

REQUEST FOR PROPOSALS

RFP No.: NEC/DFS/DSNGL/220kV-TL/079/80-01

Selection of Consulting Services for:

Consulting Services for LiDAR Survey of Detail Feasibility Study of Dukuchaap-Sirutar-Nala Gumba-Lapsipedi 220kV Transmission Line Project

Project: LiDAR Survey of Detail Feasibility Study of Dukuchaap-Sirutar-Nala Gumba-Lapsipedi 220kV Transmission Line Project

Office Name: **NEA ENGINEERING COMPANY LIMITED**
Office Address: **2nd FLOOR- TRADE TOWER, THAPATHALI, KATHMANDU**



Financing Agency: Internal Resource

Issued on: **5th April, 2023**



TABLE OF CONTENTS

- Section 1 – Letter of Invitation
- Section 2 – Instructions to Consultants and Data Sheet
- Section 3 – Technical Proposal – Standard Forms
- Section 4 – Financial Proposal – Standard Forms
- Section 5 – Eligible Countries
- Section 6 – Corrupt and Fraudulent Practices
- Section 7–Terms of Reference
- Section 8– Conditions of Contract and Contract Forms



TABLE OF CLAUSES

PART I

Section 1. Letter of Invitation

Section 2. Instructions to Consultants and Data Sheet

A. General Provisions

1. Definitions
2. Introduction
3. Conflict of Interest
4. Unfair Competitive Advantage
5. Corrupt and Fraudulent Practices
6. Eligibility

B. Preparation of Proposals

7. General Considerations
8. Cost of Preparation of Proposal
9. Language
10. Documents Comprising the Proposal
11. Only One Proposal
12. Proposal Validity
13. Clarification and Amendment of RFP
14. Preparation of Proposals – Specific Considerations
15. Technical Proposal Format and Content
16. Financial Proposal

C. Submission, Opening and Evaluation

17. Submission, Sealing, and Marking of Proposals
18. Confidentiality
19. Opening of Technical Proposals
20. Proposals Evaluation
21. Evaluation of Technical Proposals
22. Financial Proposals for QBS
23. Public Opening of Financial Proposals (for QCBS, FBS, and LCS methods)
24. Correction of Errors
25. Taxes
26. Conversion to Single Currency



- 27. Combined Quality and Cost Evaluation
- 28. Negotiations
- 29. Conclusion of Negotiations
- 30. Award of Contract

D. Negotiations and Award

E. Data Sheet

Section 3. Technical Proposal – Standard Forms

- Form TECH-1
- Form TECH-2
- Form TECH-3
- Form TECH-4
- Form TECH 5
- Form TECH-6
- Form TECH-7

Section 4. Financial Proposal - Standard Forms

Section 5. Eligible Countries

Section 6. Corrupt and Fraudulent Practices

Section 7. Terms of Reference

PART II

Section 8. Conditions of Contract and Contract Forms

- Preface
- I. Form of Contract
- II. General Conditions of Contract
- III. Special Conditions of Contract
- IV. Appendices



PART I

SECTION 1. LETTER OF INVITATION

RFP No.: **NEC/DFS/DSNGL/220kV-TL/079/80-01**

5th April, 2023

Dear Mr./Ms.:

1. NEA Engineering Company Limited has allocated fund toward the cost of **Consulting Services for LIDAR Survey of Detail Feasibility Study of Dukuchaap-Sirutar-Nala Gumba-Lapsiphedi 220kV Transmission Line Project** and intends to apply a portion of this fund to eligible payments under this Contract for which this Request for Proposals is issued.
2. The Client now invites proposals to provide the following consulting services (hereinafter called "Services") more details on the Services are provided in the Terms of Reference (Section 7).
3. It is not permissible to transfer this invitation to any other firm, such as Consultant's parent companies, subsidiaries and affiliates. The Client will reject a Proposal if the Consultant drops a JV partner without the Client's prior consent, which is given only in exceptional circumstances, such as blacklisting of the JV partner or occurrence of Force Majeure.
4. A firm will be selected under Quality and Cost Basis(QCBS) Selection and procedures described in this RFP.

5. The RFP includes the following documents:

Section 1 - Letter of Invitation
Section 2 - Instructions to Consultants and Data Sheet
Section 3 - Technical Proposal - Standard Forms
Section 4 - Financial Proposal - Standard Forms
Section 5 – Eligible Countries
Section 6 – GoN/DP's Policy – Corrupt and Fraudulent Practices
Section 7 - Terms of Reference
Section 8 - Standard Forms of Contract

6. Please inform us by:

Facsimile **01-5111024**

Email: **chirantan.rana@neaec.com.np**

- (a) that you received the letter of invitation; and



- (b) whether you will submit a proposal alone or in association with other firm(s) (if permissible under Section 2, Instructions to Consultants (ITC), Data Sheet 14.1.1).

7. Details on the proposal's submission date, time and address are provided in Clauses 17.8 of the ITC.

Yours sincerely,



Authorized Signature

Chirantan Bikram Rana

Team leader

Email: chirantan.rana@neaec.com.np



Section 2. Instructions to Consultants and Data Sheet

A. General Provisions

1. Definitions	<p>(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.</p> <p>(b). "Applicable Guidelines" means the policies of the Development Partner (DP) governing the selection and contract award process, in case of DP funded project. "Applicable Law" means the laws and any other instruments having the force of law in Nepal as they may be issued and in force from time to time.</p> <p>(c). "Borrower [or Recipient or Beneficiary]" means the Government, Government agency or other entity that signs the financing [or loan/credit/grant/project] agreement with the Development Partner.</p> <p>(d). "Client" means the [procuring entity/implementing/ executing agency] that signs the Contract for the Services with the selected Consultant.</p> <p>(e). "Consultant" means a legally-established professional consulting firm or an entity that may provide or provides the Services to the Client under the Contract.</p> <p>(f). "Contract" means a legally binding written agreement signed between the Client 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).</p> <p>(g). "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.</p> <p>(h). "Day" means a calendar day.</p> <p>(i). "Development Partner (DP)" means the country/institution funding the project as specified in the Data Sheet.</p> <p>(j). "Experts" means, collectively, Key Experts, Non-Key Experts, or any other personnel of the Consultant, Sub-consultant or Joint Venture member(s).</p> <p>(k). "Government" means the government of the Nepal.</p> <p>(l). "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 Client for the performance of the Contract.</p> <p>(m). "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 taken into account in the technical evaluation of the</p>
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	<p>Consultant's proposal,</p> <p>(n). "ITC" (this Section 2 of the RFP) means the Instructions to Consultants that provides the shortlisted Consultants with all information needed to prepare their Proposals.</p> <p>(o). "LOI" (Section 1 of the RFP) means the Letter of Invitation being sent by the Client to the shortlisted Consultants.</p> <p>(p). "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> <p>(q). "Proposal" means the Technical Proposal and the Financial Proposal of the Consultant.</p> <p>(r). "RFP" means the Request for Proposals prepared by the Client for the selection of Consultants, based on the SRFP.</p> <p>(s). "SRFP" means the Standard Request for Proposals issued by PPMO, which must be used by the Public Entity as the basis for the preparation of the RFP.</p> <p>(t). "Services" means the work to be performed by the Consultant pursuant to the Contract.</p> <p>(u). "Sub-consultant" means an entity to whom the Consultant intends to subcontract any part of the Services while remaining responsible to the Client during the performance of the Contract.</p> <p>(v). "TORs" (this Section 7 of the RFP) means the Terms of Reference that explain the objectives, scope of work, activities, and tasks to be performed, respective responsibilities of the Client and the Consultant, and expected results and deliverables of the assignment.</p>
<p>2. Introduction</p>	<p>2.1 The Client named in the Data Sheet intends to select a Consultant from those listed in the Letter of Invitation, in accordance with the method of selection specified in the Data Sheet.</p> <p>2.2 The shortlisted Consultants are invited to submit a Technical Proposal and a Financial Proposal, or a Technical Proposal only, as specified in the Data Sheet, for consulting services required for the assignment named in the Data Sheet. The Proposal will be the basis for negotiating and ultimately signing the Contract with the selected Consultant.</p> <p>2.3 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.</p> <p>2.4 The Client will timely provide, at no cost to the Consultants, the inputs, relevant project data, and reports required for the preparation of the Consultant's Proposal as specified in the Data Sheet.</p>
<p>3. Conflict of Interest</p>	<p>3.1 The Consultant is required to provide professional, objective, and</p>



	<p>impartial advice, at all times holding the Client's interest's paramount, strictly avoiding conflicts with other assignments or its own corporate interests, and acting without any consideration for future work.</p> <p>The Consultant has an obligation to disclose to the Client any situation of actual or potential conflict that impacts its capacity to serve the best interest of its Client. Failure to disclose such situations may lead to the disqualification of the Consultant or the termination of its Contract and/or blacklisting by the Public Procurement Monitoring Office/DP.</p> <p>Without limitation on the generality of the foregoing, and unless stated otherwise in the Data Sheet, the Consultant shall not be hired under the circumstances set forth below.</p>
a. Conflicting activities	(i) <u>Conflict between consulting activities and procurement of goods, works or non consulting services</u> : a firm that has been engaged by the Client 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.
b. Conflicting assignments	(ii) <u>Conflict among consulting assignments</u> : a Consultant (including its Experts and Sub-consultants) or any of its Affiliates shall not be hired for any assignment that, by its nature, may be in conflict with another assignment of the Consultant for the same or for another Client.
c. Conflicting relationships	(iii) <u>Relationship with the Client's staff</u> : a Consultant (including its Experts and Sub-consultants) that has a close business or family relationship with a professional staff of the Client or are directly or indirectly involved in any part of (i) the preparation of the Terms of Reference for the assignment, (ii) the selection process for the Contract, or (iii) the supervision of the Contract, may not be awarded a Contract.
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 Client shall indicate in the Data Sheet and make available to all shortlisted 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 The GoN/DP requires compliance with its policy in regard to corrupt and fraudulent/prohibited practices as set forth in Section 6.



	<p>5.2 In further pursuance of this policy, Consultant shall permit and shall cause its sub-consultants and sub-contractors to permit GoN/DP or its representatives to inspect the accounts, records and other documents relating to the submission of the Proposal and execution of the contract, in case of award, and to have the accounts and records audited by auditors appointed by the GoN/DP.</p> <p>5.3 Consultants shall be aware of the provisions on fraud and corruption stated in Clause GCC 10.1.</p>
6. Eligibility	<p>6.1 The GoN/DP permits consultants (individuals and firms, including Joint Ventures and their individual members) from the eligible countries as stated in Section 5 to offer consulting services for GoN/DP-financed projects.</p> <p>6.2 Furthermore, 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 as established by the GoN/DP. Maximum number of partners in JV shall be Specified in Data sheet.</p> <p>6.3 As an exception to the foregoing Clauses 6.1 and 6.2 above:</p>
a. Sanctions	<p>6.3.1 In case of a natural person or firm/institution/company which is already declared blacklisted and ineligible by the GoN, any other new or existing firm/institution/company owned partially or fully by such Natural person or Owner or Board of director of blacklisted firm/institution/company; shall not be eligible consultant. The list of debarred firms and individuals is available at the electronic address specified in the Data Sheet.</p>
b. Prohibitions	<p>6.3.2 Firms and individuals shall have the nationality of an eligible countries as indicated in Section 5 (Eligible Countries) and:</p> <p>(a) as a matter of law or official regulations, Nepal prohibits commercial relations with that country; or</p> <p>(b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Borrower's Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country.</p>
c. Restrictions for public employees	<p>6.3.3 Government officials and civil servants may only be hired under consulting contracts, either as individuals or as members of a team of a consulting firm, if permitted under GoN/DP policy, and their employment would not create a conflict of interest).</p>
B. Preparation of Proposals	
7. General Considerations	<p>7.1 In preparing the Proposal, the Consultant is expected to examine the RFP in detail. Material deficiencies in providing the information requested in the RFP may result in rejection of the Proposal.</p>



<p>8. Cost of Preparation of Proposal</p>	<p>8.1 The Consultant shall bear all costs associated with the preparation and submission of its Proposal, and the Client shall not be responsible or liable for those costs, regardless of the conduct or outcome of the selection process. The Client is not bound to accept any proposal, and reserves the right to annul the selection process at any time prior to Contract award, without thereby incurring any liability to the Consultant.</p>
<p>9. Language</p>	<p>9.1 The Proposal, as well as all correspondence and documents relating to the Proposal exchanged between the Consultant and the Client, shall be written in the English language.</p>
<p>10. Documents Comprising the Proposal</p>	<p>10.1 The Proposal shall comprise the documents and forms listed in the Data Sheet. 10.2 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 (Section 4).</p>
<p>11. Only One Proposal</p>	<p>11.1 The Consultant (including the individual members of any Joint Venture) shall submit only one Proposal, either in its own name or as part of a Joint Venture in another Proposal. If a Consultant, including any Joint Venture member, submits or participates in more than one proposal, all such proposals shall be disqualified and rejected. This does not, however, preclude a Sub-consultant, or the Consultant's staff from participating as Key Experts and Non-Key Experts in more than one Proposal when circumstances justify and if stated in the Data Sheet.</p>
<p>12. Proposal Validity</p>	<p>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 blacklisting in accordance with Clause 5 of this ITC.</p>
<p>a. Extension of Validity Period</p>	<p>12.4 The Client will make its best effort to complete the negotiations within the proposal's validity period. However, should the need arise, the Client 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. The Consultant shall not include any additional conditions against the provisions specified in RFP, while extending the validity of its Proposal. 12.6 The Consultant has the right to refuse to extend the validity of its Proposal in which case such Proposal will not be further evaluated.</p>



<p>b. Substitution of Key Experts at Validity Extension</p>	<p>12.7 If any of the Key Experts become unavailable for the extended validity period, the Consultant shall provide a written adequate justification and evidence satisfactory to the Client together with the substitution request. In such case, a replacement Key Expert shall have equal or better qualifications and experience than those of the originally proposed Key Expert. The technical evaluation score, however, will remain to be based on the evaluation of the CV of the original Key Expert.</p> <p>12.8 If the Consultant fails to provide a replacement Key Expert with equal or better qualifications, or if the provided reasons for the replacement or justification are unacceptable to the Client, such Proposal will be rejected.</p>
<p>c. Sub-Contracting</p>	<p>12.9 The Consultant shall not subcontract the whole of the Services unless otherwise indicated in the Data Sheet.</p>
<p>13. Clarification and Amendment of RFP</p>	<p>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 Client's address indicated in the Data Sheet. The Client 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 shortlisted Consultants. Should the Client deem it necessary to amend the RFP as a result of a clarification, it shall do so following the procedure described below:</p> <p>13.1.1 At any time before the proposal submission deadline, the Client may amend the RFP by issuing an amendment in writing or by standard electronic means. The amendment shall be sent to all shortlisted Consultants and will be binding on them. The shortlisted Consultants shall acknowledge receipt of all amendments in writing.</p> <p>13.1.2 If the amendment is substantial, the Client may extend the proposal submission deadline to give the shortlisted Consultants reasonable time to take an amendment into account in their Proposals.</p> <p>13.1.3 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.</p>
<p>14. Preparation of Proposals – Specific Considerations</p>	<p>14.1 While preparing the Proposal, the Consultant must give particular attention to the following:</p> <p>14.1.1 If a shortlisted 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 with either (a) non-shortlisted Consultant(s), or (b) shortlisted Consultants if</p>



	<p>permitted in the Data Sheet. In all such cases a shortlisted Consultant must obtain the written approval of the Client prior to the submission of the Proposal. When associating with non-shortlisted firms in the form of a joint venture or a sub-consultancy, the shortlisted Consultant shall be a lead member.</p> <p>14.1.2 The Client may indicate in the Data Sheet the estimated Key Experts' time input (expressed in person month) or the Client's estimated total cost of the assignment. This estimate is indicative and the Proposal shall be based on the Consultant's own estimates for the same.</p> <p>14.1.3 If stated in the Data Sheet, the Consultant shall include in its Proposal at least the same time input (in the same unit as indicated in the Data Sheet) of Key Experts, failing which the Financial Proposal will be adjusted for the purpose of comparison of proposals and decision for award in accordance with the procedure in the Data Sheet.</p> <p>14.1.4 For assignments under the Fixed-Budget selection method, the estimated Key Experts' time input is not disclosed. Total available budget, with an indication whether it is inclusive or exclusive of taxes, is given in the Data Sheet, and the Financial Proposal shall not exceed this budget.</p>
15. Technical Proposal Format and Content	<p>15.1 The Technical Proposal shall not include any financial information. A Technical Proposal containing material financial information shall be declared non-responsive.</p> <p>15.2 Only one curriculum vitae (CV) may be submitted for each key expert. If a technical proposal nominates more than one expert for a position, the Client will evaluate all CVs and apply the lowest score for the position.</p>
16. Financial Proposal	<p>16.1 The Financial Proposal shall be prepared using the Standard Forms provided in Section 4 of the RFP. It shall list all costs associated with the assignment, including (a) remuneration for Key Experts and Non-Key Experts, (b) other expenses, (c) provisional sums when applicable indicated in the Data Sheet.</p>
a. Price Adjustment	<p>16.2 For assignments with a duration exceeding 12 months, a price adjustment provision for foreign and/or local inflation for remuneration rates applies if so stated in the Data Sheet.</p>
b. Taxes	<p>16.3 The Consultant and its Sub-consultants and Experts are responsible for meeting all tax liabilities arising out of the Contract. Information on taxes in the Client's country is provided in the Data Sheet.</p>
c. Currency of Proposal	<p>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 the Nepalese Rupees.</p>



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	<p>17.1 The Consultant shall submit a signed and complete Proposal comprising the documents and forms in accordance with Clause 10 (Documents Comprising Proposal). The submission can be done by mail or by hand if specified in the Data Sheet, the Consultant has the option of submitting its Proposals electronically.</p> <p>17.2 An authorized representative of the Consultant shall sign the original submission letters in the required format for both the Technical Proposal and, if applicable, the Financial 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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>17.6 The original and all the copies of the Technical Proposal shall be placed inside of a sealed envelope clearly marked "TECHNICAL PROPOSAL", "[Name of the Assignment] ", reference number, name and address of the Consultant, and with a warning "DO NOT OPEN UNTIL [INSERT THE DATE AND THE TIME OF THE TECHNICAL PROPOSAL SUBMISSION DEADLINE]."</p> <p>17.7 Similarly, the original Financial Proposal (if required for the applicable selection method) shall be placed inside of a sealed envelope clearly marked "FINANCIAL PROPOSAL" followed by the name of the assignment, reference number, name and address of the Consultant, and with a warning "DO NOT OPEN WITH THE TECHNICAL PROPOSAL."</p> <p>17.8 The sealed envelopes containing the Technical and Financial Proposals shall be placed into one outer envelope and sealed. This outer envelope shall bear the submission address, RFP reference number, the name of the assignment, Consultant's name and the address, and shall be clearly marked "DO NOT OPEN BEFORE [insert the time and date of the submission deadline indicated in the Data Sheet]".</p> <p>17.9 If the envelopes and packages with the Proposal are not sealed</p>



	<p>and marked as required, the Client will assume no responsibility for the misplacement, loss, or premature opening of the Proposal. For QCBS, FBS and LCS, if the Technical and Financial Proposals are not submitted in separate sealed envelopes as required, the Client shall reject the Proposal.</p> <p>17.10 The Proposal or its modifications must be sent to the address indicated in the Data Sheet and received by the Client no later than the deadline indicated in the Data Sheet, or any extension to this deadline. Any Proposal or its modification received by the Client after the deadline shall be declared late and rejected, and promptly returned unopened.</p>
18. Confidentiality	<p>18.1 From the time the Proposals are opened to the time the Contract is awarded, the Consultant should not contact the Client 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 letter of intent to accept the proposal has been issued to the selected Consultant.</p> <p>18.2 Any attempt by shortlisted Consultants or anyone on behalf of the Consultant to influence improperly the Client 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 PPMO's blacklisting procedures.</p> <p>18.3 Notwithstanding the above provisions, from the time of the Proposals' opening to the time of issuance of notification for opening of financial proposal or the Letter of Intent, if a Consultant wishes to contact the Client on any matter related to the selection process, it should do so only in writing.</p>
19. Opening of Technical Proposals	<p>19.1 The Client's evaluation committee shall conduct the opening of the Technical Proposals in the presence of the shortlisted Consultants' authorized representatives who choose to attend. 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 until they are opened in accordance with Clause 23 of the ITC.</p> <p>19.2 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.</p>
20. Proposals Evaluation	<p>20.1 Subject to provision of Clause 15.1 of the ITC, the evaluators of the Technical Proposals shall have no access to the Financial Proposals until the technical evaluation is concluded and the DP</p>



	<p>issues its "no objection", if applicable.</p> <p>20.2 The Consultant is not permitted to alter or modify its Proposal in any way after the proposal submission deadline except as permitted under Clause 12.7 of this ITC. While evaluating the Proposals, the Client will conduct the evaluation solely on the basis of the submitted Technical and Financial Proposals.</p>
<p>21. Evaluation of Technical Proposals</p>	<p>21.1 The Client's evaluation committee shall evaluate the Technical Proposals on the basis of their responsiveness to the Terms of Reference and the RFP, applying the evaluation criteria, sub-criteria, and point system specified in the Data Sheet. Each responsive Proposal will be given a technical score. The evaluation committee shall compute the score obtained by each proposal by taking the average of the scores given by each member of the evaluation committee to the proposal. 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.</p> <p>21.2 Proposed experts, involved in the firms' work in hand will not be considered for evaluation to the extent of this involvement in the ongoing assignment.</p> <p>21.3 In Case, a corruption case is being filed to Court against the Natural Person or Board of Director of the firm/institution /company or any partner of JV, such Natural Person or Board of Director of the firm/institution /company or any partner of JV such firm's or JV proposal shall be excluded from the evaluation, if public entity receives instruction from Government of Nepal.</p>
<p>22. Financial Proposals for QBS</p>	<p>22.1 Following the ranking of the Technical Proposals, when the selection is based on quality only (QBS), the top-ranked Consultant is invited to negotiate the Contract.</p> <p>22.2 If Financial Proposals were invited together with the Technical Proposals, only the Financial Proposal of the technically top-ranked Consultant is opened by the Client's evaluation committee. All other Financial Proposals are returned unopened after the Contract negotiations are successfully concluded and the Contract is signed.</p> <p>22.3 In Case, a corruption case is being filed to Court against the Natural Person or Board of Director of the firm/institution /company or any partner of JV, such Natural Person or Board of Director of the firm/institution /company or any partner of JV such firm's or JV proposal shall be excluded from the evaluation, if public entity receives instruction from Government of Nepal.</p>
<p>23. Public Opening of Financial Proposals (for QCBS, FBS, and LCS methods)</p>	<p>23.1 After the technical evaluation is completed <i>and the DP has issued its no objection (if applicable)</i>, the Client shall notify those Consultants whose Proposals were considered non-responsive to the RFP and TOR or did not meet the minimum qualifying technical score (and shall provide information</p>



	<p>relating to the Consultant's overall technical score) that their Financial Proposals will be returned unopened after completing the selection process and Contract signing. The Client shall simultaneously notify in writing those Consultants that have achieved the minimum overall technical score and inform them of the date, time and location for the opening of the Financial Proposals. The opening date should be at least 7 days for national shortlisting and 15 days for international shortlisting for attending the opening. The Consultant's attendance at the opening of the Financial Proposals is optional and is at the Consultant's choice.</p> <p>23.2 The Financial Proposals shall be opened by the Client's evaluation committee in the presence of the representatives of those Consultants whose proposals have passed the minimum technical score. At the opening, the names of the Consultants, and the overall technical scores, shall be read aloud. The Financial Proposals will then be inspected to confirm that they have remained sealed and unopened.</p> <p>These Financial Proposals shall be then opened, and the following information will be recorded:</p> <ul style="list-style-type: none"> (a) Name and address, (b) Proposed service charge, (c) Discount offered, if any; (d) Description of the discrepancies, if any, between figure and words, (e) Whether the financial proposal is signed or not by authorized representative of consultant, (f) If any matter or content of the financial proposal is effaced whether such efface is signed by the consultant or his/her representative or not and the details of the amount and the content effaced, (g) Other necessary matters considered appropriate by the Public Entity <p>23.3 In Case, a corruption case is being filed to Court against the Natural Person or Board of Director of the firm/institution /company or any partner of JV, such Natural Person or Board of Director of the firm/institution /company or any partner of JV such firm's or JV proposal shall be excluded from the evaluation, if public entity receives instruction from Government of Nepal.</p>
<p>24. Correction of Errors</p>	<p>24.1 Activities and items described in the Technical Proposal but not priced in the Financial Proposal, shall be assumed to be included in the prices of other activities or items, and no corrections are made to the Financial Proposal.</p>
<p>a. Time-Based Contracts</p>	<p>24.1.1 If a Time-Based contract form is included in the RFP, the Client's evaluation committee will (a) correct any computational or arithmetical errors, (b) adjust the discount offered, if any, and (b)</p>



	adjust the prices if they fail to reflect all inputs included for the respective activities or items in the Technical Proposal. In case of discrepancy between (i) a partial amount (sub-total) and the total amount, or (ii) between the amount derived by multiplication of unit price with quantity and the total price, or (iii) between words and figures, the former will prevail. In case of discrepancy between the Technical and Financial Proposals in indicating quantities of input, the Technical Proposal prevails and the Client's evaluation committee shall correct the quantification indicated in the Financial Proposal so as to make it consistent with that indicated in the Technical Proposal, apply the relevant unit price included in the Financial Proposal to the corrected quantity, and correct the total Proposal cost.
b. Lump-Sum Contracts	24.2 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 corrections nor price adjustments shall be made. The total price, net of taxes understood as per Clause ITC 25 below, specified in the Financial Proposal (Form FIN-1) shall be considered as the offered price.
25. Taxes	25.1 Except as set out in Sub-clause 25.2, all taxes are deemed included in the Consultant's Financial proposal, and, therefore, included in the evaluation. 25.2 Except for VAT, all taxes levied and imposed on the contract invoices and any tax liabilities arising from the Contract under the laws of Nepal are deemed included in the Consultant's Financial Proposal and, hence, included in the evaluation. Information on the Consultant's tax obligations in Nepal can be found as indicated in Clause 16.3 of 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. Combined Quality and Cost Evaluation	27.1 In the case of QCBS, the total score is calculated by weighting the technical and financial scores and adding them as per the formula and instructions in the Data Sheet. The Consultant achieving the highest combined technical and financial score will be invited for negotiations.
a. Quality- and Cost-Based Selection (QCBS)	
b. Fixed-Budget Selection (FBS)	27.2 In the case of FBS, those Proposals that exceed the budget indicated in Clause 14.1.4 of the Data Sheet shall be rejected. 27.3 The Client will select the Consultant that submitted the highest-ranked Technical Proposal that does not exceed the budget indicated in the RFP, and invite such Consultant to negotiate the Contract.
c. Least-Cost Selection (LCS)	27.4 In the case of Least-Cost Selection (LCS), the Client will select the Consultant with the lowest evaluated total price among those consultants that achieved the minimum technical score, and invite such Consultant to negotiate the Contract.



D. Negotiations and Award	
28. Negotiations	<p>28.1 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.</p> <p>28.2 The Client shall prepare minutes of negotiations that are signed by the Client and the Consultant's authorized representative.</p> <p>28.3 The date, time and address for the negotiations will be advised in writing by the client. The notification period shall be at least 15 days for international selection and 7 days for national selection.</p>
a. Availability of Key Experts	<p>28.3 The invited Consultant shall confirm the availability of all Key Experts included in the Proposal as a pre-requisite to the negotiations, or, if applicable, a replacement in accordance with Clause 12 of the ITC. Failure to confirm the Key Experts' availability may result in the rejection of the Consultant's Proposal and the Client proceeding to negotiate the Contract with the next-ranked Consultant.</p> <p>28.4 Notwithstanding the above, the substitution of Key Experts at the negotiations may be considered if due solely to circumstances outside the reasonable control of and not foreseeable by the Consultant, including but not limited to death or medical incapacity. In such 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.</p>
b. Technical negotiations	<p>28.5 The negotiations include discussions of the Terms of Reference (TORs), the proposed methodology, the Client'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.</p>
c. Financial negotiations	<p>28.6 In the case of a Time-Based contract, where cost is a factor in the evaluation, unit rates negotiations for remuneration shall not take place. However, there may be negotiation on reimbursable expenses.</p> <p>28.7 If the selection method included cost as a factor in the evaluation, the total price stated in the Financial Proposal for a Lump-Sum contract shall not be negotiated.</p> <p>28.8 The format for (i) providing information on remuneration rates in the case of Quality Based Selection is provided in Appendix A to the Financial Form FIN-3: Financial Negotiations – Breakdown of Remuneration Rates.</p>



<p>29. Conclusion of Negotiations</p>	<p>29.1 The negotiations are concluded with a review of the finalized draft Contract, which then shall be initiated by the Client and the Consultant's authorized representative.</p> <p>29.2 If the negotiations fail, the Client 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 Client shall terminate the negotiations informing the Consultant of the reasons for doing so. The Client will invite the next-ranked Consultant to negotiate a Contract. Once the Client commences negotiations with the next-ranked Consultant, the Client shall not reopen the earlier negotiations.</p>
<p>30. Award of Contract</p>	<p>30.1 Pursuant to Clause 29.1 of this ITC, the consultant, with whom agreement is reached following negotiation, shall be selected for approval of his proposal and the Client shall notify its' intention to accept the proposal to the selected consultant and other short-listed consultants within 7 days of selection of the winning proposal.</p> <p>30.2 If the review application is not received by the Client pursuant to Clause 31.2 of this ITC then the proposal of the Consultant, selected as per Clause 30.1 of this ITC shall be accepted and the successful consultant shall be notified to come for signing the Agreement within 15 days.</p> <p>30.3 If the Consultant fails to sign an agreement pursuant to Clause 30.2 of this ITC then the Client will invite the consultant whose proposal received the next highest score to negotiate a contract.</p> <p>30.4 The Consultant is expected to commence the assignment on the date and at the location specified in the Data Sheet.</p> <p>30.5 In Case, a corruption case is being filed to Court against the Natural Person or Board of Director of the firm/institution /company or any partner of JV, such Natural Person or Board of Director of the firm/institution /company or any partner of JV such firm's or JV proposal shall be excluded from the evaluation, if public entity receives instruction from Government of Nepal.</p>
<p>31. Request for Information/ Complaints</p>	<p>31.1 A consultant, who has been informed that its technical proposal has been considered non-responsive to the RFP and TOR or did not meet the minimum qualifying technical score, may request the Client to provide the technical score obtained by him and the reason for not being able to qualify. The Client shall provide the information within 5 days of receiving such request. If the applicant is not satisfied with the decision given by the procuring entity and/or the decision is not given by the Procuring Entity within 5 days, then the applicant can file a complaint to the Review Committee within 7 days. The Applicant filing application for review shall have to furnish a cash amount or bank guarantee from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law equivalent to the amount</p>



	<p>specified in the Data Sheet with the validity period of at least ninety days from the date of filing of application.</p> <p>In case of letter of Intent after evaluation of financial proposal if the applicant is not satisfied with the decision given by the procuring entity and/or the decision is not given by the Procuring Entity within 5 days, then the applicant can file a complaint to the Review Committee within 7 days. The Applicant filing application for review shall have to furnish a cash amount or bank guarantee from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law equivalent to the 1% of Financial Proposal with the validity period of at least ninety days from the date of filing of application.</p> <p>31.2 Any consultant, who has submitted a proposal and is not satisfied with the procurement process or Client's decision provided as per Clause 30.1 of this ITC and believes that the Client has committed an error or breach of duty which has or will result in loss to him then the consultant may give an application for review of the decision to the Client with reference to the error or breach of duty committed by the Client. The review application should be given within 7 days of receipt of information regarding the issue of letter by the Client notifying its intention to accept the winning proposal pursuant to Clause 30.1 of this ITC.</p> <p>31.3 If a review application is received by the Client pursuant to Clause 31.2 of this ITC then the Client will clarify and respond within 5 days of receiving such application.</p> <p>31.4 If the applicant is not satisfied with the decision given by the procuring entity and/or the decision is not given by the Procuring Entity within 5 days, then the applicant can file a complaint to the Review Committee within 7 days.</p> <p>31.5 if a complaint has been lodged to the client, the client shall put on hold the awarding process for 7 days period provided to lodge a complaint to the review committee.</p>
<p>32. Conduct of Consultants</p>	<p>32.1 The Consultant shall be responsible to fulfil his obligations as per the requirement of the Contract Agreement, RFP documents and Public Procurement Act and Regulations.</p> <p>32.2 The consultant shall not carry out or cause to carry out the following acts with an intention to influence the implementation of the procurement process or the Contract Agreement:</p> <ol style="list-style-type: none"> give or propose improper inducement directly or indirectly, distortion or misrepresentation of facts engaging or being involved in corrupt or fraudulent practice interference in participation of other prospective bidders. coercion or threatening directly or indirectly to impair or harm, any party or the property of the party involved in the procurement proceedings,



	<p>g. collusive practice among consultants before or after submission of proposals for distribution of works among consultants or fixing artificial/uncompetitive proposal price with an intention to deprive the Client the benefit of open competitive proposal price.</p> <p>h. contacting the Client with an intention to influence the Client with regards to the proposals or interference of any kind in examination and evaluation of the proposals during the period after opening of proposals up to the notification of award of contract.</p>
<p>33. Blacklisting</p>	<p>33.1 Without prejudice to any other rights of the client under this Contract, the Public Procurement Monitoring Office may blacklist a Consultant for his conduct up to three years on the following grounds and seriousness of the act committed by the consultant:</p> <ul style="list-style-type: none"> a) if it is proved that the consultant committed acts pursuant to the Clause 32.2 of the ITC, b) if the consultant fails to sign an agreement pursuant to Clause 30.2 of the ITC, c) if it is proved later that the consultant has committed substantial defect in implementation of the contract or has not substantially fulfilled his obligations under the contract or the completed assignment is not of the specified quality as per the contract, d) if convicted by a court of law in a criminal offence which disqualifies the firm from participating in the contract e) if it is proved that the contract agreement signed by the Consultant was based on false or misrepresentation of consultant's qualification information, f) if the consultant fails to submit the professional liability insurance within the period stipulated in the contract. <p>33.2 A Consultant declared blacklisted and ineligible by the GoN, Public Procurement Monitoring Office (PPMO) and/or DP Development Partner in case of DP funded project, shall be ineligible to participate or to be awarded a contract during the period of time determined by the GoN, PPMO and/or the DP Development Partner.</p> <p>The list of debarred firms is available at the electronic address specified in the Data Sheet.</p>



F. Data Sheet

A. General	
ITC Clause Reference	
1(i)	Development Partner (DP) is: None
1(j) (definitions)	International experts mean experts who are citizens of an eligible country National experts mean experts who are citizens of Nepal. Nationals who possess the appropriate international experience may be considered for assignments that require international expertise. The international experience that is required for a particular assignment will be defined and described in the pertinent TOR
2.1	Name of the Client: NEA Engineering Company Limited Method of selection: Quality – and- Cost based Selection (QCBS)
2.2	Financial Proposal to be submitted together with Technical Proposal: Yes The name of the assignment is: Consulting Services for LIDAR Survey of Detail Feasibility Study of Dukuchaap-Sirutar-Nala Gumba-Lapsiphedi 220kV Transmission Line Project
2.3	A pre-proposal conference will be held: No
2.4	The Client will provide the following inputs, project data, reports, etc. to facilitate the preparation of the Proposals: Please refer to Section 7, TOR
4.1	If "Unfair Competitive Advantage" applies to the selection, explain how it is mitigated, including listing the reports, information, comments, etc. and indicating the sources where these can be downloaded or obtained by the shortlisted Consultants)
6.2	Maximum number of partners in JV shall be: 3 (three) .



6.3.1	A list of debarred firms and individuals is available at the following website http://ppmo.gov.np
B. Preparation of Proposals	
10.1	<p>The Proposal shall comprise the following:</p> <p>1st Inner Envelope with the Technical Proposal:</p> <ol style="list-style-type: none"> (1) Power of Attorney to sign the Proposal (2) Proof of Legal Status and Eligibility (3) TECH-1 (4) TECH-2 (5) TECH-3 (6) TECH-4 (7) TECH-5 (8) TECH-6 (9) TECH-7 <p>AND</p> <p>2nd Inner Envelope with the Financial Proposal (if applicable):</p> <ol style="list-style-type: none"> (1) FIN-1 (2) FIN-2 (3) FIN-3 (4) FIN-4 <p>Proof of legal status establish Consultant's legal capacity to enter into binding and enforceable contracts and may be supported by:</p> <ul style="list-style-type: none"> • Certificate of incorporation.
11.1	<p>Participation of Sub-consultants, Key Experts and Non-Key Experts in more than one Proposal is permissible</p> <p>No</p>
12.1	Proposals must remain valid for <i>Ninety (90) days</i> calendar days after the proposal submission deadline.
12.9	<p>Sub-contracting is allowed for the proposed assignment</p> <p>No</p>
13.1	<p>Clarifications may be requested no later than Seven (7) days prior to the submission deadline.</p> <p>The contact information for requesting clarifications is:</p>



	<p>Chirantan Bikram Rana Team leader 01-5111024 Email: chirantan.rana@neaec.com.np</p>
14.1.1	<p>Shortlisted Consultants may associate with</p> <p>(a) non-shortlisted consultant(s): NO</p> <p>(b) other shortlisted Consultants: NO</p>
14.1.2	<p>Estimated input of international Key Experts' time-input: Not Applicable Estimated input of national Key Experts' time-input: Not Applicable</p>
14.1.3 for time-based contracts only	<p>Minimum time-input of international Key Experts' is: Not Applicable Minimum time-input of national Key Experts' is: Not Applicable</p>
14.1.4 and 27.2	Not Applicable
16.1	Not Applicable
16.2	A price adjustment provision applies to remuneration rates: No
16.3	"Information on the Consultant's tax obligations in Nepal can be found at the Inland Revenue Department website: www.ird.gov.np ."
16.4	<p>The Financial Proposal shall be stated in the following currencies:</p> <p>The Financial Proposal should state local costs in Nepalese Rupees</p>
C. Submission, Opening and Evaluation	
17.1	The Consultants "shall not" have the option of submitting their Proposals electronically.
17.5	<p>The Consultant must submit:</p> <p>(a) Technical Proposal: one (1) original and</p>



	(b) Financial Proposal: one (1) original						
17.8	<p>The Proposals must be received at the address below no later than:</p> <p>An online option of the opening of the Technical Proposals is offered: No</p> <p>The opening shall take place at: 2nd Floor, Trade Tower, Thapathali, Kathmandu</p> <p>Date: 20th April, 2023 Time: 12: 00 Hrs. local time</p>						
19.1	<p>An online option of the opening of the Technical Proposals is offered: No</p> <p>The opening shall take place at: 2nd Floor, Trade Tower, Thapathali, Kathmandu</p> <p>Date: 20th April, 2023 Time: 14: 00 Hrs. local time</p>						
19.2	<p>In addition, the following information will be read aloud at the opening of the Technical Proposals:</p> <p>Confirmation that invitation to submit proposal was not transferred to another party.</p>						
21.1	<p>The evaluation criteria, sub-criteria, and point system for the evaluation are:</p> <p style="text-align: right;">[25 Points]</p> <p>(i) Specific experience of the consultants (as a firm) related to the assignment</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 5%;">a.</td> <td style="width: 80%;">The consultant shall have carried out Topographical survey of minimum Five (5) on Transmission or hydropower or Irrigation projects in the last five (5) years.</td> <td style="width: 15%; text-align: center;">10</td> </tr> <tr> <td>b.</td> <td>The consultant must have carried out LiDAR Survey in at least minimum of two (2) national projects within last three (3) years where one (1) of the projects must be transmission line/hydropower projects greater than 25 km or area greater than 500 Hectare.</td> <td style="text-align: center;">15</td> </tr> </table>	a.	The consultant shall have carried out Topographical survey of minimum Five (5) on Transmission or hydropower or Irrigation projects in the last five (5) years.	10	b.	The consultant must have carried out LiDAR Survey in at least minimum of two (2) national projects within last three (3) years where one (1) of the projects must be transmission line/hydropower projects greater than 25 km or area greater than 500 Hectare.	15
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b.	The consultant must have carried out LiDAR Survey in at least minimum of two (2) national projects within last three (3) years where one (1) of the projects must be transmission line/hydropower projects greater than 25 km or area greater than 500 Hectare.	15					



(ii) Adequacy of the proposed work plan and methodology in responding to the Terms of Reference [10 Points]		
a	Understanding of Objective of Study, Scope of Work.	2.5
b	Approach and Methodology (Detailing of approach and Methodology and sequencing of major activities)	5
c	Work plan (Detailing and Sequencing of major activities)/team composition)	2.5
<p><i>(Notes to Consultant: The Client will assess whether the proposed methodology is clear, responds to the TORs, work plan is realistic and implementable; overall team composition is balanced and has an appropriate skills mix; and the work plan has right input of Experts)</i></p>		
(iii) Qualifications and Experience of the key staff for the Assignment [60 Points]		
<p><i>(Notes to Consultant: each position number corresponds to the same for the Key Experts in Form TECH-6 to be prepared by the Consultant)</i></p>		
<p>The number of points to be given to each of the following position of key staff shall be determined considering the following three sub-criteria and relevant percentage weights:</p>		
S.N.	Purposed position	Points
1.	Team leader (one)	30
a.	General qualification <ul style="list-style-type: none"> • Master's Degree in Geomatic engineering / Geoinformatics or GIS and Remote sensing or Geography with focus on GIS and Remote Sensing, Photogrammetric, LIDAR, Preferable Ph.D.in one of the above-mentioned subjects. (20%). 	6



	<p><i>b</i> Experience</p> <ul style="list-style-type: none"> • At least minimum of 5 years of experience. (20%). • At least four (4) projects of relevant work experience in related field (Experience in LIDAR Survey of Transmission Line Survey/Hydropower projects) After completion of Basic Degree. (30%) . 	6 9
	<p><i>c</i>: Experience in similar terrain (Similar works at least 2 projects), Preferably for Transmission Line Survey 132kV/220kV/400kV/Hydropower project using LIDAR (30%).</p>	9
	Total Weight (100%)	30
2.	Senior Surveyor/Geomatics Engineer (one)	10
	<p><i>a</i> General qualification Having Completed At least Senior Surveying Course (or equivalent to senior surveying Course)/or B.E. in Geomatics Engineering/Survey engineering. (20%).</p>	2
	<p><i>b</i>. Experience At least 2 projects of relevant work experience in related field after Completion of the relevant course After completion of Basic Degree (50%).</p>	5
	<p><i>c</i>. Experience in similar terrain (Similar works at least 1 project). Preferably in Transmission Line 132kV/220kV/400kV/Hydropower Projects using LIDAR (30%)</p>	3
	Total Weight (100%)	10
3.	GIS/RS Expert	10
	<p><i>a</i> General qualification At least having BE in geomatics engineering preferable master's Degree with GIS/RS included and studied in course or having PG diploma in GIS/RS after the completion of Bachelor's Degree.(20%)</p>	2
	<p><i>b</i> Experience At least 2 projects of relevant work experience in related field after completion of relevant course. After completion of Basic Degree.(50%)</p>	5
	<p>Experience in similar terrain (Similar works at least 1 project). Preferably in Transmission Line 132kV/220kV/400kV/ /Hydropower Projects using LIDAR (30%)</p>	3
	Total Weight (100%)	10

4	<i>Supporting staffs (Two)</i>	10
a	General Qualification: <ul style="list-style-type: none"> Valid Training certificate (30%). 	3
b	Experience: <ul style="list-style-type: none"> At least 5 years' experience in survey works (60%) with experience in Transmission line /Hydropower Projects. 	6
c	Experience in similar work in at least 2 Hydropower projects greater than 100 MW (10%). Preferably in storage projects	1
Total		10
Weight (100%)		

(iv) Suitability of the transfer of knowledge program or training [5 Points]

S.N.	Description	Points
i	Training No. > 20 Person	5 Points
ii	Training No. 20 to 10 Person	3 Points
iii	Training No. < 10 Person	2 Points

When the certificates are presented, they are only taken into account in the assessment.

(v) Local participation (as reflected by nationals among key staff presented by foreign and local consultants;
[not applicable for National level proposals]

Total Points: 100

The minimum technical score (St) required to pass is Seventy (70) Points

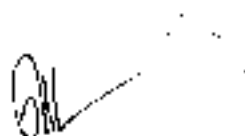
Note:

- Curriculum Vitae (CV) of the key professionals shall be submitted with signature and date in blue indelible ink of the respective professionals as provided in Form.
- Public/Semi-public entities' employees need to submit official no objection letter to provide consultancy services. Failure to

	submit this will cause zero marks in his/her evaluation.
23.1	An online option of the opening of the Financial Proposals is offered: No.
23.1 and 23.2	The Client will read aloud only overall technical scores.
26.3	the single currency for the conversion of all prices expressed in various currencies into a single one is Nepali Rupees. <i>[The Consultant shall submit the proposal in Nepali Rupees]</i>
27.1 [a. QCBS only]	<p>The lowest evaluated Financial Proposal (Fm) is given the maximum financial score (Sf) of 100.</p> <p>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" is the price of the proposal under consideration.</p> <p>The weights given to the Technical (T) and Financial (P) Proposals are: T = _____ [insert weight], and P = _____ [insert weight]</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>
D. Negotiations and Award	
28.1	<p>Expected date and address for contract negotiations: Date: 30th April, 2023</p> <p>Address: NEA Engineering Company, Trade Tower, Thapathali, Kathmandu</p>
30.4	<p>Expected date for the commencement of the Services: Date: Seven (7) days from the letter to commence.</p>
31.1	The Applicant shall furnish a cash amount or a bank guarantee from "A" class commercial bank Guarantee as per prevailing Law with an amount of NRs. 7,780,00



	<i>Bank Guarantee validity period of at least One hundred twenty (120) days from the date of filing of application.</i>
33.2	A list of blacklisted firms is available at the PPMO's website http://www.ppmo.gov.np



Section 3. Technical Proposal – Standard Forms

FORM TECH-1

TECHNICAL PROPOSAL SUBMISSION FORM

{Location, Date}

To:

NEA Engineering Company Limited
Dukuchhap-Sirutar-Nalagumba-Lapsiphedi 220 kV Transmission Line Project
2nd Floor Trade Tower Ihapathali Kathmandu, Nepal

Dear Sirs:

We, the undersigned, offer to provide the consulting services for [Insert title of assignment] in accordance with your Request for Proposals dated [Insert Date] and our Proposal. [Select appropriate wording depending on the selection method stated in the RFP: "We are hereby submitting our Proposal, which includes this Technical Proposal and a Financial Proposal sealed in a separate envelope" or, if only a Technical Proposal is invited "We hereby are submitting our Proposal, which includes this Technical Proposal only in a sealed envelope."].

{If the Consultant is a joint venture, insert the following: We are submitting our Proposal in 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 country 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 Client and/or may be blacklisted by the PPMO.
- (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 ITC 3 and we have not been punished for an offense relating to the concerned profession or business.



- (d) We meet the eligibility requirements as stated in ITC 6.
- (e) Neither we, nor our JV/associate partners/ sub-consultants or any of the proposed experts prepared the TOR for this consulting assignment
- (f) Except as stated in the Data Sheet, Clause 12.3, we undertake to negotiate a Contract on the basis of the proposed Key Experts. We accept that the substitution of Key Experts for reasons other than those stated in ITC Clause 12 and ITC Clause 28.4 may lead to the termination of Contract negotiations.
- (g) Our Proposal is binding upon us and subject to any modifications resulting from the Contract negotiations.
- (h) In competing for (and, if the award is made to us, in executing) the Contract, we undertake to observe the laws against fraud and corruption, including bribery, in force in the country of the Client.

We undertake, if our Proposal is accepted and the Contract is signed, to initiate the Services related to the assignment no later than the date indicated in Clause 30.4 of the Data Sheet.

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

We remain,

Yours sincerely,

Authorized Signature (In full and initials): _____

Name and Title of Signatory: _____

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

In the capacity of: _____

Address: _____

Contact information (phone and e-mail): _____

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



FORM TECH-2

CONSULTANT'S ORGANIZATION AND EXPERIENCE

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

A - Consultant's Organization

1. Provide here a brief description of the background and organization of your company, and – in case of a joint venture – of each member for this assignment.

B - Consultant's Experience

1. List only previous similar assignments successfully completed in the last 7 (Seven) years.
2. List only those assignments for which the Consultant was legally contracted by the Client as a company or was one of the joint venture partners. Assignments completed by the Consultant's individual experts working privately or through other consulting firms cannot be claimed as the relevant experience of the Consultant, or that of the Consultant's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The Consultant should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so requested by the Client.



Using the format below, provide information on each assignment for which your Consultant/entity, either individually as a corporate entity or as one of the major companies within an association, was legally contracted.

Assignment Name:		Country:
Location within Country:		Professional Staff Provided by Your Consultant/Entity (profiles):
Name of Client:		No. of Staff:
Address:		No. of Staff-Months; Duration of Assignment:
Start Date (Month/Year):	Completion Date (Month/Year):	Approx. Value of Services Proposal National level :NRs International Level: (In Current US\$).
Name of Associated Consultants, if Any:		No. of Months of Professional Staff Provided by Associated Consultants:
Name of Senior Staff and Designation (Project Director/Coordinator, Team Leader etc.) Involved and Functions Performed:		
Narrative Description of Project (, Actual assignment, nature of activities performed and location)		
Description of Actual Services Provided by Your Staff:		

Consultant's Name: _____



FORM TECH-3

COMMENTS AND SUGGESTIONS ON THE TERMS OF REFERENCE, COUNTERPART STAFF, AND FACILITIES TO BE PROVIDED BY THE CLIENT

Form TECH-3: comments and suggestions on the Terms of Reference that could improve the quality/effectiveness of the assignment; and on requirements for counterpart staff and facilities, which are provided by the Client, 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

(NOT APPLICABLE)



FORM TECH-4

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

Form TECH-4- a description of the methodology and work plan for performing the assignment. Including a detailed description of the proposed methodology and staffing for training. If the Terms of Reference specify training as a specific component of the assignment.

{Suggested structure of your Technical Proposal:

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

- a) Technical Approach and Methodology. (Please explain your understanding of the objectives of the assignment as outlined in the Terms of Reference (TORs), the technical approach, and the methodology you would adopt for implementing the tasks to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/copy the TORs in here.)
- b) Work Plan. (Please outline the plan for the implementation of the main activities/tasks of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the Client), and tentative delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing your understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents (including reports) to be delivered as final output(s) should be included here. The work plan should be consistent with the Work Schedule Form.)
- c) Organization and Staffing. (Please describe the structure and composition of your team, including the list of the Key Experts and relevant technical and administrative support staff.)



FORM TECH-5

WORK SCHEDULE AND PLANNING FOR DELIVERABLES

N ^o	Deliverables ¹ (D-...)	Weeks											TOTAL	
		1	2	3	4	5	6	7	8	9	n		
D-1	{e.g., Deliverable #1: Report A													
	1) Inception Report													
	2) LIDAR and Orthophoto Acquisition Report													
	3) LIDAR Data Processing Report													
	4) Draft Report Submission													
	5) Final Report Submission													
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 Client's approvals. For phase assignments, indicate the activities, delivery of reports, and benchmarks separately for each phase.
2. Duration of activities shall be indicated in a form of a bar chart.
3. Include a legend, if necessary, to help read the chart.



FORM TECH-6
TEAM COMPOSITION, ASSIGNMENT, AND KEY EXPERTS' INPUTS

N°	Name, Nationality and DOB	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-4	D-5	Home	Field	Total
KEY EXPERTS										
International										
K-1	{e.g., Mr. Abbbb, PAK, 15.06.1954}	{Team Leader}	{2 month}	{1.0}	{1.0}	{1.0}				
K-2	{e.g., Mr. Xxyyy, USA, 20.04.1969}		{0.5 m}	{2.5}	{0}					
K-3										
National										
n										
										Subtotal
NON-KEY EXPERTS										
N-1			{Home}							
N-2			{Field}							
n										
										Subtotal
										Total



1. For Key Experts, the input should be indicated individually for the same positions as required under the Data Sheet ITC21.1.
2. Months are counted from the start of the assignment/mobilization. 3 "Home" means work in the office in the expert's place of residence. "Field" work means work carried out in the site.



Full time input
Part time input



FORM TECH-7

CURRICULUM VITAE (CV)

Position Title and No.	{e.g., K-1, TEAM LEADER}
Name of Firm	<i>Insert name of firm proposing the expert</i>
Name of Expert:	{Insert full name}
Date of Birth:	{day/month/year}
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, *type of employment (full time, part time, contractual)*, types of activities performed and location of the assignment, and contact information of previous clients 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 information for references	Country	Summary of activities performed relevant to the Assignment
{e.g., May 2005-present}	{e.g., Ministry of, advisor/consultant to... For references: Tel...../e-mail.....; Mr. Bbbbbb, deputy minister}		

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}	



Experts contact information: (e-mail....., phone.....)

Certification:

I, the undersigned, certify to the best of my knowledge and belief that

(i) This CV correctly describes my qualifications and experience

(ii) I am not a current employee of the GoN

(iii) In the absence of medical incapacity, I will undertake this assignment for the duration and in terms of the inputs specified for me in Form TECH 6 provided team mobilization takes place within the validity of this proposal.

(iv) I was not part of the team who wrote the terms of reference for this consulting services assignment

(v) I am not currently debarred by a multilateral development bank (In case of DP funded project)

(vi) I certify that I have been informed by the firm that it is including my CV in the Proposal for the {name of project and contract}. I confirm that I will be available to carry out the assignment for which my CV has been submitted in accordance with the implementation arrangements and schedule set out in the Proposal.

(vii) I declare that Corruption Case is not filed against me.

I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

[Signature of expert] Date: _____
Day/Month/Year

[Signature of authorized representative of the firm] Date: _____
Day/Month/Year

Full name of authorized representative:



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 Other Expenses, Provisional Sums



FORM FIN-1
FINANCIAL PROPOSAL SUBMISSION FORM

(Location, Date)

To:
NEA Engineering Company Limited
Dukuchhap-Sirutar-Nalagumba-Lapsiphehi 220 kV Transmission Line Project
2nd Floor Trade Tower Thapathali Kathmandu, Nepal

Dear Sirs:

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

Our attached Financial Proposal is for the amount of {Indicate the corresponding to the amount(s) currency(ies)} {Insert amount(s) in words and figures}, excluding Value Added Tax (VAT) Clause 25.2 in the Data Sheet. {Please note that all amounts shall be the same as in Form FIN-2}.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal, i.e. before the date indicated in Clause 12.1 of the Data Sheet.

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

Name and Address of Agent(s)/Other party	Amount and Currency	Purpose of Commission or Gratuity
.....

{If no payments are made or promised, add the following statement: "No commissions, gratuities or fees have been or are to be paid by us to agents or any other party relating to this Proposal and, in the case of award, Contract execution."}

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

We remain,

Yours sincerely,

Authorized Signature (In full): _____
Name and Title of Signatory: _____
In the capacity of: _____
Address: _____
E-mail: _____



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



FORM FIN-2 SUMMARY OF COSTS

BILL OF QUANTITY (BOQ)

S.N.	Description of Work	Quantity	Unit	Rate(NPR)	Amount(NPR)	Amount In Words(NPR)	Remarks
1	Mobilization and Demobilization	1	Lumpsum				
2	Placement of GCPs along the route for LIDAR Survey including GNSS Survey at GCPs Location	10 No. (Minimum)	No.				
3	LIDAR Data Acquisition (Including legal procedures for permission)	40	km				
4	LIDAR Data Processing	40	km				
5	Orthophoto Processing	40	km				
6	Helicopter Hire	40	km				
7	Deliverables and Reporting	40	km				
			Total: -				
			13% VAT: -				
			Grand Total: -				

In Words:

FORM FIN-3 BREAKDOWN OF REMUNERATION

All Costs shall be filled up and shown in Bill of Quantities



Handwritten signature



FORM FIN-4 BREAKDOWN OF OTHER EXPENSES, PROVISIONAL SUMS AND CONTINGENCY

All Costs shall be filled up and shown in Bill of Quantities



Section 5. Eligible Countries

For the purpose of National shortlisting: "Nepal";



Section 6. Corrupt and Fraudulent Practices

The following text is for GoN funded assignment and shall not be modified. In case DP funded project use DP's policy on corrupt and fraudulent practices)

It is the GoN's policy to require its implementing agencies, as well as consultants under GoN (or DP) financed contracts, to observe the highest standard of ethics during the selection and execution of such contracts. In pursuance of this policy, the GoN:

- a. defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;
 - (ii) "fraudulent practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
 - (iii) "coercive practice" means 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;
 - (iv) "collusive practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party;
 - (v) "obstructive practice" means:
 - (aa) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede a GoN/DP investigation 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
 - (bb) acts intended to materially impede the exercise of the GoN's/DP's inspection and audit rights provided for under Clause GCC 25.2.
- b. will reject a proposal for award if it determines that the consultant recommended for award has engaged in corrupt or fraudulent activities in competing for the contract in question;
- c. will cancel the consultant's contract if it at any time determines that corrupt or fraudulent practices were engaged in by representatives of the consultant or the Client during the selection process or the execution of that contract;
- d. will blacklist a consultant for a stated period of time, to be awarded a contract if it at any time determines that the consultant has engaged in corrupt or fraudulent practices in competing for, or in executing, a contract; and
- e. will have the right to require that, a provision be included requiring consultants to permit the Client to inspect their accounts and records relating to the performance of the contract and to have them audited by auditors appointed by the Client.



Section 7. Terms of Reference

for LIDAR Survey of Dukuchhap – Sirutar - Nala Gumba – Lapsiphedi 220 kV Transmission Line for Preparation of Topographic Base Map using Very High- Resolution Aerial Orthophoto and LIDAR Data

1. Objectives of The Assignment

The main objective of this assignment is to prepare a very high-resolution aerial orthophoto and accurate 3D terrain surface model required for detailed planning, engineering design and works of Dukuchhap-Sirutar-Nala Gumba -Lapsiphedi 220 kV Transmission Line Project. Specific objectives of the assignment are:

1. Undertake aerial photography mission using the most appropriate platform (helicopter) mounted with high resolution camera to acquire very high resolution aerial photographs and dense point cloud LIDAR data of the project area.
2. Undertake post-processing of LiDAR data to produce very accurate classified point cloud along with Digital Surface Model/Digital Terrain Model (DSM/DTM) of 0.25m ground resolution or higher.
3. Undertake post-processing of aerial photo to produce very accurate aerial-orthophoto of GSD 10cm or higher.
4. Prepare very larger scale (at 1:1000 scale) Topographic Base Map and GIS database of the project area.

2. Project Information

The proposed Dukuchhap-Sirutar-Nala Gumba- Lapsiphedi 220 kV Transmission line is of 40 km length which passes through Lalitpur, Bhaktapur, Kavrepalanchok and Kathmandu District of Bagmati Province, Nepal.

The proposed transmission line alignment passes through Godawari Municipality and Mahalaxmi Municipality of Lalitpur District, Suryabinayak Municipality and Changunarayan Municipality of Bhaktapur District, Banepa Municipality of Kavrepalanchok District and Shankharapur Municipality of Kathmandu District.

The proposed substation locations of the project have been tabulated below: -

S.N.	Name of Substation	Latitude	Longitude
1	Dukuchhap	27°35'41.97"N	85°17'19.45"E
2	Sirutar	27°37'35.14"N	85°23'45.28"E
3	Nala Gumba	27°39'41.57"N	85°29'33.36"E
4	Lapsiphedi	27°45'7.19"N	85°30'31.08"E



Figure: Project Location Map

3. Scope of Work

The scope of work to achieve aforementioned objectives are as under:

1. To undertake aerial photography and LiDAR data acquisition mission, following works shall be undertaken:
 - Study and review of existing maps, details of the proposed project area and develop the flight mission and data acquisition plan in discussion with the project and the relevant authorities. The project will facilitate and coordinate with relevant authorities.
 - Acquire necessary permit/permission for installing aerial camera/LiDAR sensor pod in the helicopter platform and for undertaking the flight mission(s) from relevant authorities viz. Civil Aviation Authority of Nepal, Department of Survey and the Ministry of Home Affairs. The project will facilitate and coordinate with relevant authorities to acquire the flying and data acquisition permits.
 - Test and calibrate the aerial photography camera and LiDAR sensor as required for accurate data acquisition.
 - Establish ground control GNSS Base Stations, sufficiently covering the aerial data acquisition area with reference to the flight paths within 3-4 km distance range. The



GNSS base stations shall be established on known/identifiable benchmarks on the ground by the ground survey team and shall be connected to the National Control Network established by the Survey Dept or should be based on Universal Transverse Mercator (UTM) 45 N. The GNSS data shall be continuously recorded at appropriate time intervals throughout the LIDAR survey mission.

- Undertake flight mission(s) to acquire aerial photo and LiDAR point data following flight plan, weather conditions and with due consideration of necessary safety and security protocols.
 - Establish LIDAR validation ground check points along the LIDAR flight lines to test and assess the vertical accuracy of the LiDAR data. The validation check points will include DGPS RTK points established on bare ground surface to calibrate with LiDAR first pulse data. These check points shall be observed in and around the established GNSS base stations points established.
2. **To undertake the post-processing of LiDAR data to produce accurate classified point cloud, DSM and DTM, following works shall be undertaken:**
- Process the LiDAR raw data to generate georeferenced dense point cloud and classify/segment the point cloud adopting appropriate QA/QC steps using appropriate software.
 - Process the classified point clouds to generate Digital Surface Model (DSM) and bare earth Digital Terrain Model (DTM) at 0.25m or higher ground resolution.
 - Assess the accuracy of the generated DSM/DTM using the ground check points and validate the result.
 - Prepare accuracy assessment report with necessary details and technical parameters.
3. **To undertake the post-processing of aerial photographs to produce aerial-orthophoto, following works shall be undertaken:**
- Orthorectify the aerial photographs using the GCPs established and the DTM generated using the LiDAR data. The processing shall include appropriate aerial-triangulation method to generate highly accurate ortho-photos using appropriate digital photogrammetric software.
 - Process the ortho-rectified aerial photos to generate seamless ortho-photo mosaics. The processing may include colour balancing, radiometric corrections and other image enhancement techniques to generate seamless natural colour (RGB) image mosaic.
 - Prepare accuracy assessment report with necessary details and technical parameters.
4. **To undertake preparation of very large scale topographical base map, following tasks shall be undertaken:**



- Vectorization (or semi-automatic extraction) of ground features including roads, buildings, other structures, hydrography (river/streams, other water bodies), land cover, escarpment, embankment, land use designated for specific purpose etc.
- Ground verification and updating of the base map including attribute data collection through ground survey/observation works.
- Generation of detailed contours at the vertical intervals of 0.25m from the LIDAR DTM generated.
- Development of standard large scale Topographic Base Map GIS database.
- Preparation of Ortho-Photo and Topographical Base Map at the scale 1:1000 following standard cartography practice.
- Prepare accuracy assessment report with necessary details and technical parameters.

4. Required Technical Details and Specifications of Image and LIDAR

4.1 Required flight and acquisition parameters are:

LIDAR Point Density	Minimum 20 points per sq. m
Altitude (Flight Height)	300-700 m AGL
Aerial Photo GSD	10 cm
Side Overlap	40%
Instantaneous FOV	60°

4.2 Specifications for LiDAR Sensor

Appropriate LiDAR sensor shall be used with following technical specification or higher:

Range Measurement Performance	
Minimum Range	100 m
Accuracy/Precision	20 mm / 20 mm
Laser Pulse Repetition rate	Up to 1 MHz
Effective Measurement Rate	UP to 666 kHz@ 60° scan angle
Echo Signal Intensity	Provided for each echo signal
Laser Wavelength	Near infrared
Laser Beam Divergence	≥0.18 mrad @1/e ≤0.25 mrad @1/e ²
Scanner Performance	
Scanning Mechanism	Rotating polygon mirror
Scan Pattern	Parallel scan lines
Scan Angle range	± 30° = 60°
Total Scan rate	20-300 lines/sec
Angular Step Width Δ	0.006° ≤ Δ ≤ 0.18°
Angle Measurement Resolution	0.001°



4.3 Specifications for Aerial Camera Sensor

Aerial photo camera of appropriate specification or higher shall be used:

Sensor type	CMOS, 1000 megapixels (8272 x 6200 pixels, 5.5 x 5.3 µm)
Image Size	Still: RAW 3FR capture 65MB on average. TIFF 8 bit: 154MB
Colour definition: Colour management	16 bit: Dynamic range approx. 14 stops Natural Colour Solution
Capture rate	1.7-2.3 capture rate per second
Camera type	Large sensor medium format
Shutter Speed	60 mins to 1/2000 sec
Camera mount	Aerodynamic pod mounted along with LiDAR sensor

4.4 Aviation and Aircraft

The service provider shall use Nepal registered appropriate helicopter with installation of aerodynamic pod to mount both LiDAR and Aerial camera sensors. Required permit for the modification of the platform shall be acquired from CAAN. The aircraft shall be operated by experienced Nepalese pilot with preferably similar experiences in conducting LiDAR and aerial photo Acquisition mission in Nepal.

5. Reporting and Deliverables

Reporting and deliverables for this assignment are as under:

SN	Report & Deliverables	Timeline
1	Delivery 1: Inception report <ul style="list-style-type: none"> Detailed work plan and timetable Detailed Flight Mission Plan 	Within 7 days of commencement
2	Delivery 2: LiDAR and Orthophoto Acquisition Report <ul style="list-style-type: none"> LiDAR and Orthophoto Acquisition Report with Raw Data and Images including Flight Mission Report and GNSS Field Report 	Within 21 days of the assignment
3	Delivery 3: LiDAR and Aerial Ortho Photo Processing Report <ul style="list-style-type: none"> Classified LiDAR Point Cloud in "las" format in appropriate data tiles sizes. DSM, DEM and Intensity image @ 0.25m ground resolution in GeoTIFF format in appropriate data tiles sizes. Aerial Ortho Photo Images in RGB colour composition @ 10 cm ground resolution in GeoTIFF format in appropriate data tiles sizes. 	Within 2.25 months of the assignment
4	Delivery 5: Draft Reports and Base Map and Data <ul style="list-style-type: none"> Draft Topographical Base Map and GIS data (Base Maps at 1:1000 scale printed 	Within 1.5 months of the assignment

	in 3 copies) <ul style="list-style-type: none"> Accuracy assessment report 	
5	Delivery 5: Final Reports and Base Map and Data <ul style="list-style-type: none"> Final Topographical Base Map and GIS data (Base Maps at 1:1000 scale printed in 5 copies). Project report with methodology, outputs, data handling and usages recommendations and process. 	Within 2 months of the assignment

6. Time Schedule

The estimated time schedule for undertaking the works is of maximum 2 working months, which will also include time for acquitting necessary permits and permission from relevant authorities.

7. Team Composition

The assignment shall be undertaken by a team of experts and support staff consisting of following recommended personnel.

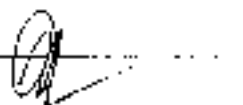
SN	Personnel	Number
1	Team Leader	1
2	Senior Surveyor/Geomatics Engineer	1
3	GIS/RS Expert	1
4	GNSS Surveyor	3
5	GNSS Survey Assistants	3
6	Supporting Staff	2

PART II

Section 8. Conditions of Contract and Contract Forms

Foreword

1. Part II includes standard Contract forms for Consulting Services (a Lump-Sum 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 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 outputs and milestones. Nevertheless, quality control of the Consultant's outputs by the Client is paramount.



STANDARD FORM OF CONTRACT

Consultant's Services

LUMP-SUM FORM OF CONTRACT



Contents

PART II	45
Section 8. Conditions of Contract and Contract Forms	51
Preface	56
I. Form of Contract	58
II. General Conditions of Contract	61
A. GENERAL PROVISIONS	61
1. Definitions	61
2. Relationship between the Parties	62
3. Law Governing Contract	62
4. Language	62
5. Headings	62
6. Communications	63
7. Location	63
8. Authority of Member in Charge	63
9. Authorized Representatives	63
10. Corrupt and Fraudulent Practices	63
B. COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT	63
11. Effectiveness of Contract	63
12. Termination of Contract for Failure to Become Effective	63
13. Commencement of Services	64
14. Expiration of Contract	64
15. Entire Agreement	64
16. Modifications or Variations	64
17. Force Majeure	64
18. Suspension	66
19. Termination	66
C. OBLIGATIONS OF THE CONSULTANT	68
20. General	68
21. Conflict of Interests	69
22. Conduct of Consultants	69
23. Confidentiality	70



24. Liability of the Consultant	70
25. Insurance to be Taken out by the Consultant	70
26. Accounting, Inspection and Auditing	70
27. Reporting Obligations	71
28. Proprietary Rights of the Client in Reports and Records	71
29. Equipment, Vehicles and Materials.....	71
D. CONSULTANT'S EXPERTS AND SUB-CONSULTANTS.....	72
30. Description of Key Experts	72
31. Replacement of Key Experts	72
32. Removal of Experts or Sub-consultants.....	72
E. OBLIGATIONS OF THE CLIENT	72
33. Assistance and Exemptions.....	72
34. Access to Project Site.....	73
35. Change in the Applicable Law Related to Taxes and Duties	73
36. Services, Facilities and Property of the Client.....	73
37. Counterpart Personnel	74
38. Payment Obligation	74
F. PAYMENTS TO THE CONSULTANT	74
39. Contract Price	74
40. Taxes and Duties.....	74
41. Currency of Payment	74
42. Mode of Billing and Payment.....	74
43. Retention.....	75
44. Interest on Delayed Payments	75
45. Liquidated Damages	76
G. FAIRNESS AND GOOD FAITH	76
46. Good Faith.....	76
H. SETTLEMENT OF DISPUTES.....	76
47. Amicable Settlement	76
48. Dispute Resolution.....	76
I. BLACKLISTING.....	76
49. Blacklisting.....	76
III. Special Conditions of Contract	78



IV.	Appendices	81
	Appendix A – Terms of Reference	81
	Appendix B – Key Experts.....	81
	Appendix C – Breakdown of Contract Price.....	81
	Appendix D - Form of Advance Payments Guarantee	81
	Appendix E – Medical Certificate.....	81
	Appendix F –Minutes of Negotiation Meetings	83



PREFACE

1. The standard Contract form consists of four parts: the Form of Contract to be signed by the Client and the Consultant, the General Conditions of Contract (GCC), the Special Conditions of Contract (SCC) and the Appendices.
2. The General Conditions of Contract shall not be modified. The Special Conditions of Contract that contain clauses specific to each Contract intend to supplement, but not over-write or otherwise contradict, the General Conditions.



CONTRACT FOR CONSULTANT'S SERVICES

Lump-Sum

Project Name,

Contract No.

between

[Name of the Client]

and

[Name of the Consultant]

Dated:



I. Form of Contract

LUMP-SUM

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

This CONTRACT (hereinafter called the "Contract") is made the *{number}* day of the month of *{month}*, *{year}*, between, on the one hand, *{name of Client}* (hereinafter called the "Client") and, on the other hand, *{name of Consultant}* (hereinafter called the "Consultant").

[Note: If the Consultant consist of more than one entity, the above should be partially amended to read as follows: "...(hereinafter called the "Client") 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 Client for all the Consultant's obligations under this Contract, namely, *{name of member}* and *{name of member}* (hereinafter called the "Consultant").]

WHEREAS

- (a) the Client has requested the Consultant to provide certain consulting services as defined in this Contract (hereinafter called the "Services");
- (b) the Consultant, having represented to the Client 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 Client has received [or has applied for] a loan [or grant or financing] from the Donor Agency toward the cost of the Services and intends to apply a portion of the proceeds of this [loan/grant/financing] to eligible payments under this Contract, it being understood that (i) payments by the Donor will be made only at the request of the Client and upon approval by the Donor; (ii) such payments will be subject, in all respects, to the terms and conditions of the [loan/grant/financing] agreement, including prohibitions of withdrawal from the [loan/grant/financing] account for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import, to the knowledge of the Donor, is prohibited by the decision of the United Nations Security Council taken under Chapter VI of the Charter of the United Nations; and (iii) no party other than the Client shall derive any rights from the [loan/grant/financing] agreement or have any claim to the [loan/grant/financing] proceeds;

[Note: Include Clause (c) only in case of donor-funded projects.]

NOW THEREFORE the parties hereto hereby agree as follows:

1. The following documents attached hereto shall be deemed to form an integral part of this Contract:
 - (a) The General Conditions of Contract;
 - (b) The Special Conditions of Contract;



- (c) Appendices: *[Note: If any of these Appendices are not used, the words "Not Used" should be inserted next to the title of the Appendix and on the sheet attached hereto carrying the title of that Appendix.]*

Appendix A:	Terms of Reference
Appendix B:	Key Experts
Appendix C:	Breakdown of Contract Price
Appendix D:	Form of Advance Payments Guarantee (Use only for donor-funded project only. Specify "Not Applicable" for GoN funded projects.)
Appendix E:	Medical Certificate
Appendix F:	Minutes of Negotiation Meetings

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; Appendix E and Appendix F.

Any reference to this Contract shall include, where the context permits, a reference to its Appendices.

2. The mutual rights and obligations of the Client and the Consultant shall be as set forth in the Contract, in particular:
- (a) the Consultant shall carry out the Services in accordance with the provisions of the Contract; and
 - (b) the Client shall make payments to the Consultant in accordance with the provisions of the Contract.

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

For and on behalf of *[Name of Client]*

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

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

[Authorized Representative of the Consultant – name and signature]

[Note: If the Consultants consist of more than one entity, all these entities should appear as signatories, e.g., in the following manner].

For and on behalf of each of the members of the Consultant

[Name of member]



[Authorized Representative]

[Name of member]

[Authorized Representative]

[add signature blocks for each member]

II. General Conditions of Contract

A. GENERAL PROVISIONS

<p>1. Definitions</p>	<p>1.1. Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:</p> <p>(a) "Applicable Guidelines" means the policies of the Development Partner (DP) governing the selection and Contract award process, in case of DP funded project.</p> <p>(b) "Applicable Law" means the laws and any other instruments having the force of law in Nepal as they may be issued and in force from time to time.</p> <p>(c) "Borrower (or Recipient or Beneficiary)" means the Government, Government agency or other entity that signs the financing (or loan/grant/project) agreement with the Development Partner.</p> <p>(d) "Client" means <i>(procuring entity/the implementing/ executing)</i> agency that signs the Contract for the Services with the Selected Consultant.</p> <p>(e) "Consultant" means a legally established professional consulting firm or entity selected by the Client to provide the Services under the signed Contract.</p> <p>(f) "Contract" means the legally binding written agreement signed between the Client and the Consultant and which includes all the attached documents listed in its paragraph 1 of the Form of Contract (i.e. General Conditions (GCC), the Special Conditions (SCC), and the Appendices).</p> <p>(g) "Day" means a working day unless indicated otherwise.</p> <p>(h) "Development Partner (DP)" means the country/institution funding the project as specified in the SCC.</p> <p>(i) "Effective Date" means the date on which this Contract comes into force and effect pursuant to Clause GCC 11.</p> <p>(j) "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.</p> <p>(k) "Foreign Currency" means any currency other than the currency of the Client's country.</p> <p>(l) "GCC" means these General Conditions of Contract.</p>
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	<p>(m) "Government" means the government of Nepal (GoN).</p> <p>(n) "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 Client for the performance of the Contract.</p> <p>(o) "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.</p> <p>(p) "Local Currency" means the currency of Nepal (NPR).</p> <p>(q) "Non Key Expert(s)" means an individual professional provided by the Consultant or its Sub-consultant to perform the Services or any part thereof under the Contract.</p> <p>(r) "Party" means the Client or the Consultant, as the case may be, and "Parties" means both of them.</p> <p>(s) "SCC" means the Special Conditions of Contract by which the GCC may be amended or supplemented but not over written.</p> <p>(t) "Services" means the work to be performed by the Consultant pursuant to this Contract, as described in Appendix A hereto.</p> <p>(u) "Sub-consultants" means an entity in whom/which the Consultant subcontracts any part of the Services while remaining solely liable for the execution of the Contract.</p> <p>(v) "Third Party" means any person or entity other than the Government, the Client, the Consultant or a Sub-consultant.</p>
2. Relationship between the Parties	2.1. Nothing contained herein shall be construed as establishing a relationship of master and servant or of principal and agent as between the Client and the Consultant. The Consultant, subject to this Contract, has complete charge of the Experts and Sub consultants, if any, performing the Services and shall be fully responsible for the Services performed by them or on their behalf hereunder.
3. Law Governing Contract	3.1. This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Applicable Law of Nepal.
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	<p>6.1. Any communication required or permitted to be given or made pursuant to this Contract shall be in writing in the language specified in Clause GCC 4. Any such notice, request or consent shall be deemed to have been given or made when delivered in person to an authorized representative of the Party to whom the communication is addressed, or when sent to such Party at the address specified in the SCC.</p> <p>6.2. A Party may change its address for notice hereunder by giving the other Party any communication of such change to the address specified in the SCC.</p>
7. Location	7.1. The Services shall be performed at such locations as are specified in Appendix A hereto and, where the location of a particular task is not so specified, at such locations, whether in the Government's country or elsewhere, as the Client may approve.
8. Authority of Member In Charge	8.1. In case the Consultant is a Joint Venture, the members hereby authorize the member specified in the SCC to act on their behalf in exercising all the Consultant's rights and obligations towards the Client under this Contract, including without limitation the receiving of instructions and payments from the Client.
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 Client or the Consultant may be taken or executed by the officials specified in the SCC.
10. Corrupt and Fraudulent Practices	10.1. The GoN/DP requires compliance with its policy in regard to corrupt and fraudulent/prohibited practices as set forth in Attachment 1 to the SCC.
a. Commissions and Fees	10.2 The Client requires the Consultant to disclose any commissions, gratuities or fees that may have been paid or are to be paid to agents 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 the other party, the amount and currency, and the purpose of the commission, gratuity or fee. Failure to disclose such commissions and gratuities may result in termination of the Contract.

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 Client'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	12.1. If this Contract has not become effective within such time period after the date of Contract's signature as specified in the SCC, either Party



to Become Effective	may, by not less than thirty (30) days written notice to the other Party, declare this Contract to be null and void, and in the event of such a declaration by either Party, neither Party shall have any claim against the other Party with respect hereto.
13. Commencement of Services	13.1 The Consultant shall confirm availability of Key Experts and begin carrying out the Services not later than the number of days after the Effective Date specified in the SCC.
14. Expiration of Contract	14.1. Unless terminated earlier pursuant to Clause GCC 19 hereof, this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC or such other time period as the Parties may agree in writing.
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	<p>17.1. For the purposes of this Contract, "Force Majeure" means an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible under the circumstances, and subject to those requirements, includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions, strikes, lockouts or other industrial action, confiscation or any other action by Government agencies.</p> <p>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.</p> <p>17.3. Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.</p>
b. No Breach of Contract	17.4. The failure of a Party to fulfill any of its obligations hereunder shall not be considered to be a breach of, or default under, this Contract insofar as such inability arises from an event of Force Majeure, provided



	<p>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.</p>
c. Measures to be Taken	<p>17.5. A Party affected by an event of Force Majeure shall take all reasonable measures to remove such Party's inability to fulfil its obligations hereunder with a minimum of delay.</p> <p>17.6. 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.</p> <p>17.7. 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 fifteen (15) 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.</p>
d. Extension of Time (EoT)	<p>17.8. 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.</p> <p>17.9. 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 Client, shall either:</p> <ul style="list-style-type: none"> (a) demobilize, in which case the Consultant shall be reimbursed for additional costs they reasonably and necessarily incurred, and, if required by the Client, in reactivating the Services; or (b) continue with the Services to the extent reasonably possible, in which case the Consultant shall continue to be paid under the terms of this Contract and be reimbursed for additional costs reasonably and necessarily incurred.
	<p>17.10. The Consultant shall submit an application to the Client for extension of time, stating the causes for delay with supporting evidence within 7 days before the expiry of the Contract completion date. The approval of EoT shall be subject to verification by the Client whether:</p> <ul style="list-style-type: none"> (a) the consultant has made the best possible efforts to complete the work in due time, (b) the facilities to be provided by the Client as per the contract to the Consultant was made in time or not, (c) the delay was as a result of Force Majeure or not.

<p>18. Suspension</p>	<p>18.1. The Client may, by written notice of suspension to the Consultant, suspend all payments to the Consultant hereunder if the Consultant fails to perform any of its obligations under this Contract, including the carrying out of the Services, provided that such notice of suspension (i) shall specify the nature of the failure, and (ii) shall request the Consultant to remedy such failure within a period not exceeding thirty (30) calendar days after receipt by the Consultant of such notice of suspension.</p>
<p>19. Termination</p>	<p>19.1 This Contract may be terminated by either Party as per provisions set up below:</p>
<p>a. By the Client</p>	<p>19.1.1 The Client may terminate this Contract in case of the occurrence of any of the events specified in paragraphs (a) through (e) of this Clause. In such an occurrence the Client 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 (e); and at least sixty (60) calendar days' written notice in case of the event referred to in (e):</p> <p>(a) If the Consultant fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension pursuant to Clause GCC 18 hereinabove, within thirty (30) days of receipt of such notice of suspension or within such further period as the Client may have subsequently approved in writing;</p> <p>(b) If the Consultant becomes (or, if the Consultant consists of more than one entity, if any of its members becomes) insolvent or bankrupt or enter into any agreements with their creditors for relief of debt or take advantage of any law for the benefit of debtors or go into liquidation or receivership whether compulsory or voluntary;</p> <p>(c) If the Consultant fails to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause GCC 48.1;</p> <p>(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;</p> <p>(e) If the Client, in its sole discretion and for any reason whatsoever, decides to terminate this Contract;</p> <p>(f) If the Consultant fails to furnish the professional liability insurance within 30 days from the date of signing of the contract agreement.</p> <p>19.1.2 Furthermore, if the Client determines that the Consultant has engaged in corrupt, fraudulent, collusive, coercive (or obstructive) practices, in competing for or in executing the Contract, then the Client may, after giving fifteen (15) calendar days written</p>



	notice to the Consultant, terminate the Consultant's employment under the Contract.
b. By the Consultant	<p>19.1.3 The Consultant may terminate this Contract, by not less than thirty (30) calendar days' written notice to the Client, in case of the occurrence of any of the events specified in paragraphs (a) through (d) of this Clause</p> <p>(a) If the Client fails to pay any money due to the Consultant pursuant to this Contract and not subject to dispute pursuant to Clauses GCC 48.1 within forty five (45) calendar days after receiving written notice from the Consultant that such payment is overdue.</p> <p>(b) If, as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) calendar days.</p> <p>(c) If the Client fails to comply with any final decision reached as a result of arbitration pursuant to Clause GCC 48.1.</p> <p>(d) If the Client 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 Client of the Consultant's notice specifying such breach.</p>
c. Cessation of Rights and Obligations	<p>19.1.4 Upon termination of this Contract pursuant to Clauses GCC 12 or GCC 19 hereof, or upon expiration of this Contract pursuant to Clause GCC 14, all rights and obligations of the Parties hereunder shall cease, except (i) such rights and obligations as may have accrued on the date of termination or expiration, (ii) the obligation of confidentiality set forth in Clause GCC 23, (iii) the Consultant's obligation to permit inspection, copying and auditing of their accounts and records set forth in Clause GCC 26, and (iv) any right which a Party may have under the Applicable Law.</p>
d. Cessation of Services	<p>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 Client, the Consultant shall proceed as provided, respectively, by Clauses GCC 28 or GCC 29.</p>
e. Payment upon Termination	<p>19.1.6 Upon termination of this Contract, the Client shall make the following payments to the Consultant:</p> <p>(a) payment for Services satisfactorily performed prior to the</p>



	<p>effective date of termination; and</p> <p>(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.</p>
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C. OBLIGATIONS OF THE CONSULTANT

20. General	
a. Standard of Performance	<p>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 Client, and shall at all times support and safeguard the Client's legitimate interests in any dealings with the third parties.</p> <p>20.2 The Consultant shall employ and provide such qualified and experienced Experts and Sub-consultants as are required to carry out the Services.</p> <p>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 Client. Notwithstanding such approval, the Consultant shall retain full responsibility for the Services.</p>
b. Law Applicable to Services	<p>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.</p> <p>20.5 Throughout the execution of the Contract, the Consultant shall comply with the import of goods and services prohibitions in the Client's country when</p> <ul style="list-style-type: none"> (a) as a matter of law or official regulations, Client's country 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 VII of the Charter of the United Nations, the Client's Country prohibits any import of goods from that country or any payments to any country, person, or entity in that country. <p>20.6 The Client shall notify the Consultant in writing of relevant local customs, and the Consultant shall, after such notification, respect such customs.</p>



<p>21. Conflict of Interests</p>	<p>21.1 The Consultant shall hold the Client's interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.</p>
<p>a. Consultant Not to Benefit from Commissions, Discounts, etc.</p>	<p>21.1.1 The payment of the Consultant pursuant to GCC F (Clauses GCC 39 through 45) shall constitute the Consultant's only payment in connection with this Contract and, subject to Clause GCC 21.1.3, the Consultant shall not accept for its own benefit any trade commission, discount or similar payment in connection with activities pursuant to this Contract or in the discharge of its obligations hereunder, and the Consultant shall use its best efforts to ensure that any Sub-consultants, as well as the Experts and agents of either of them, similarly shall not receive any such additional payment.</p> <p>21.1.2 Furthermore, if the Consultant, as part of the Services, has the responsibility of advising the Client on the procurement of goods, works or services, the Consultant shall comply with any applicable procurement guidelines as per the prevailing Public Procurement Act and Regulations of the GoN[or of the Donors/funding agencies) and shall at all times exercise such responsibility in the best interest of the Client. Any discounts or commissions obtained by the Consultant in the exercise of such procurement responsibility shall be for the account of the Client.</p>
<p>b. Consultant and Affiliates Not to Engage in Certain Activities</p>	<p>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 services (other than the Services and any continuation thereof) for any project resulting from or closely related to the Services.</p>
<p>c. Prohibition of Conflicting Activities</p>	<p>21.1.4 The Consultant shall not engage, and shall cause their Personnel as well as its Sub-consultants and their Personnel not to engage, either directly or indirectly, in any of the following activities:</p> <ul style="list-style-type: none"> a. during the term of this Contract, any business or professional activities in Nepal which would conflict with the activities assigned to them under this Contract; and b. after the termination of this Contract, such other activities as may be specified in the SCC
<p>d. Strict Duty to Disclose Conflicting Activities</p>	<p>21.1.5 The Consultant has an obligation and shall ensure that its Personnel 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 Client, or that may reasonably be perceived as having this effect. Failure to disclose said situations may lead to the termination of its Contract.</p>
<p>22. Conduct of</p>	<p>22.1 The Consultant shall be responsible to fulfill his obligations as per the requirement of the Contract Agreement, RFP documents and GoN's</p>

<p>Consultants</p>	<p>Procurement Act and Regulations.</p> <p>22.2 The consultant shall not carry out or cause to carry out the following acts with an intention to influence the implementation of the procurement process or the contract agreement:</p> <ul style="list-style-type: none"> (i) give or propose improper inducement directly or indirectly, (ii) distortion or misrepresentation of facts (iii) engaging or being involved in corrupt or fraudulent practice (iv) interference in participation of other prospective consultants, (v) coercion or threatening directly or indirectly to impair or harm, any party or the property of the party involved in the procurement proceedings, (vi) collusive practice among consultants before or after submission of proposals for distribution of works among consultants or fixing artificial/uncompetitive proposal price with an intention to deprive the Client the benefit of open competitive proposal price. (vii) contacting the Client with an intention to influence the Client with regards to the proposals or interference of any kind in examination and evaluation of the proposals during the period after opening of proposals up to then notification of award of contract
<p>23. Confidentiality</p>	<p>23.1 The Consultants, their Sub-consultants, and the Personnel of either of them shall not, either during the term or within two (2) years after the expiration of this Contract, disclose any proprietary or confidential information relating to the Project, the Services, this Contract, or the Client's business or operations without the prior written consent of the Client.</p>
<p>24. Liability of the Consultant</p>	<p>24.1 Subject to additional provisions, if any, set forth in the SCC, the Consultant's liability under this Contract shall be as determined under the Applicable Law.</p>
<p>25. Insurance to be Taken out by the Consultant</p>	<p>25.1 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 Client, insurance against the risks, and for the coverage specified in the SCC, and (ii) at the Client's request, shall provide evidence to the Client showing that such insurance has been taken out and maintained and that the current premiums therefore have been paid. The Consultant shall ensure that such insurance is in place prior to commencing the Services as stated in Clause GCC 13.</p> <p>25.2 The Consultant shall take out and maintain professional liability insurance within 30 days of signing of the contract agreement.</p>
<p>26. Accounting.</p>	<p>26.1 The Consultant shall keep, and shall make all reasonable efforts to</p>



<p>Inspection and Auditing</p>	<p>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.</p> <p>26.2. The Consultant shall permit and shall cause its Sub-consultants to permit, the Client/DP and/or persons appointed by the Client/DP 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 Client/DP if requested by the Client/DP. The Consultant's attention is drawn to Clause GCC 10 which provides, inter alia, that acts intended to materially impede the exercise of the Client/DP's inspection and audit rights provided for under this Clause GCC26.2 constitute a prohibited practice subject to contract termination.</p>
<p>27. Reporting Obligations</p>	<p>27.1 The Consultant shall submit to the Client 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.</p>
<p>28. Proprietary Rights of the Client in Reports and Records</p>	<p>28.1 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 Client in the course of the Services shall be confidential and become and remain the absolute property of the Client. The Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to the Client, 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 Client.</p> <p>28.2 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 Client's prior written approval to such agreements, and the Client 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.</p>
<p>29. Equipment, Vehicles and Materials</p>	<p>29.1 Equipment, vehicles and materials made available to the Consultant by the Client, or purchased by the Consultant wholly or partly with funds provided by the Client, shall be the property of the Client and shall be marked accordingly. Upon termination or expiration of this Contract, the Consultant shall make available to the Client an inventory of such equipment, vehicles and materials and shall dispose of such equipment, vehicles and materials in accordance with the Client's instructions. While in possession of such equipment, vehicles and materials, the Consultant, unless otherwise instructed by the Client in writing, shall insure them at the expense of the Client in an amount equal to their full replacement value.</p>



	29.2 Any equipment or materials brought by the Consultant or its Experts into the Client's country for the use either for the project or personal use shall remain the property of the Consultant or the Experts concerned, as applicable.
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D. CONSULTANT'S EXPERTS AND SUB-CONSULTANTS

30. Description of Key Experts	30.1 The title, agreed job description, minimum qualification and time-input estimates to carry out the Services of each of the Consultant's Key Experts are described in Appendix B .
31. Replacement of Key Experts	31.1 Except as the Client may otherwise agree in writing, no changes shall be made in the Key Experts. 31.2 Notwithstanding the above, the substitution of Key Experts during Contract execution may be considered only based on the Consultant's written request and due to circumstances outside the reasonable control of the Consultant, including but not limited to death or medical incapacity. In such case, the Consultant shall forthwith provide as a replacement, a person of equivalent or better qualifications and experience, and at the same rate of remuneration.
32. Removal of Experts or Sub-consultants	32.1 If the Client 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 Client determine that Consultant's Expert or Sub-consultant have engaged in corrupt, fraudulent, collusive, coercive [or obstructive] practice while performing the Services, the Consultant shall, at the Client's written request, provide a replacement. 32.2 In the event that any of Key Experts or Sub-consultants is found by the Client to be incompetent or incapable in discharging assigned duties, the Client, specifying the grounds therefore, may request the Consultant to provide a replacement. 32.3 Any replacement of the removed Experts or Sub-consultants shall possess better qualifications and experience and shall be acceptable to the Client. 32.4 The Consultant shall bear all costs arising out of or incidental to any removal and/or replacement of such Experts.

E. OBLIGATIONS OF THE CLIENT

33. Assistance and Exemptions	33.1 Unless otherwise specified in the SCC, the Client 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.
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	<p>(b) Assist the Consultant with promptly obtaining, for the Experts and, if appropriate, their eligible dependents, all necessary entry and exit visas, residence permits, exchange permits and any other documents required for their stay in the Client's country while carrying out the Services under the Contract.</p> <p>(c) Facilitate prompt clearance through customs of any property required for the Services and of the personal effects of the Experts and their eligible dependents.</p> <p>(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.</p> <p>(e) Assist the Consultant and the Experts and any Sub-consultants employed by the Consultant for the Services with obtaining exemption from any requirement to register or obtain any permit to practice their profession or to establish themselves either individually or as a corporate entity in the Client's country according to the applicable law in the Client's country.</p> <p>(f) Assist the Consultant, any Sub-consultants and the Experts of either of them with obtaining the privilege, pursuant to the applicable law in the Client's country, of bringing into the Client's country reasonable amounts of foreign currency for the purposes of the Services or for the personal use of the Experts and of withdrawing any such amounts as may be earned therein by the Experts in the execution of the Services.</p> <p>(g) Provide to the Consultant any such other assistance as may be specified in the SCC.</p>
<p>34. Access to Project Site</p>	<p>34.1 The Client 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 Client 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.</p>
<p>35. Change in the Applicable Law Related to Taxes and Duties</p>	<p>35.1 If, after the date of this Contract, there is any change in the applicable law in the Client's country with respect to taxes and duties which increases or decreases the cost incurred by the Consultant in performing the Services, then the remuneration and reimbursable expenses otherwise payable to the Consultant under this Contract shall be increased or decreased accordingly by agreement between the Parties hereto, and corresponding adjustments shall be made to the ceiling amounts specified in Clause GCC 39.1.</p>
<p>36. Services, Facilities and</p>	<p>36.1 The Client shall make available to the Consultant and the Experts,</p>



Property of the Client	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 .
37. Counterpart Personnel	<p>37.1 The Client shall make available to the Consultant free of charge such professional and support counterpart personnel, to be nominated by the Client with the Consultant's advice, if specified in Appendix A.</p> <p>37.2 If counterpart personnel are not provided by the Client to the Consultant as and when specified in Appendix A, the Client and the Consultant shall agree on (i) how the affected part of the Services shall be carried out, and (ii) the additional payments, if any, to be made by the Client to the Consultant as a result thereof pursuant to Clause GCC 39.2</p> <p>37.3 Professional and support counterpart personnel, excluding Client's liaison personnel, shall work under the exclusive direction of the Consultant. If any member of the counterpart personnel fails to perform adequately any work assigned to such member by the Consultant that is consistent with the position occupied by such member, the Consultant may request the replacement of such member, and the Client shall not unreasonably refuse to act upon such request.</p>
38. Payment Obligation	38.1 In consideration of the Services performed by the Consultant under this Contract, the Client shall make such payments to the Consultant for the deliverables specified in Appendix A and in such manner as is provided by GCC F below.

F. PAYMENTS TO THE CONSULTANT

39. Contract Price	<p>39.1 The Contract price is fixed and is set forth in the SCC. The Contract price breakdown is provided in Appendix C.</p> <p>39.2 Any change to the Contract price specified in Clause 39.1 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.</p>
40. Taxes and Duties	40.1 The Consultant, Sub-consultants and Experts are responsible for meeting any and all tax liabilities arising out of the Contract.
41. Currency of Payment	41.1 Any payment under this Contract shall be made in the currency (ies) specified in the SCC .
42. Mode of Billing and Payment	42.1 The total payments under this Contract shall not exceed the Contract price set forth in Clause GCC 39.1.
	<p>42.2 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.</p> <p>42.2.1 <i>Advance payment:</i> Unless otherwise indicated in the SCC,</p>



an advance payment shall be made against an advance payment bank guarantee acceptable to the Client 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 Client shall have approved in writing. The advance payments will be set off by the Client in equal portions against the lump-sum instalments specified in the SCC until said advance payments have been fully set off.

42.2.2 The Lump-Sum Instalment Payments. The Client shall pay the Consultant within sixty (60) days after the receipt by the Client of the deliverables; and the cover invoice for the related lump-sum instalment payment. The payment can be withheld if the Client does not approve the submitted deliverable(s) as satisfactory in which case the Client shall provide comments to the Consultant within the same sixty (60) days period. The Consultant shall thereupon promptly make any necessary corrections, and thereafter the foregoing process shall be repeated.

42.2.3 The Final Payment. The final payment under this Clause shall be made only after the final report have been submitted by the Consultant and approved as satisfactory by the Client. The Services shall then be deemed completed and finally accepted by the Client. The last lump-sum instalment shall be deemed approved for payment by the Client within ninety (90) calendar days after receipt of the final report by the Client unless the Client, 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 thereafter the foregoing process shall be repeated.

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

42.2.5 With the exception of the final payment under 42.2.3 above, payments do not constitute acceptance of the whole Services nor relieve the Consultant of any obligations hereunder.

43. Retention

43.1. The Client shall retain from each payment due to the Consultant the proportion stated in the SCC until Completion of the whole of the Works.

43.2. One half the total amounts retained shall be repaid to the Consultant at the time of the payment of the Final Bill pursuant to GCC Clause 42.2.3 and the remaining half shall be paid to the consultant within 15 days after submission of document issued by the concerned Internal Revenue Office that the consultant has submitted his Income Returns.

44. Interest on Delayed

44.1. If the Client had delayed payments beyond fifteen (15) days after



Payments	the due date stated in Clause SCC 42.2.2, interest shall be paid to the Consultant on any amounts due by, not paid on, such due date for each day of delay at the annual rate stated in the SCC.
45. Liquidated Damages	45.1. The Consultant shall pay liquidated damages to the Client at the rate per day stated in the SCC for each day that the completion of services is later than the Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the SCC. Beyond this limit the contract may be terminated by the Client. The Client may deduct liquidated damages from any payments due to the Consultant. Payment of liquidated damages shall not affect the Consultant's liabilities.

G. FAIRNESS AND GOOD FAITH

46. Good Faith	46.1 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.
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H. SETTLEMENT OF DISPUTES

47. Amicable Settlement	<p>47.1 The Parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or the interpretation thereof.</p> <p>47.2 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 fifteen (15) days after receipt. If that Party fails to respond within fifteen (15) days, or the dispute cannot be amicably settled within fifteen (15) days following the response of that Party, Clause SCC 48.1 shall apply.</p>
48. Dispute Resolution	48.1 Any dispute between the Parties arising under or related to this Contract that cannot be settled amicably within thirty (30) days after receipt by one party of the other Party's request for such amicable settlement may be referred to by either Party to the adjudicator/arbitration in accordance with the provisions specified in the SCC.

I. BLACKLISTING

49. Blacklisting	<p>49.1 Without prejudice to any other right of the Client under this Contract, Public Procurement Monitoring Office may blacklist a Consultant for his conduct up to three years on the following grounds and seriousness of the act committed by the consultant:</p> <ul style="list-style-type: none"> a) if it is proved that the consultant committed acts pursuant to SCC 22.2, b) if the Consultant fails to sign an agreement pursuant to Information to Consultants Clause 29.3, c) if it is proved later that the Consultant has committed
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	<p>substantial defect in implementation of the contract or has not substantially fulfilled his obligations under the contract or the completed work is not of the specified quality as per the contract,</p> <ul style="list-style-type: none">d) if convicted by a court of law in a criminal offence which disqualifies the consultant from participating in the assignment.e) if it is proved that the contract agreement signed by the Consultant was based on false or misrepresentation of consultant's qualification information,f) if the consultant fails to submit the professional liability insurance within the period stipulated in the contract. <p>49.2 A Consultant declared blacklisted and ineligible by the Public procurement Office, and or concerned Donor Agency in case of donor funded project, shall be ineligible to participation the selection process during the period of time determined by the PPMU, and or the concerned donor agency.</p>
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III. Special Conditions of Contract

Number of GC Clause	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
6.1 and 6.2	<p>The addresses are:</p> <p>Client: NEA ENGINEERING COMPANY LIMITED Attention: Chirantan Bikram Rana Facsimile: 01-5111024 Email: chirantan.rana@neaec.com.np</p> <p>Consultant: _____ _____</p> <p>Attention: _____</p> <p>Facsimile: _____</p> <p>E-mail (where permitted) : _____</p>
8.1	Not Applicable
9.1	<p>The Authorized Representatives are:</p> <p>For the Client: Chirantan Bikram Rana, Team Leader</p> <p>For the Consultant: [name, title] _____</p>
12.1	<p>Termination of Contract for Failure to Become Effective:</p> <p>The time period shall be one(1) Month</p>
13.1	<p>Commencement of Services:</p> <p>The number of days shall be Seven (7) days from the Contract Agreement</p>
14.1	<p>Expiration of Contract:</p> <p>The time period shall be Three(3) months (including report preparation and submission) from the commencement day .</p>



21 b.	The Client reserves the right to determine whether the Consultant should be disqualified from providing goods, works or non-consulting services due to a conflict of a nature described in Clause GCC 21.1.3
24.1	<p>“Limitation of the Consultant’s Liability towards the Client:</p> <p>(a) Except in the case of gross negligence or willful misconduct on the part of the Consultant or on the part of any person or a firm acting on behalf of the Consultant in carrying out the Services, the Consultant, with respect to damage caused by the Consultant to the Client’s property, shall not be liable to the Client:</p> <p>(i) for any indirect or consequential loss or damage; and</p> <p>(ii) for any direct loss or damage that exceeds (A) the total payments for professional fees and reimbursable expenditures made or expected to be made to the Consultants hereunder, or (B) the proceeds the Consultants may be entitled to receive from any insurance maintained by the Consultants to cover such a liability, whichever of (A) or (B) is higher;</p> <p>(b) This limitation of liability shall not</p> <p>(i) affect the Consultant’s liability, if any, for damage to Third Parties caused by the Consultant or any person or firm acting on behalf of the Consultant in carrying out the Services;</p> <p>(ii) be construed as providing the Consultant with any limitation or exclusion from liability which is prohibited by the Applicable Law of the Client’s country.</p>
25.1	<p>The insurance coverage against the risks shall be as follows:</p> <p>Not Applicable</p>
28.2	None
33.1(g)	Client shall provide all available Documents to the Consultant related to the Scope of Work/Project
42.2	<p><u>The Payment Schedule:</u></p> <p>First Payment: Eighty (30) % after submission of the Inception Report</p> <p>Second Payment: Eighty (50) % after submission of the Draft Report</p> <p>Final Payment: Twenty (20) % After submission of the final report and</p>



	approved by client
42.2.1	Advance payment: Not Applicable
42.2.4	The accounts are:
43.1	The proportion of payments retained is: 5% of each payment
44.1	The interest rate is: <i>Not Applicable</i>
45.1	The liquidated damage is: 0.05%per day. The maximum amount of liquidated damages is: 10% of the sum stated in the Agreement.
48.	Arbitration shall be conducted in accordance with Nepal Arbitration Act



IV. Appendices

APPENDIX A – TERMS OF REFERENCE

AS PER ATTACHED TOR

APPENDIX B - KEY EXPERTS

AS PER ATTACHED FORM TECH-6

APPENDIX C – BREAKDOWN OF CONTRACT PRICE

A PER ATTACHED FORM FIN-2 SUMMARY OF COSTS

APPENDIX D - FORM OF ADVANCE PAYMENTS GUARANTEE

NOT APPLICABLE

APPENDIX E – MEDICAL CERTIFICATE



NOT APPLICABLE



APPENDIX F – MINUTES OF NEGOTIATION MEETINGS
APPLICABLE IF REQUIRED

