4:

Table 4: proposed redevelopment/Optimization of Wellhead Unit wells

Wells	Proposed redevelopment/optimization for consideration
OW-37, OW-37A OW-37B, OW-39	For connection to future plant (Olkaria VII Unit 2)
OW-905A, OW-919A, OW-914, OW-914A, OW-914B, OW-914C, OW-914D, OW-915C OW-915D	(900 series wells) For redevelopment into a singular plant (These wells are located close to Olkaria V Unit 1 & 2 power plant and can be consolidated to supply steam for an additional unit 3. The Consultant can also recommend other suitable sites for the Plant). The Consultant shall consider interconnection of the power transmission system between the grid and KenGen Green Park.
OW-43	To be considered as additional steam supply for Olkaria II redevelopment. Interconnection to Olkaria II steam gathering system and brine reinjection to be included in the concept design.

4.6.3 Power Transmission System

- a. The consultant shall carry out load flow studies, short circuit analysis, voltage stability, transient fault analysis and other system stability simulations for the power systems. The consultant will also carry out a dynamic stability analysis of the power system including stability analysis using PSS/E software. The consultant will also evaluate the ability of the existing power evacuation infrastructure to cater for any enhanced generation capacity.
- b. The Consultant shall carry out simulation of the PSSE model of the current grid network using compatible software. The PSSE model that will be provided by KenGen.

4.6.4 Drawings

The Consultant's conceptual design shall include the following drawings as a minimum:

- Project location and layout
- Plant layout;
- Generation Arrangement Drawings;
- Powerhouse floor plans and sections, showing both major and auxiliary equipment;
- Power plant single line diagrams;
- Heat & Mass Balance diagrams;

- Protection diagrams;
- Cooling tower and ancillary facilities;
- Generation substation including step up and step-down transformer, switchgear and switchyard arrangement;
- Transmission system single line diagram;
- Control system infrastructure;
- Steam Gathering System layout;
- Steam Gathering System Process & Instrumentation Diagram;
- Separation Station General Arrangement;
- Reinjection System layout for brine and condensate;
- Water supply arrangement; raw and potable water reticulation system, domestic sewage disposal and,
- Warehouse and offices, and any other associated infrastructure.

All drawings are to be provided in an editable format.

4.6.5 Cost Estimates

- a. The consultant shall obtain quotations from OEMs and EPC contractors to purposed of feasibility level cost estimation for three aspects of the study; (i) rehabilitation of Olkaria II plant, (ii) redevelopment of Olkaria II Plant, and (iii) redevelopment of the Wellhead Units Plants.
- b. The costs shall include the associated steam gathering and power evacuation systems.
- c. Other costs to be considered include the following as a minimum:
 - Local costs included in the supply and installation contracts;
 - Communication facilities including cybersecurity measures for effective load dispatching, protection and control;
 - Cost of environmental and social mitigating measures, including abatement of emissions and effluents;
 - Rehabilitation or replacement of switchgear and overall control systems, including distributed control system (DCS);
 - The cooling tower, cooling water supply, and treatment systems. The FS should examine the expected lifespan of cooling towers and model rehabilitation costs of cooling towers occurring within the 25yr period as O&M costs in the financial model;
 - The operations and maintenance cost estimate will be inclusive of (a) fixed O&M costs (spare parts and maintenance materials); and (b) variable costs inclusive of: staffing requirements, supplies and consumables, and training administration.
 - The Consultant shall propose additional costs to be considered.

4.6.6 Implementation Schedule & Risk analysis

- a. The consultant shall prepare an Implementation Schedule for the three aspects of the study. The Consultant shall prepare charts detailing monitors of critical activities and identify interface points etc. for design, procurement, and rehabilitation/construction of the civil, electro-mechanical and electrical works. Yearly project expenditures shall be assessed based on the schedule.
- b. The implementation schedule shall consider rehabilitation/redevelopment of the Olkaria II third unit after unit 1 and 2 since Unit 3 was installed 6 years later. The implementation schedule will be in line with Kenya's Least Cost Power Development Plan.
- c. An appropriate procurement and contracting strategy for the Olkaria II rehabilitation/redevelopment works and redevelopment of wellheads power plants shall be included in the report encompassing warranties on main equipment and the overall scope of works.
- d. The consultant shall identify all risks to the project and suggest mitigation plans. The consultant shall also identify risks related to revenues and costs and conduct relevant sensitivity analyses of the financial results with respect to changes in several key variables.
- e. The consultant shall prepare an overall risk management matrix for mitigating identified risks and unknowns during planning stage, procurement stage, rehabilitation/construction stage, commissioning, defects liability, and operation period.
- f. The risk analysis will include an overall assessment of the current operation risk as compared to initially identified risk during the project preparation stage, the overall management of the identified risks including a summary of the gaps and opportunities in the risk management process. This will guide KenGen in the risk management and allocation in the proposed new PPA as well as other relevant contracts relating to the power station O&M.
- g. The risk management will be conclusive in the identification of risk, allocation, mitigation and adoption of risks including a comprehensive risk management strategy. The consultant shall also prepare a works contracting strategy for project implementation.

4.7 Task 7: Environmental and Social Impact Assessment (ESIA) Studies

- a. The Consultant shall conduct an Environmental and Social Impact Assessment (ESIA) study for redevelopment of Olkaria II plant and redevelopment of the wellhead units plants (for the proposed new plant after consolidation of steam probably Olkaria V Unit 3 or as identified by consultant)
- b. The consultant shall submit the two ESIA reports to NEMA for licensing and address all the comments raised by NEMA during reports review. The report must comply with NEMA {EMCA 1999 and

Environmental (Impact Assessment & Audit) Regulations 2003} as well as World Bank, KfW and JICA requirements.

- c. The ESIA shall be undertaken in line with relevant national legislation and in line with
 - WB ESS 1 – WB ESS 10 as relevant
 - ILO Core Labour Standards
 - WB/IFC General EHS Guidelines and relevant industry sector specific EHS Guidelines
- d. The ESIA study shall include but not limited to:
 - i. Conduct E&S Risk Screening.
 - ii. Prepare an Environmental and Social scoping report for the project and submission to KenGen for acceptance
- e. The Scoping Report shall comprise the following contents
 - Brief description of the project, size and layout of the project area, as well as associated facilities (i.e. energy transmission infrastructure and access roads); including a brief description of the project phases and related activities;
 - Outline of project area of influence for the different environmental and social receptors;
 - Brief description of the applicable legal, regulatory and institutional framework and standards;
 - Initial gap analysis of national legal frameworks in relation to applicable international standards;
 - Brief description of the biological & physical environment and socio-economic setting;
 - Identification of the key environmental and social risks and potential impacts, i.e. aspects/areas that could potentially be impacted by the project, including identification of potentially affected local communities;
 - Brief description of the alternatives to be considered in the ESIA;
 - Brief stakeholder analysis/stakeholder mapping to identify the stakeholder groups who may be affected by and/or may have an interest in/influence on the Project, including initial consultation of local communities and statutory stakeholders for the scoping process;
 - Outline of methodology and approach for community engagement to be applied during ESIA, including national legal provisions for public information and disclosure;
 - Outline of the methodology, the approach and the general timeline for the ESIA, including activities and other necessary studies as required.
 - Cover (but not be limited to) issues related to
 - *Physical environment*: Topography, geology, soils, meteorology and climate/climate change, surface, and underground water resources (hydrology, water quality and drainage patterns); ambient air quality and noise levels, land use and land cover, landscape and visual amenity;
 - *Biological environment*: Fauna and flora including rare or endangered species; invasive

species; protected areas and critical habitats; overall scoping of relevant biodiversity aspects and corresponding sensitivities and topics which are to be addressed in detail in the ESIA

- *Ecosystem services*: Use of natural resources by local communities, access to such resources and envisaged use of natural resources by the Project (i.e. land/soil/vegetation, water);
 - *Social, economic and cultural environment*: Local livelihoods, land use (including seasonal land use), land tenure, agriculture/livestock farming, demographics, employment, socio-cultural institutions and cultural norms, community health and safety, education, infrastructure, waste management, landscape aesthetics, cultural heritage, vulnerable groups including persons with disabilities; indigenous groups in the Project Area, requirements for undertaking FPIC; status of land adjudication processes in the project area;
 - *Conflicts* within and between local communities,
 - *Contextual risks*: Identification of contextual risks and external threats which may influence the development and operation of the Project and the security and wellbeing of local communities;
 - Impacts on the environment and local communities from *previous geothermal development activities* and other investments in the project area, any legacy issues, lessons learned and requirements for improvement.
- f. If potential effects of the Project on these receptors (and any additionally identified receptors) are not considered as relevant, a reasonable explanation must be provided; these items are then considered to be “scoped out”.
- g. In the context of the scoping exercise it would be of key importance to ensure coverage of risks and potential impacts which would be typical for geothermal projects such as (without limitation):
- Water consumption and potential conflicts between water needs for project purposes and water needs for local communities;
 - Severance effects caused by geothermal infrastructure (i.e. pipelines) on local livelihoods (i.e. pastoralist movements);
 - Sensitive receptors regarding well blow out and steam pipeline failures;
 - Risks related to brine management, heavy metal contamination, risks due to drilling fluids and cuttings, health, and safety risks from hydrogen sulfide gas;
 - Participation rights of local indigenous communities, land rights of local communities;
 - Commitments to establish and maintain social license to operate in a conflict prone, natural disaster-prone environment and vulnerable local communities
 - Specific OHS risks and potential impacts related to working at heights, working in confined spaces, geothermal gases, radioactive water, heat and high noise levels;

- Scoping Report to comprise detailed ToR for ESIA and ESMP (all project phases) including monitoring plan
- Detailed ToR for any specialist studies , including for biodiversity studies as appropriate
- Detailed ToR for any other safeguard instruments and processes to be undertaken for the Project
- Annexes such as maps, schedules of activities and time lines

h. Required qualifications for full ESIA, ESMP and other studies, plans and instruments;

- i. Preparation of terms of reference for the ESIA studies and get approval of these terms of reference by NEMA.
- ii. Description of the nature and location, project components and functions, inputs, outputs, key bio-physical features and biodiversity of the proposed projects and all associated infrastructure;
- iii. Description of the preliminary design of the project;
- iv. Evaluate the international, national, institutional and county environmental legislative and regulatory frameworks including the Requirements by Financiers (such as WB, JICA, KfW, IFC) on the environment and socio-cultural and economic concerns and presenting them in a way that ensures the project meets both local and international financing requirements;
- v. Undertake site baseline studies as per Scoping Report on environmental aspects including biodiversity , social and economic aspects as per Scoping Study;
- vi. Carry out air dispersion using US EPA approved models such as CALMET/CALPUFF and noise modeling for the proposed project and existing plants and determine the sensitive receptors in the neighborhood of the project sites and make necessary recommendations;
- vii. Description of the activities that shall be undertaken during the project rehabilitation/ redevelopment, operation and decommissioning phases;
- viii. Identification of the potential environmental impacts of the projects and the mitigation measures to be taken on flora fauna and avifauna during and after implementation and decommissioning of the projects;
- ix. Carry out comprehensive environmental risk assessment for the sites;
- x. Assessment of project sites environmental restrictions;
- xi. Waste management: identification of the materials to be used, products and by-products, including waste to be generated by the projects and the methods of their disposal during construction, operation and decommissioning;
- xii. Carrying out assessment of noise, water and air pollution during construction, operation and decommissioning of the projects;
- xiii. Assessment/determination of land requirements and land agreements for the projects;
- xiv. Identification of the economic and socio-cultural impacts to the local community and the nation in general;

- xv. Development of a plan to ensure the relocation or resettlement of persons affected by the project, if any;
- xvi. Social analysis including an estimation of the number of persons and structures to be affected by the projects, if any, as well as the identification and estimation of the existing economic activities on the sites;
- xvii. Determine the employment and economic opportunities that will arise during and after implementation and decommissioning of the project.
- xviii. Assess all infrastructural issues associated with the project.
- xix. Develop project alternatives.
- xx. Develop plans to ensure the health and safety of the workers and neighboring communities are taken care of;
- xxi. Develop action plans for the prevention and management of possible accidents and incidents during the projects cycle;
- xxii. Develop environmental and social framework with specific plans such as biodiversity management plan, Traffic Management Plan, Human Wildlife Conflict Mitigation Management Plan, Occupational Health and Safety Plan, Community Health and Safety Plan, Dust Management Plan, Biodiversity Management Plan, An Invasive Species Management Plan among other plans deemed fit for all the phases of the proposed project
- xxiii. Carry out preliminary analysis of contribution of the projects to Green House Gas (GHG);
- xxiv. Integration of climate change vulnerability assessment, relevant adaptation, and mitigation actions into the ESIA studies;
- xxv. Development of stakeholder engagement plans and undertake comprehensive public and other stakeholder consultations to ensure inclusive participation during the studies and provide a summary of issues discussed during all the consultations and engagements; This will include at the minimum conducting: Key Informant Interviews with identified stakeholders, Focus Group Discussions, four (4) public barazas/meeting & a key stakeholders consultative forum;
- xxvi. Developing an Environmental & Social Management and Monitoring Plan (ESMP) for the project detailing measures for addressing potential negative environmental and social impacts of the project. In addition, the ESMP should clearly identify institutional roles, responsibilities and costs in addressing the mitigation measures that will be proposed in the ESIA;
- xxvii. Assessment of energy conservation measures during construction, operation, and decommissioning of the plant.
 - i. Once the study is completed, twelve (12) hard copies of the reports and a soft copy in a CD disk shall be submitted to NEMA for approval for the ESIA licensing after review and concurrence by KenGen. In addition, the consultant will submit via NEMA portal an electronic version of the ESIA report. The consultant will follow-up on the licensing process and follow through to the end when NEMA issues the license or makes the final decision.

- j. In case the power plant facilities are located within the National Park and/or PAPs need to be resettled, mitigation measures against negative impact on fauna and flora shall be considered.

4.8 Task 8: Financial & Economic Analysis

- a. For Olkaria II rehabilitation, Olkaria II redevelopment and Wellheads power plants redevelopment, the consultants shall prepare an economic analysis of the project to verify whether it truly reflects the least cost alternative for expansion of Kenya's electric power system and determine the economic rate of return within prescribed economic conditions. The variation ranges for these conditions within which profitability will be maintained shall also be determined.
- b. The consultant shall provide KenGen with all the necessary information so that KenGen, ascertain how the proposed geothermal projects are situated within the least-cost expansion plan, comparing it with other power generation alternatives.
- c. A breakdown of cash flow from the projects will have to be given with respect to all cost and revenue components for the entire life of the plant.
- d. Sensitivity analyses of changes in the fundamental parameters must be carried out. In addition, it will be necessary to analyse the impact of any changes in the plant construction time and cost.
- e. The Consultant shall conduct Life Cycle Cost Analysis (LCCA) and estimate the Levelized Cost of Energy resulting from the project. The three technologies; single flash, screw expander and binary technologies for Olkaria II redevelopment and wellheads redevelopment will be analysed in the model. For Olkaria II rehabilitation the existing single flash condensing technology will be analysed. The LCCA shall assess the total anticipated lifetime capital and operating cost for the project, design, rehabilitate/redevelop, operate, maintain, and decommission all aspects of the project. Such costs include, but are not limited to investment, installation, operation, maintenance, connection of makeup wells, refurbishment, and disposal costs that could be encountered throughout the life of the project.
- f. The consultants must use guidelines and methodologies acceptable to the World Bank and other DFIs. The financial & economic evaluation must be documented in clear and sufficient detail, and the report in question will have to illustrate clearly and precisely the results obtained, including a calculation memorandum and a description of the methodology used.
- g. Other activities shall include but not limited to the following;
 - Analyse the operation and maintenance costs of the plants from its date of commissioning against the negotiated O&M costs in its PPA. Determine the cause & magnitude of variation

and recommend appropriate O&M costs for the new plant;

- Analyse and compute the proposed tariff for the projects once rehabilitated/redeveloped project. Both rehabilitation and redevelopment (new power plants) LCOE and tariffs will be analysed.
- Calculation of financial and economic Net Present Value for the proposed project. All assumptions shall be clearly stated and sources indicated;
- A financial analysis to assess the financial viability of the Projects. Cash flow analysis of the Project over its lifetime should be provided, and the financial rate of return (FIRR) on the investment should be determined (from an investor point of view);
- Calculation of all other key parameters such as Levelized Cost of Energy, NPV, EIRR, payback period etc.
- Estimation of emission reduction and corresponding additional revenue from Certified Emission Reduction (CERs);
- Carry out sensitivity analysis on critical parameters e.g. Capex, interest rate, discount rate, etc. at different probabilities;
- Early estimates of the cost required to avoid, minimize and compensate E&S impacts throughout the life of the plants;

A live model with formulae and workings shall be submitted to KenGen for review. The Economic and Financial analysis will be presented to KenGen as part of the draft feasibility study and a workshop/Training of the same will be conducted.

4.9 Task 9: Capacity Building and Workshops

The study is expected to take **12 months** to complete. The Consultant shall hold two virtual workshops and one physical workshop during the Feasibility study. The first virtual workshop shall be organized for the presentation of the Consultant's technical work carried out during the first two months of project duration. The Consultant shall inform about the first study findings and the technical assessment of the existing power plant.

The physical workshop shall include all Tasks upto and including Task 5. The consultant shall include in this workshop the conceptual design for the power plant and steam field including the well data as reviewed and the recommended upgrade as well as new systems to improve plant efficiencies.

The last workshop shall be held after submission of the Draft Feasibility Report after 11 months of project duration for presentation and discussion of the draft results. The Consultant shall develop three standalone self-sufficient study reports; one report for Olkaria II rehabilitation, Olkaria II redevelopment and the other report for Wellheads power plants redevelopment. The consultant shall also fill Project prefeasibility/feasibility template as guided by the National Treasury for each of the report.

The Consultant should include in his proposal, a virtual training program (3 days) for the clients' staff, on

the contents of the feasibility study, geothermal power plant technologies, design, financial and economic modelling of the project.

Activity	Month after project start	Workshop No.
On completion of Task 3 (Technical Assessment)	2 months	1 (virtual)
On completion of Task 5 (Power plant & Steam field Conceptual design for Olkaria II rehabilitation/ redevelopment Project and Wellheads power plants redevelopment)	5-6 months	2 (physical)
After finalization of the Draft Feasibility Reports for Olkaria II rehabilitation/ redevelopment and draft report for Wellheads power plants redevelopment	11 months	3 virtual- All Tasks. in-person capacity building for 3 days

5.0 Expert Qualifications

The assignment is estimated to require 12 months. Specifically, the Consultant shall provide qualified and experienced staff with first degree or higher from a recognized university and with experience of not less than 15 years in undertaking feasibility studies both for new geothermal power plants and geothermal power plants rehabilitation projects for the Team Leader and at least 10 years of similar experience for the following additional core staff:

Refer to the data sheet for specific qualifications of the experts.

Skill	Number of persons	Minimum years of Experience
Team Leader	1	15
Reservoir Engineer	1	10
Steamfield Engineer	1	10
Geochemist	1	10
Civil Engineer	1	10
Topographical surveyor	1	10
Geothermal power plant Engineer	1	10

Power systems Engineer	1	10
Energy economist/ financial analyst	1	10
Environmentalist and Social Scientist	1	10
Geotechnical engineer	1	10

6.0 Counterpart staff

To facilitate faster information gathering (from within KenGen and other relevant local agencies) and synthesizing, KenGen shall second staff to work with the consultant on a full-time basis during the Project Inception and Implementation. This will also serve as an opportunity for knowledge transfer, which is critical for capacity building.

The consultant shall involve the KenGen team in all the aspects of the undertaking. The staff to be seconded by KenGen or be available to assist the Consultant shall include:

- (i) Reservoir and Steamfield Engineers/scientists
- (ii) Instrumentation and control engineer
- (iii) Power systems Engineer
- (iv) Mechanical Engineer
- (v) Environmental Expert
- (vi) Social Expert
- (vii) Civil & Structural Engineer
- (viii) Economist and financial expert

7.0 Data to Be Provided by The Client

The consultant shall be provided with all the relevant KenGen reports and data required for the study. The following reports will be available to the Consultants. Other relevant reports that the consultants consider relevant will be availed as requested.

- a. Operation and maintenance reports for the power plant
- b. Power plant drawings
- c. Power plant manuals
- d. Mass flows for steam and brine
- e. Layout maps showing location of wells and brine pipelines
- f. Steamfield design documents showing design of separators and brine systems

- g. Updated GIS Maps of the resource area
- h. Steam production status reports for the Olkaria field
- i. Previous feasibility studies
- j. Chemistry of wells

8.0 Reporting Requirements

Based on the tasks, the Consultant is expected to provide the following reports within the timelines indicated for each of:

- a. Olkaria II rehabilitation
 - b. Olkaria II redevelopment
 - c. Wellheads power plants redevelopment
-
- i. Inception Report
 - ii. Report on the update of conceptual power plant and steam field design
 - iii. Interim Report - Half time of the study- covering tasks 1-4
 - iv. Draft Feasibility Study Report complete with all studies, technical design, financial and economic analysis as well as the ESIA report. The consultant shall submit 12 hard copies and a soft copy in a CD of final ESIA report for submission to the National Environment Management Authority (NEMA) for review and licensing.
 - v. Final Feasibility Study Report and Executive Summary (Final Report) and Project prefeasibility/feasibility template as guided by the National Treasury

All drawings are to be provided in an editable format.

The Consultant will prepare an Executive Summary of the findings and recommendations, outlining the project's rationale, providing a description of essential features of the project and embracing a summary of his findings and recommendations. The Executive Summary should be designed as a bankable document as it is intended to be used as a basis for seeking financing from lending institutions or attracting possible sponsors to invest in the project.

Ten (10) copies of the final report (both soft copies and hardcopies) will be submitted two weeks after the receipt of KenGen's comments and the workshop. The Consultant shall also handover, to KenGen, copies of software used for analysis of data including the Financial and the Economic analysis Model and simulation. The software used for data analysis as well as the Final Report shall be handed over in soft copy and/or USB drive.

9.0 Terms of Payment

The Consultant's total remuneration shall not exceed the Contract Price and shall be a fixed lump- sum

including all staff costs, Sub consultants' costs, printing, communications, travel, accommodation, withholding tax, Value Added Tax and disbursements incurred by the Consultant in carrying out the Services.

The Contract Price may only be increased above the amounts stated if the Parties have agreed to additional payments in accordance with the public procurement guidelines.

10.0 Improvement of Terms of Reference (TOR)

Whereas an attempt has been made to provide a comprehensive list, any error or omission resulting should be exempted. The Consultant may offer suggestions and improvements on the Terms of Reference, which they consider would result in enhancements of the results of the study. Such proposals, if accepted, will form part of the Terms of Reference of the proposals submitted by the consultant. The effect on time and cost estimates given under the above clause shall be clearly identified. The consultant shall abide by this requirement. Any amendments made by the consultant on the terms of reference will be included in the document.

SECTION 6. CONDITIONS OF CONTRACT AND CONTRACT FORMS

Preface

1. This Section includes two types of standard contract forms for: A Lump-Sum Contract and a Time-Based Contract. Each type includes General Conditions of Contract (“GCC”) that shall not be modified, and Special Conditions of Contract (“SCC”). The SCC includes clauses specific to each contract to supplement, but not over- write or otherwise contradict, the General Conditions of Contract.
2. Lump-Sum Contract. This type of contract is used mainly for assignments in which the scope and the duration of the Services and the required output of the Consultant are clearly defined. Payments are linked to outputs (deliverables) such as draft or final reports, drawings, bill of quantities, bidding documents, or software programs. Lump-sum contracts are easier to administer because they operate on the principle of a fixed price for a fixed scope, and payments are due on clearly specified out puts and milestones. Nevertheless, quality control of the Consultant's outputs by the Procuring Entity s paramount.
3. 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 Entity to closely supervise the Consultant and to be involved in the daily execution of the assignment.
4. The templates are designed for use in assignments with consulting firms and shall not be used for contracting of individual experts. In some consultancy assignments such as design and construction supervision, both Lump- Sum and Time-Based Contracts are used and signed with the Consultant. In that case, the Lump-Sum Contract would apply for the design part of the Services while the construction supervision part would be based on a Time- Based Contract. In such event, both types of contracts shall be signed at the same time.

CONTRACT FOR CONSULTANT'S SERVICES

Lump-Sum Contract Consulting

Services for:

Contract No.: _____

Contract Description: _____

Between

_____ *[Name of the Procuring Entity]*

And

_____ *[Name of the Consultant]*

Date: _____ [Insert Date]

I. FORM OF CONTRACT - LUMP-SUM

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

This CONTRACT (herein after called the “Contract”) is made the *[number]* day of the month of *[month]*, *[year]*, between, on the one hand, *[name of Procuring Entity]* (herein after called the “Procuring Entity”) and, on the other hand, *[name of Consultant]* (herein after called the “Consultant”).

[If the Consultant consists of more than one entity, the above should be partially amended to read as follows: “... (hereinafter called the “Procuring Entity”) 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 Entity for all the Consultant's obligations under this Contract, namely, [name of member]and [name of member] (herein after called the “Consultant”).]

WHEREAS

- a) The Procuring Entity has requested the Consultant to provide certain consulting services as defined in this Contract (herein after called the “Services”);
- b) the Consultant, having represented to the Procuring Entity 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 Entity has set aside a budget and funds toward the cost of the Services and intends to apply a portion of these funds towards payments under this Contract;

NOW THEREFORE the parties hereto hereby agree as follows:

1. The following documents attached here to 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: Breakdown of Contract Price
 - Appendix D: 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; Appendix A; Appendix B; Appendix C; Appendix D. 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 Entity and the Consultant shall be asset for thin the Contract, in particular:
 - a) The Consultant shall carryout the Services in accordance with the provisions of the Contract; and
 - b) The Procuring Entity shall make payments to the Consultant in accordance with the provisions of the Contract.

IN WITNESS WHERE OF, the Parties here to 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 Entity] [Authorized Representative of the Procuring Entity–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]*

[Note: 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]

SECTION 7: GENERAL CONDITIONS OF 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 Kenya.
- b) “Consultant” means a legally established professional consulting firm or entity selected by the Procuring Entity to provide the Services under the signed Contract.
- c) “Contract” means the legally binding written agreement signed between the Procuring Entity and the Consultant and which includes all the attached documents listed in its paragraph 1 of the Form of Contract (the General Conditions (GCC), the Special Conditions (SCC), and the Appendices).
- d) “Procuring Entity” means the Procuring Entity that signs the Contract for the Services with the selected Consultant.
- e) “Day” means a working day unless indicated otherwise.
- f) “Effective Date” means the date on which this Contract comes into force and effect pursuant to Clause GCC 11.
- g) “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.
- h) “Foreign Currency” means any currency other than the currency of Kenya.
- i) “GCC” mean these General Conditions of Contract.
- j) “Government” means the government of Kenya.
- k) “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 Entity for the performance of the Contract.
- l) “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.
- m) “Local Currency” means the Kenya Shillings, the currency of Kenya.
- n) “Non-Key Expert(s)” means an individual professional provided by the Consultant or its Sub-consultant to perform the Services or any part here of under the Contract.
- o) “Party” means the Procuring Entity or the Consultant, as the case may be, and “Parties” means both of them.
- p) “SCC” means the Special Conditions of Contract by which the GCC may be amended or supplemented but not over-written.
- q) “Services” means the work to be performed by the Consultant pursuant to this Contract, as

described in Appendix A hereto.

- r) “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.
- (t) “Third Party “means any person or entity other than the Government, the Procuring Entity, the Consultant or a Sub-consultant.

2. Relationship between the Parties

10.1 Nothing contained herein shall be construed as establishing a relationship of master and servant or of principal and agent as between the Procuring Entity 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

10.2 This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Laws of Kenya.

4. Language

4.1 This Contract has been executed in the English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.

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 English Language. 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 here under 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 Kenya or elsewhere, as the Procuring Entity may approve.

8 Authority of Member in Charge

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

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 Entity or the Consultant may be taken or executed by the officials

specified in the SCC.

10 Corrupt and Fraudulent Practices

10.1 The government requires compliance with its policy regarding corrupt and fraudulent/prohibited practices as set forth in its laws and policies.

10.2 Commissions and Fees-The Procuring Entity requires the Consultant to disclose any commissions, gratuities or fees that may have been paid or are to be paid to a gents or any other party with respect to the selection process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee. Failure to disclose such commissions, gratuities or fees may result in termination of the Contract by the Procuring Entity and/or sanctions by the PPRA.

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 Entity'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 there to.

13 Commencement of Services

13.1 The Consultant shall confirm availability of Key Experts and begins 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 GCC19hereof, 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.

17 Force Majeure

a. Definition

17.1 For the purposes of this Contract, “Force Majeure” means 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 in so far 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.

- a) 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.
- b) 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 Entity, shall either:
- c) demobilize, in which case the Consultant shall be reimbursed for additional costs they reasonably and necessarily incurred, and, if required by the Procuring Entity, in reactivating the Services; or
- d) 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.

17.7 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 44 & 45.

18 Suspension

18.1 The Procuring Entity may, by written notice of suspension to the Consultant, suspend all payments to

the Consultant here under 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 Entity

19.1.1 The Procuring Entity 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 Entity 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 here under, 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 in to 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 45.1;
- 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 Entity, 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 GCC13.

19.1.2 Furthermore, if the Procuring Entity determines that the Consultant has engaged in corrupt, fraudulent, collusive, coercive [or obstructive] practices, in competing for or in executing the Contract, then the Procuring Entity may, after giving fourteen (14) calendar days written notice to the Consultant, terminate the Consultant's employment under the Contract.

b. By the Consultant

- a) The Consultant may terminate this Contract, by not less than thirty (30) calendar days' written notice to the Procuring Entity, in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause.
- b) If the Procuring Entity fails to pay any money due to the Consultant pursuant to this Contract and not subject to dispute pursuant to Clause GCC45.1 within forty-five (45) calendar days after receiving written notice from the Consultant that such payment is overdue.
- c) 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.

- d) If the Procuring Entity fails to comply with any final decision reached as a result of arbitration pursuant to Clause GCC45.1.
- e) If the Procuring Entity 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 Entity 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 GCC14, all rights and obligations of the Parties here under 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 GCC22, (iii) the Consultant's obligation to permit in section, copying and auditing of their accounts and records set forth in Clause GCC25, 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 Entity, the Consultant shall proceed as provided, respectively, by Clauses GCC27or GCC28.

e. Payment up on Termination

19.1.6 Up on termination of this Contract, the Procuring Entity shall make the following payments to the Consultant:

- a) Payment or Services satisfactorily performed prior to the effective date of termination; and
- 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

16. 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 Entity, and shall at all times support and safeguard the Procuring Entity'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 Entity. Notwithstanding such approval, the Consultant shall retain full responsibility for the Services.

b. Law Applicable to Services

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

20.5 Throughout the execution of the Contract, the Consultants shall comply with the import of goods and services prohibitions in Kenya when

- a As a matter of law or official regulations, Kenya prohibits commercial relations with that country; or
- b by an act of compliance with a decision of the United Nations Security Council taken under Chapter VI of the Charter of the United Nations, Kenya prohibits any import of goods from that country or any payments to any country, person, or entity in that country.

20.6. The Procuring Entity shall notify the Consultant in writing of relevant local customs, and the Consultant shall, after such notification, respect such customs.

21 Conflict of Interests

21.1 The Consultant shall hold the Procuring Entity's interest 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 38 through 42) 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 here under, 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 Entity on the procurement of goods, works or services, the Consultant shall at all times exercise such responsibility in the best interest of the Procuring Entity. Any discounts or commissions obtained by the Consultant in the exercise of such procurement responsibility shall be for the account of the Procuring Entity.

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.

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 Entity, 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 Entity, 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 because of, the Services.

23 Liability of the Consultant

23.1 Subject to additional provisions, if any, set for 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 Entity, insurance against the risks, and for the coverage specified in the SCC, and (ii) at the Procuring Entity's request, shall provide evidence to the Procuring Entity 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 GCC13.

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 and in such form and detail as will clearly identify relevant time changes and costs.

25.2 The Consultant shall permit and shall cause its Sub-consultants to permit, the PPRA and/ or persons appointed by the PPRA to inspect the Site and /or all accounts and records relating to the performance of the Contract and the submission of the Proposal to provide the Services, and to have such accounts and records audited by auditors appointed by the PPRA if requested by the PPRA. The Consultant's attention is drawn to Clause GCC10 which provides, interlaid, that acts intended to materially impede the exercise of the PPRA's inspection and audit rights provided for under this ClauseGCC25.2 constitute a prohibited practice subject to contract termination (as well as to a determination of in eligibility under the PPRA's prevailing sanctions procedures.)

26 Reporting Obligations

26.1 The Consultant shall submit to the Procuring Entity 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 Entity 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 Entity in the course of the Services shall be confidential and become and remain the absolute property of the Procuring Entity. The Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the Procuring Entity, 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 Entity.

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

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

D. Consultant's Experts and Sub-consultants

29 Description of Key Experts

29.1 The title, agreed job description, minimum qualification and estimated period of engagement to carry out the Services of each of the Consultant's Key Experts are described in Appendix B.

30 Replacement of Key Experts

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

30.2 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 forth with provide as a replacement, a person of equivalent or better qualifications and experience, and at the same rate of remuneration.

31 Removal of Experts or Sub-consultants

- 31.1 If the Procuring Entity 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 Entity determine that Consultant's Expert of Sub consultant have engaged in corrupt, fraudulent, collusive, coercive [or obstructive] practice while performing the Services, the Consultant shall, at the Procuring Entity's written request, provide a replacement.
- 31.2 In the event that any of Key Experts, Non-Key Experts or Sub-consultants is found by the Procuring Entity to be incompetent or incapable in discharging assigned duties, the Procuring Entity, specifying the grounds therefore, may request the Consultant to provide a replacement.
- 31.3 Any replacement of the removed Experts or Sub consultants shall possess better qualifications and experience and shall be acceptable to the Procuring Entity.
- 31.4 The Consultant shall bear all costs arising out of or incidental to any removal and/or replacement of such Experts.

E. Obligations of the Procuring Entity

32 Assistance and Exemptions

- 32.1 Unless otherwise specified in the SCC, the Procuring Entity 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 Kenya 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 Expert 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 Kenya according to the applicable law in Kenya
 - f Assist the Consultant, any Sub-consultants and the Experts of either of them with obtaining the privilege, pursuant to the applicable law in Kenya, of bringing in to Kenya 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.

33 Access to Project Site

33.1 The Procuring Entity 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 Entity 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.

34 Change in the Applicable Law Related to Taxes and Duties

34.1 If, after the date of this Contract, there is any change in the applicable law in Kenya 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 Contract price amount specified in Clause GCC 39.1

35 Services, Facilities and Property of the Procuring Entity

35.1 The Procuring Entity 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.

36 Counterpart Personnel

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

36.2 Professional and support counterpart personnel, excluding Procuring Entity'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 as signed 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 Entity shall not unreasonably refuse to act upon such request.

37 Payment Obligation

37.1 In consideration of the Services performed by the Consultant under this Contract, the Procuring Entity shall make such payments to the Consultant for the deliverables specified in Appendix A and in such manner as is provided by GCCF below.

F. Payments to the Consultant

38 Contract Price

38.1 The Contract price is fixed and is set forth in the SCC. The Contract price breakdown is provided in Appendix C.

38.2 Any change to the Contract price specified in Clause 38.1 can be made only if the Parties have agreed to the revised scope of Services pursuant to Clause GCC 16 and have amended in writing the Terms of

Reference in Appendix A.

39 Taxes and Duties

39.1 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. Currency of Payment

39.2 Any payment under this Contract shall be made in the currency (ies) of the Contract.

40 Mode of Billing and Payment

40.1 The total payments under this Contract shall not exceed the Contract price set forth in Clause GCC 38.1.

40.2 The payments under this Contract shall be made in lump-sum installments against deliverables specified in Appendix A. The payments will be made according to the payment schedule stated in the SCC.

40.2.1 Advance payment: Unless otherwise indicated in the SCC, an advance payment shall be made against an advance payment bank guarantee acceptable to the Procuring Entity 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 D, or in such other form as the Procuring Entity shall have approved in writing. The advance payments will be set off by the Procuring Entity in equal portions against the lump-sum installments specified in the SCC until said advance payments have been fully set off.

40.2.2 The Lump-Sum Installment Payments. The Procuring Entity shall pay the Consultant within sixty (60) days after the receipt by the Procuring Entity of the deliverable(s) and the cover invoice for the related lump-sum installment payment. The payment can be withheld if the Procuring Entity does not approve the submitted deliverable(s) as satisfactory in which case the Procuring Entity shall provide comments to the Consultant within the same sixty (60) days period. The Consultant shall thereupon promptly make any necessary corrections, and there after the fore going process shall be repeated.

40.2.3 The Final Payment: The final payment under this Clause shall be made only after the final report has been submitted by the Consultant and approved as satisfactory by the Procuring Entity. The Services shall then be deemed completed and finally accepted by the Procuring Entity. The last lump-sum installment shall be deemed approved for payment by the Procuring Entity within ninety (90) calendar days after receipt of the final report by the Procuring Entity unless the Procuring Entity, within such ninety (90) calendar day period, gives written notice to the Consultant specifying in detail deficiencies in the Services, the final report. The Consultant shall thereupon promptly make any necessary corrections, and there after the fore going process shall be repeated.

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

40.2.5 With the exception of the final payment under 40.2.3 above, payments do not constitute acceptance of the whole Services nor relieve the Consultant of any obligations here under.

41 Interest on Delayed Payments

41.1 If the Procuring Entity had delayed payments beyond thirty (30) days after the due date stated in Clause GCC 41.2.2, 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

42 Good Faith

42.1 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

43 Amicable Settlement

43.1.2 The Parties shall seek to resolve any dispute amicably by mutual consultation.

43.1.3 If either Party objects to any action or inaction of the other Party, the objecting Party may file a written Notice of Dispute to the other Party providing in detail the basis of the dispute. The Party receiving the Notice of Dispute will consider it and respond in writing within fourteen (14) days after receipt. If that Party fails to respond within fourteen (14) days, or the dispute cannot be amicably settled within fourteen (14) days following the response of that Party, Clause GCC 45.1 shall apply.

44 Dispute Resolution

44.1.2 Any dispute between the Parties arising under or related to this Contract that cannot be settled amicably may be referred to by either Party to the adjudication/arbitration in accordance with the provisions specified in the SCC.

SECTION 8: SPECIAL CONDITIONS OF CONTRACT

GC reference	Special Conditions of Contract (SC)
1.1 (a)	The Contract shall be interpreted in accordance with the laws of Kenya
1.1 (b)	<p>The following documents shall form the Contract and shall be interpreted in the following order of priority:</p> <ul style="list-style-type: none"> (a) The Contract Agreement; (b) The Client’s Notification of Award and Letter of Acceptance; (c) Special Conditions of Contract and Appendices; (d) General Conditions of Contract; (e) Client’s Request for Proposal; and (f) Consultant’s Proposal.
1.1 (c)	The Contract Price is _____
1.1 (s)	The Client is Kenya Electricity Generating Company PLC of Stima Plaza, Kolobot Road, Parklands, and P.O. BOX 47936 -00100 GPO, Nairobi.
1.1 (t)	“Day” means calendar day and “year” means 365 days.
1.4	The Contract shall be written in English language. All correspondence and other documents pertaining to the Contract which are exchanged by the Parties shall be written in the English
1.6.1	<p>The Client’s address for purposes of notice is: The Company Secretary and General Manager -Legal services Kenya Electricity Generating Company PLC, Stima Plaza, Kolobot Road, Parklands, P.O. BOX 47936 - 00100 GPO, Nairobi.</p> <p>The Consultant’s address for purposes of notice is: Attention: _____ Email: _____</p> <p>Notices will be deemed to be effective as follows: (a) in the case of personal delivery, on delivery; in the case of registered mail, seven (7) business days following dispatch; (b) in the case of facsimiles, one (1) business day following</p>
1.6.2	A notice shall be effective when delivered or on the notices effective date, Whichever is later.

1.8	The Member in Charge for purposes of this Contract shall be: Eng. Simon Kirui Assistant Manager, Capital Planning & PPP Email: SKirui@kengen.co.ke
1.9	Authorized representatives shall be the respective duly designated representatives of the Client or the Consultant as listed below and as may be communicated in writing from time to time. Consultant Authorized representative is :
1.10	The Consultant shall be responsible for all applicable taxes
2.1	The Effective Date shall be upon Signature of the Contract by the Parties
2.3	The Commencement Date shall be the Effective Date.
2.4	This Contract duration shall be 12 Months from the Effective date.
3.5	The risks and coverage shall be: (i) Employer’s liability and workers’ compensation insurance in respect of the Personnel of the Consultant and of any Sub- Consultant, in accordance with the relevant provisions of the Applicable Law; and (ii) Professional liability insurance – at least 110% of the Contract Price; (iii) Insurance against Loss or damage to (a) the Consultant’s property used in the performance of Services, and (b) Any document prepared by the Consultant in the performance of the Services; (c) Equipment given to the Consultant by the client
6.3	Payment shall be made within Forty-Five (45) days upon receipt of the Consultant’s invoice. Payments shall be made according to the following schedule: Twenty (20) percent of the Contract Price shall be paid on commencement date against the submission of an on-demand advance payment bank guarantee of an equal amount from a reputable bank acceptable to the Client. Ten (20) percent of the lump-sum amount shall be paid upon submission of the interim report covering tasks 1-5 and Task 8 of the TOR Thirty (20) percent of the lump-sum amount shall be paid upon submission of the draft final report acceptable to the Client.

	<p>Forty (40) percent of the lump-sum amount shall be paid upon approval of the final report.</p> <p>The accounts are: for foreign currency: <i>[insert account]</i> for local currency: <i>[insert account]</i></p>
40.2.1	<p>Advance payment shall not be applicable.</p>
8.2	<p>The Parties agree that they will use their best efforts to resolve amicably a disputes arising out of or in connection with this Agreement or in its interpretation, including any disagreement by either party with any action, inaction or opinion. Such attempt at amicable resolution shall commence upon written notification by the disputing Party to the other citing the points of disagreement. Both Parties shall then proceed to commence amicable settlement meetings within 14 days of the notification.</p> <p>In the event that the Parties fail to secure an agreement within 14 days of the amicable settlement attempts, the dispute shall be referred to an Arbitrator. The seat of Arbitration shall be in Nairobi, Kenya and the Arbitrator shall be appointed by mutual consent of the parties hereto. The Arbitrator’s remuneration shall be negotiated and shared on a 50/50 basis between the Parties. The Arbitrator, in negotiating his fee, shall take cognizance of the remuneration guidelines provided by the local Chartered Institute of Arbitrators.</p> <p>If the Parties fail to agree on an Arbitrator, they shall refer the matter to the Chairperson for the time being of the Chartered Institute of Arbitrators, Kenya Chapter who shall appoint an arbitrator on behalf of the Parties. The Arbitration shall be governed in accordance with the provisions of the Arbitration Laws of Kenya or any other succeeding law. The arbitral Award shall be final and binding on the Parties and shall be enforceable in Courts of competent jurisdiction in Kenya.</p> <p>It is further agreed between the Parties that should any arbitration or dispute resolution mechanisms be put in place in accordance with the terms of this Agreement, the parties shall, pending the determination of the dispute, continue with the services not in dispute in accordance with the provisions of this Agreement.</p>

<p>Taxes</p>	<p>a) "Taxes" means all present and future taxes, levies, duties, charges, assessments, deductions or withholdings whatsoever, including any interest thereon, and any penalties and fines with respect thereto, wherever imposed, levied, collected, or withheld pursuant to any regulation having the force of law and "Taxation" shall be construed accordingly.</p> <p>b) Local Taxation</p> <p>i. Nothing in the Contract shall relieve the Contractor and/or his Sub-Contractors from their responsibility to pay any taxes, statutory contributions and levies that may be levied on them in Kenya in respect of the Contract.</p> <p>ii. The Contract Price shall include all applicable taxes and shall not be adjusted for any of these taxes.</p> <p>iii. Tax exemption granted under this Contract shall be for an official aid funded project and shall be as provided under the applicable tax laws in Kenya.</p> <p>iv. The Contractor shall be deemed to be familiar with the tax laws in the Employer's Country and satisfied themselves with the requirements for all taxes, statutory contributions and duties to which they may be subjected during the term of the Contract. This shall include applicable local or foreign withholding tax, excise duty, Value Added Tax (VAT), importation duties, Local government taxes, and any other taxes not mentioned herein.</p> <p>v. In instances where discussions are held between the Employer and the Contractor regarding tax matters, this shall not be deemed to constitute competent advice and hence does not absolve the Contractor of their responsibility in relation to due diligence on the tax issue as per (i).</p> <p>c) Tax Deduction</p> <p>i. If the Employer is required to make a tax deduction by Law, then the deduction shall be made from payments due to the Contractor and paid directly to the Kenya Revenue Authority. The Employer shall upon remitting the tax to Kenya Revenue Authority furnish the Contractor with the relevant tax deduction certificates.</p> <p>ii. Where payments for the Contract Price are made directly by the financiers to the Contractor, the Contractor and the financiers shall make the necessary arrangements with Employer to ensure that withholding income tax is remitted to the Kenya Revenue</p>
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	<p>Authority.</p> <p>d) Tax Indemnity</p> <p>i. The Contractor shall indemnify and hold the Employer harmless from and against any and all tax liabilities, which the Employer may incur for any reason of failure by the Contractor to comply with any tax laws arising from the execution of the Contract whether during the term of the Contract or after its expiry.</p> <p>ii. The Contractor warrants to pay the Employer (within fourteen (14) days of demand by the Employer), an amount equal to the loss, liability or cost which the Employer determines has been (directly or indirectly) suffered by the Employer for or on account of the Contractor's Tax liability arising from the Contract.</p> <p>Where the amount in (ii) above remains unpaid after the end of the fourteen (14) days moratorium, the Employer shall be entitled to compensation for financing charges.</p>
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SECTION 9: APPENDICES

Appendix A – Terms of Reference

[Note: This Appendix shall include the final Terms of Reference (TORs) worked out by the Procuring Entity and the Consultant during the negotiations; dates for completion of various tasks; location of performance for different tasks; detailed reporting requirements and list of deliverables against which the payments to the Consultant will be made; Procuring Entity's input, including counterpart personnel assigned by the Procuring Entity to work on the Consultant's team; specific tasks or actions that require prior approval by the Procuring Entity.

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

Appendix C – Breakdown of Contract Price

{Insert the table with the unit rates to arrive at the breakdown of the lump-sum price. The table shall be based on [Form FIN-3 and 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-3 and FIN-4] at the negotiations or state that none has been made.}

Appendix D - Form of Advance Payment Guarantee

[Note: See Clause GCC 41.2.1 and SCC 41.2.1]

Bank Guarantee for Advance Payment _____ [Bank's Name and Address of Issuing Branch or Office] Beneficiary: _____ [Name and Address of Procuring Entity]

Date: _____

ADVANCEPAYMENTGUARANTEE No.: _____

We have been informed that _____ [name of Consultant or a name of the Joint Venture, same as appears on the signed Contract] (herein after called" the Consultant") has entered into Contract No. _____ [Reference number of the contract] dated _____ with you, for the provision of _____ [brief description of Services] (herein after called" the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment in the sum of _____ [amount in figures] () [amount in words] is to be made against an advance payment guarantee. At the request of the Consultant, we _____ [name of bank] here by irrevocably undertake to pay you any sum or sums not exceeding in total an amount of _____ [amount in figures] () [amount in words]¹ upon receipt by us of your first demand in writing accompanied by a written statement stating that the Consultant are in breach of their obligation under the Contract because the Consultant have used the advance payment for purposes other than toward providing the Services under the Contract.

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 copies of certified monthly statements which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of the monthly payment certificate indicating that the Consultant has made

Full repayment of the amount of the advance payment, or on the day of _____, ² whichever is earlier.

Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

[Signature]

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

PREFACE

This Section includes a Time-Based Contract. It 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, but not over-write or otherwise contradict, the General Conditions of Contract.

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 Entity to closely supervise the Consultant and to be involved in the daily execution of the assignment.

The template is designed for use in assignments with consulting firms and shall not be used for contracting of individual experts. In some consultancy assignments such as design and construction supervision, both Lump-Sum and Time- Based Contracts are used and signed with the Consultant. In that case, the Lump-Sum Contract would apply for the design part of the Services while the construction supervision part would be based on a Time-Based Contract. In such event; both types of contracts shall be signed at the same time.

In case a Time-Based Contract is not used, please delete the contract template for time-based contract before issuance of the RFP to Consultants.

¹The 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 Procuring Entity.

²Insert the expected expiration date. In the event of an extension of the time for completion of the Contract the Procuring Entity would need to request an extension of

This guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the Procuring Entity might consider adding the following text to the form, at the end of the pen ultimate paragraph: "The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Procuring Entity's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee."

CONTRACT FOR CONSULTANT'S SERVICES

II. TIME-BASED CONTRACT

Consulting Services for:

Contract No.: _____

Contract Description: _____

Between

[Name of the Procuring Entity]

And

[Name of the Consultant]

Date:

APPENDIX E: FORM OF ADVANCE PAYMENTS GUARANTEE

[Note: See Clause GCC 41.2 and SCC 41.2]

Bank Guarantee for Advance Payment

_____ [Bank's Name and Address of Issuing Branch or Office]

Beneficiary: _____ [Name and Address of Procuring Entity]

Date: _____

ADVANCE PAYMENT GUARANTEE No. _____

We have been informed that _____ [name of Consultant or a name of the Joint Venture, same as appears on the signed Contract] (herein after called" the Consultant") has entered into Contract No. _____

_____ [Reference number of the contract] dated _____ with you, 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

_____ [Amount in figures] () [amount in words] is to be made against an advance payment guarantee.

At the request of the Consultant, we _____ [name of bank] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of _____ [amount in figures] () [amount in words]¹ upon receipt by us of your first demand in writing accompanied by a written statement stating that the Consultant are in breach of their obligation under the Contract because the Consultant have used the advance payment for purposes other than toward providing the Services under the Contract.

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 copies of certified monthly statements which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of the monthly payment certificate indicating that the Consultant has made

Full repayment of the amount of the advance payment, or on the day of _____, 2____, ² 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, 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.

¹The 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 Procuring Entity.

²Insert the expected expiration dates. In the event of an extension of the time for completion of the Contract, the Procuring Entity would need to request an extension of this guarantee from the Guarantor. Such request must be in writing and must be made prior to the expiration date established in the guarantee. In preparing this guarantee, the procuring Entity might consider adding the following text to the form, at the end of the penultimate paragraph: “The Guarantor agrees to a one-time extension of this guarantee for a period not to exceed [six months] [one year], in response to the Procuring Entity's written request for such extension, such request to be presented to the Guarantor before the expiry of the guarantee.”

SECTION 10. NOTIFICATION FORMS

1. NOTIFICATION OF INTENTION TO AWARD

Procuring Entity: _____ *[insert the name of the Entity]*

Contract title: _____ *[insert the name of the*

contract] RFP No: _____ *[insert RF Preference number]*

This Notification of Intention to Award (Notification) notifies you of our decision to award the above contract. The transmission of this Notification begins the Standstill Period. During the Standstill Period you may:

- a) Request a debriefing in relation to the evaluation of your Proposal, and/or
- b) Submit a Procurement-related Complaint in relation to the decision to award the contract.

The successful Consultant

Name:	<i>[insert name of successful Consultant]</i>
Address:	<i>[insert address of the successful Consultant]</i>
Contract price:	<i>[insert contract price of the successful Consultant]</i>

i) Short listed Consultants

[INSTRUCTIONS: insert names of all short-listed Consultants and indicate which Consultants submitted Proposals. Where the selection method requires it, state the price offered by each Consultant as readout, and as evaluated. Include overall technical scores and scores assigned for each criterion and sub-criterion.]

	Submitted Proposal	Overall technical score	Financial Proposal Price	Evaluated Financial Proposal Price (If applicable)	Combined Score and ranking (if applicable)
[insert name]	[yes/no]	Criterion (i): [insert score] Criterion (ii): [insert score] Criterion (iii): [insert score] <u>Sub-criterion a:</u> 1: [insert score] 2: [insert score] 3: [insert score] <u>Sub-criterion b:</u> 1: [insert score] 2: [insert score] 3: [insert score] <u>Sub-criterion c:</u>etc. Criterion (iv): [insert score] Criterion (v): [insert score] Total score: [insert score]	[Proposal price]	[evaluated price]	<u>Combined Score:</u> [combined score] <u>Ranking:</u> [ranking]
[insert name]	[yes/no]	Criterion (i): [insert score] Criterion (ii): [insert score] Criterion (iii): [insert score] <u>Sub-criterion a:</u> 1: [insert score] 2: [insert score] 3: [insert score] <u>Sub-criterion b:</u> 1: [insert score] 2: [insert score] 3: [insert score] <u>Sub-criterion c:</u>etc. Criterion (iv): [insert score]	[Proposal price]	[evaluated price]	<u>Combined Score:</u> [combined score] <u>Ranking:</u> [ranking]

		Criterion (v): [<i>insert score</i>] Total score: [<i>insert score</i>]			
[<i>insert name</i>]	[<i>yes/no</i>]	Criterion (i): [<i>insert score</i>] Criterion (ii): [<i>insert score</i>] Criterion (iii): [<i>insert score</i>] <u>Sub-criterion a:</u> 1: [<i>insert score</i>] 2: [<i>insert score</i>] 3: [<i>insert score</i>] <u>Sub-criterion b:</u> 1: [<i>insert score</i>] 2: [<i>insert score</i>] 3: [<i>insert score</i>] <u>Sub-criterion c:</u>etc. Criterion (iv): [<i>insert score</i>] Criterion (v): [<i>insert score</i>] Total score: [<i>insert score</i>]	[<i>Proposal price</i>]	[<i>evaluated price</i>]	<u>Combined Score:</u> [<i>combined score</i>] <u>Ranking:</u> [<i>ranking</i>]
[<i>insert name</i>]

(ii) Reason/s why your Proposal was unsuccessful [*Delete if the combined score already reveals the reason*].

[*INSTRUCTIONS; State the reason/s why this Consultant's Proposal was unsuccessful. Do NOT include: (a) a point by point comparison with another Consultant's Proposal or (b) information that is marked confidential by the Consultant in its Proposal.*]

iii) How to request a debriefing [*This applies only if your proposal was unsuccessful as stated under point (3) above*].

DEADLINE: The deadline to request a debriefing expires at midnight on [*insert date*] (local time).
You may request a debriefing in relation to the results of the evaluation of your Proposal. If you decide to request a debriefing your written request must be made within five (5) Business Days of receipt of this Notification of Intention to Award.

Provide the contract name, reference number, name of the Consultant, contact details; and address the request for debriefing as follows:

Attention: [*insert full name of person, if applicable*]

Title/position: [*insert title/position*]

Agency: [*insert name of Procuring Entity*]

Email address: [*insert email address*]

Fax number: [*insert fax number*] *delete if not used*

If your request for a debriefing is received within the 5 Business Days deadline, we will provide the debriefing within five (5) Business Days of receipt of your request. If we are unable to provide the debriefing within this period, the Standstill Period shall be extended by five (5) Business Days after the date that the debriefing is provided. If this happens, we will notify you and confirm the date that the extended Standstill Period will end.

The debriefing may be in writing, by phone, video conference call or in person. We shall promptly advise you in writing how the debriefing will take place and confirm the date and time.

If the deadline to request a debriefing has expired, you may still request a debriefing. In this case, we will provide the debriefing as soon as practicable, and normally no later than fourteen (14) Business Days from the date of publication of the Contract Award Notice.

(iv) How to Make a Complaint

DEADLINE: The deadline for submitting a Procurement-related Complaint challenging the decision to award the contract expires on midnight, [*insert date*] (local time).

Provide the contract name, reference number, name of the Consultant, contact details; and address the Procurement-related Complaint as follows:

Attention: [*insert full name of person, if applicable*]

Title/position: [*insert title/position*]

Agency: [*insert name of Procuring Entity*]

Email address: [*insert email address*]

Fax number: [*insert fax number*] *delete if not used*

[At this point in the procurement process] [Upon receipt of this notification] you may submit a Procurement-related Complaint challenging the decision to award the contract. You do not need to have requested, or received, a debriefing before making this complaint. Your complaint must be submitted within the Standstill Period and received by us before the Standstill Period ends.

In summary, there are four essential requirements:

You must be an ‘interested party’. In this case, that means a Consultant who has submitted a Proposal in this selection process and is the recipient of a Notification of Intention to Award.

The complaint can only challenge the decision to award the contract.

You must submit the complaint within the deadline stated above.

You must include, in your complaint, all of the information required by the Procuring Entity.

(v) Standstill Period

DEADLINE: The Standstill Period is due to end at midnight on *[insert date]* (local time).

The Standstill Period lasts ---- (specify the number of business days as per Data Sheet 30.1) Business Days as specified in the Data Sheet after the date of transmission of this Notification of Intention to Award.

The Standstill Period may be extended. This may happen where we are unable to provide a debriefing within the five (5) Business Day deadline. If this happens, we will notify you of the extension.

If you have any questions regarding this Notification, please do not hesitate to contact us.

On behalf of _____ *[insert the name of the Procuring Entity]:*

Signature: _____

Name: _____

Title/position: _____

Telephone: _____

Email: _____

2 REQUEST FOR REVIEW

FORM FOR REVIEW (r.203 (1))

PUBLIC PROCUREMENT ADMINISTRATIVE REVIEW BOARD

APPLICATION NO.....OF.....20.....

BETWEEN

.....**APPLICANT**

AND

.....**RESPONDENT (Procuring Entity)**

Request for review of the decision of the..... (Name of the Procuring Entity ofdated the...day of20.....in the matter of Tender No.....of20..... for (Tender description).

REQUEST FOR REVIEW

I/We.....,the above named Applicant(s), of address: Physical address..... P. O. Box No..... Tel. No.....Email, hereby request the Public Procurement Administrative Review Board to review the whole/part of the above mentioned decision on the following grounds , namely:

- 1.
- 2.

By this memorandum, the Applicant requests the Board for an order/orders that:

- 1.
- 2.

SIGNED (Applicant) Dated on.....day of/...20.....

FOR OFFICIAL USE ONLY Lodged with the Secretary Public Procurement Administrative Review Board on.....day of20.....

SIGNED

Board Secretary

3 LETTER OF AWARD

[Use letterhead paper of the Procuring Entity] [Date]_____ To: _____ [name and address of the winning Consultant] Subject: Notification of Award Contract No.....

This is to notify you that your Proposal dated_____ *[insert date]* for consulting services for *[name of the assignment]* as negotiated with you on _____ for the contract amount of _____ *[Insert amount in numbers and words and name of currency]* is here by accepted by our agency.

You are requested to:(i) sign and return the draft negotiated Contract attached here with within eight (8) Business Days from the date of receipt of this notification; and (ii) furnish the additional information on beneficial ownership in accordance with the Data Sheet of ITC 32.1 within eight (8) days using the Beneficial Ownership Disclosure Form, included in Section 7 of the Request of Proposals.

Authorized Signature:_____

Name and Title of Signatory:_____

Name of Agency:_____

Attachment: Draft Negotiated Contract

4 BENEFICIAL OWNERSHIP DISCLOSURE FORM

(Amended and issued pursuant to PPRA CIRCULAR No. 02/2022)

INSTRUCTIONS TO TENDERERS: DELETE THIS BOX ONCE YOU HAVE COMPLETED THE FORM

This Beneficial Ownership Disclosure Form ("Form") is to be completed by the successful tenderer pursuant to Regulation 13 (2A) and 13 (6) of the Companies (Beneficial Ownership Information) Regulations, 2020. In case of joint venture, the tenderer must submit a separate Form for each member. The beneficial ownership information to be submitted in this Form shall be current as of the date of its submission.

For the purposes of this Form, a Beneficial Owner of a Tenderer is any natural person who ultimately owns or controls the legal person (tenderer) or arrangements or a natural person on whose behalf a transaction is conducted, and includes those persons who exercise ultimate effective control over a legal person (Tenderer) or arrangement.

Tender Reference No.: _____

[insert identification no] Name of the Tender Title/Description: _____ [insert name of the assignment] to:
_____ [insert complete name of Procuring Entity]

In response to the requirement in your notification of award dated _____ [insert date of notification of award] to furnish additional information on beneficial ownership: _____ [select one option as applicable and delete the options that are not applicable]

I) We here by provide the following beneficial ownership information.

Details of beneficial ownership

Details of all Beneficial Owners		% of shares a person holds in the company Directly or indirectly	% of voting rights a person holds in the company	Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer (Yes / No)	Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)
1.	Full Name	Directly-- ----- % of shares	Directly.....% of voting rights	1. Having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer: Yes - ----No---- 2. Is this right held directly or indirectly?: Direct..... Indirect.....	1. Exer cises significant influence or control over the Company body of the Company (tenderer) Yes ----- No----- 2. Is this influence or control exercised directly or indirectly? Direct.....
	National identity card number or Passport number		Indirectly---- -----% of voting rights		
	Personal Identification Number (where applicable)	Indirectly- ----- % of shares			
	Nationality				
	Date of birth [dd/mm/yyyy]				
	Postal address				
	Residential address				
	Telephone number				
	Email address				
	Occupation or profession				

Details of all Beneficial Owners		% of shares a person holds in the company Directly or indirectly	% of voting rights a person holds in the company	Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer (Yes / No)	Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)
					Indirect...
2.	Full Name	Directly-- ----- % of shares	Directly.....% of voting rights	1. Having the right to appoint a majority of the board of the directors or an equivalent governing body of the Tenderer: Yes - ----No---- 2. Is this right held directly or indirectly?: Direct.....	1. Exer cises significant influence or control over the Company body of the Company (tenderer) Yes ----- No----- 2. Is this influence or control exercised
	National identity card number or Passport number		Indirectly---- -----% of voting rights		
	Personal Identification Number (where applicable)	Indirectly- ----- % of shares			
	Nationality(ies)				
	Date of birth [dd/mm/yyyy]				
	Postal address				
	Residential address				
	Telephone number				

Details of all Beneficial Owners		% of shares a person holds in the company Directly or indirectly	% of voting rights a person holds in the company	Whether a person directly or indirectly holds a right to appoint or remove a member of the board of directors of the company or an equivalent governing body of the Tenderer (Yes / No)	Whether a person directly or indirectly exercises significant influence or control over the Company (tenderer) (Yes / No)
Email address Occupation or profession				Indirect.....	directly or indirectly? Direct..... Indirect...
3.					
e.t					
.c					

II) Am fully aware that beneficial ownership information above shall be reported to the Public Procurement Regulatory Authority together with other details in relation to contract awards and shall be maintained in the Government Portal, published and made publicly available pursuant to Regulation 13(5) of the Companies (Beneficial Ownership Information) Regulations, 2020.(Notwithstanding this paragraph Personally Identifiable Information in line with the Data Protection Act shall not be published or made public). *Note that Personally Identifiable Information (PII) is defined as any information that can be used to distinguish one person from another and can be used to deanonymize previously anonymous data. This information includes National identity card number or Passport number, Personal Identification Number, Date of birth, Residential address, email address and Telephone number.*

III) In determining who meets the threshold of who a beneficial owner is, the Tenderer must consider a natural person who in relation to the company:

- (a) holds at least ten percent of the issued shares in the company either directly or indirectly;
- (b) exercises at least ten percent of the voting rights in the company either directly or indirectly;
- (c) holds a right, directly or indirectly, to appoint or remove a director of the company; or
- (d) exercises significant influence or control, directly or indirectly, over the company.

IV) What is stated to herein above is true to the best of my knowledge, information and belief.

Name of the Tenderer:[insert complete name of the Tenderer]_____*

*Name of the person duly authorized to sign the Tender on behalf of the Tenderer: ** [insert complete name of person duly authorized to sign the Tender]*

Designation of the person signing the Tender: [insert complete title of the person signing the Tender]

Signature of the person named above: [insert signature of person whose name and capacity are shown above]

Date this [insert date of signing] day of..... [Insert month], [insert year]

Bidder Official Stamp