BIDDING DOCUMENT

for

The Procurement of *Supply and Delivery of Fully Galvanized Channels, Stay, ACSR Conductor and Insulators*

National Competitive Bidding (NCB)
Single-Stage: Two Envelope (1S2E) Bidding Procedure

Nepal Electricity Authority

Karnali Province Office

Surkhet

Issued on: 21 November 2026

Issued to: All Eligible Bidders

Invitation for Bids No.: **NEA_*KPO/2083/084-Line Materials-01***

NCB No.: NEA_KPO/2083/084-Line Materials-01

Contract Identification No.: NEA_KPO/2083/084-Line Materials-01

Abbreviations

BDS..... Bid Data Sheet
DP ……. Development Partner
EQC ..... Evaluation and Qualification Criteria
e-GP …… Electronic Government Procurement
ELI …… Eligibility
EQC …… Evaluation and Qualification Criteria
EXP ……..…….. Experience
FIN ……..…….. Financial
GCC ..... General Conditions of Contract
GoN[1] ..... Government of Nepal
ICC..... International Chamber of Commerce
IFB ..... Invitation for Bids
ITB ..... Instructions to Bidders
JV ……..Joint Venture
LGRS ..... List of Goods and Related Services
LIT ……Litigation
NCB ……. National Competitive Bidding
NPR ……...Nepalese Rupees
PAN ……. Permanent Account Number
PPMO ……...Public Procurement Monitoring Office
PS……...Provisional Sum
SBD..... Standard Bidding Document
SCC……. Special Conditions of Contract
SR ..... Schedule of Requirements
TS..... Technical Specifications
USD …….. United States Dollar
VAT …… Value Added Tax

[1] "GoN" word indicates all public entities according to Public Procurement Act, 2063

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Invitation for Bids

Nepal Electricity Authority
Karnali Province Office
Birendranagar, Surkhet
E-bid Only

Date of publication: 21st Nov 2026 (5th Mangshir 2083)
Invitation for Bids No: NEA_KPO/2083/084-Line Materials-01

1. ***NEA, Karnali Province Office*** has allocated fund towards the cost of ***Supply and Delivery of Fully Galvanized Channels, Stay, ACSR Conductor and Insulators*** and intends to apply part of the funds to cover eligible payments under the Contract for ***NEA_KPO/2083/084-Line Materials-01: "Supply and Delivery of Fully Galvanized Channels, Stay, ACSR Conductor and Insulators".*** Bidding is open to all eligible Bidders as defined in ***Eligible Nepali Bidders.***

2. ***NEA, Karnali Province Office*** invites ***electronic*** bids from eligible bidders for the procurement of ***Supply and Delivery of Fully Galvanized Channels, Stay, ACSR Conductor and Insulators*** under National competitive bidding – Single Stage Two Envelope procedures***.***

3. Under the Single Stage, Two Envelope Procedure, Bidders are required to submit simultaneously two separate sealed envelopes, one containing (i) the Technical Bid and the other (ii) the Price Bid, both in turn enclosed in one sealed envelope as per the provision of ITB 23 of the Bidding Document.

4. Eligible Bidders may obtain further information and inspect the bidding documents at the office of NEA KARNALI PROVINCE OFFICE, SUBBHAKUNA, BIRENDRANAGAR, SURKHET ***Phone No.: 083-520322 and email address:karnali@nea.org.np*** or may visit PPMO eGP system ***www.bolpatra.gov.np/egp.***

5. A complete *set* of Bidding Documents may be purchased from the office NEA KARNALI PROVINCE OFFICE, SUBBHAKUNA, BIRENDRANAGAR, SURKHET by eligible Bidders on the submission of a written application, along with the copy of company/firm registration certificate, and upon payment of a non-refundable fee of ***NPR 5000.00*** till **10th Dec 2026 (24th Mangshir 2083** during office hours in the account as specified below.

Information to deposit the cost of bidding document in Bank:

Name of the Bank: **Nabil Bank Ltd**
Name of Office: NEA, Karnali Province Office
Account Name: **NEA, Karnali Pradesh Pradeshik Karyalay (Self)**
Office Account no.: **00201017505547**



or

Bidders who choose to submit their bid electronically may download the bidding documents for e-submission from PPMO's e-GP system www.bolpatra.gov.np/egp at no cost.

6. Pre-bid meeting shall not be held.

7. Electronic bids must be submitted through PPMO's e-GP system www.bolpatra.gov.np/egp **on or before 12:00** Hrs on **11th Dec 2026 (25th Mangshir 2083)** Bids received after this deadline will be rejected.

8. The bids will be opened in the presence of Bidders' representatives who choose to attend **at 14:00 Hrs on 11th Dec 2026 (25th Mangshir 2083)** at the office of ***NEA, KARNALI PROVINCE OFFICE, SURKHET***. Bids must be valid for a period of ***90 days*** from the bid submission deadline and must be accompanied by a bid security or scanned copy of the bid security in pdf format in case of e-bid, amounting to a minimum of NPR***. 9,81,000.00 (Nine Lakhs and Eighty One Thousands Only)***, which shall be valid for 30 days beyond the validity period of the bid **(i.e.11th April 2027).**

9. If the last date of purchasing and /or submission falls on a public holiday[2] applicable to purchaser, then the next working day shall be considered as the last date. In such case the validity period of the bid and bid security shall remain the same as specified for the original last date of bid submission.

[2] In case of electronic bid invitation, purchaser shall extend the deadline as required in the e-GP system.

Part 1: BIDDING PROCEDURES

Section I. Instructions to Bidders

This section specifies the procedures to be followed by Bidders in the preparation and submission of their Bids. Information is also provided on the submission, opening, and evaluation of bids and on the award of contract.

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Section I: Instructions to Bidders (ITB)

A. General

1. Scope of Bid	1.1 In connection with the Invitation for Bids ***indicated in the Bid Data Sheet (BDS),*** the Purchaser **as *indicated in the BDS*** issues this Bidding Document for the supply of Goods and Related Services incidental thereto as specified in Section V, Schedule of Requirements. The name, identification, and number of contracts (packages/lots) are ***indicated in BDS***. 1.2 Throughout this Bidding Document: (a) the term "in writing" means communicated in written form through e-GP system, email, fax or courier with proof of receipt; (b) if the context so requires, singular means plural and vice versa; and (c) "day" means calendar day.
2. Source of Funds	2.1 GoN Funded: In accordance with its annual program and budget, approved by the GoN, the Purchaser intends to apply a portion of the allocated budget to eligible payments under the contract(s) ***indicated in the BDS*** for which this Bidding Document is issued. Or DP Funded: The GoN has applied for or received financing (hereinafter called "funds") from the Development Partner (hereinafter called "the DP") ***indicated in the BDS*** toward the cost of the project ***named in the BDS***. The GoN intends to apply a portion of the funds to eligible payments under the contract(s) for which this Bidding Document is issued. 2.2 DP Funded: Payment by the DP will be made only at the request of the GoN and upon approval by the DP in accordance with the terms and conditions of the financing agreement between the GoN and the DP (hereinafter called the "Loan Agreement"), and will be subject in all respects to the terms and conditions of that Loan Agreement. No party other than the GoN shall derive any rights from the Loan Agreement or have any claim to the funds.

3. Fraud and Corruption	3.1 Purchasers as well as Bidders, suppliers and contractors and their sub-contractors shall adhere to the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this: (a) the Purchaser adopts, for the purposes of this provision, the terms as defined below: (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 (a) deliberately destroying, falsifying, altering, or concealing of evidence material to an investigation; (b) making false statements to investigators in order to materially impede an investigation; (c) failing to comply with requests to provide information, documents, or records in connection with an investigation; (d) 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 (e) materially impeding GoN/DP's contractual rights of audit or access to information; and (vi) "integrity violation" is any act which violates Anticorruption Policy, including (i) to (v) above and the following: abuse, conflict of interest, violations of GoN/DP sanctions, retaliation against whistleblowers or witnesses, and other violations of Anticorruption Policy, including failure to adhere to the highest ethical standard. (b) the Purchaser will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through

	an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations in competing for the contract; (c) DP will cancel the portion of the financing allocated to a contract if it determines at any time that representative(s) of the GoN or of a beneficiary of DP-financing engaged in corrupt, fraudulent, collusive, or coercive practices or other integrity violations during the procurement or the execution of that contract, without the GoN having taken timely and appropriate action satisfactory to DP to remedy the situation. (d) DP will impose remedial actions on a firm or an individual, at any time, in accordance with DP's Anticorruption Policy and related Guidelines (as amended from time to time), including declaring ineligible, either indefinitely or for a stated period of time, to participate in DP-financed, -administered, or -supported activities or to benefit from an DP-financed, -administered, or -supported contract, financially or otherwise, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations; and (e) The Supplier shall permit the GoN/DP to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the GoN/DP, if so required by the GoN/DP.
	3.2 The Bidder 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 procurement agreement: (a) give or propose improper inducement directly or indirectly, (b) distortion or misrepresentation of facts, (c) engaging in corrupt or fraudulent practice or involving in such act, (d) interference in participation of other competing bidders, (e) coercion or threatening directly or indirectly to cause harm to the person or the property of any person to be involved in the procurement proceedings, (f) collusive practice among bidders before or after submission of bids for distribution of works among bidders or fixing artificial/uncompetitive bid price with an intention to deprive the Purchaser the benefit of open competitive bid price, (g) Contacting the Purchaser with an intention to influence the

	Purchaser with regards to the bids or interference of any kind in examination and evaluation of the bids during the period from the time of opening of the bids until the notification of award of contract.
	3.3 PPMO, on the recommendation of the Purchaser, may blacklist a Bidder for a period of one (1) to three (3) years for its conduct including on the following grounds and seriousness of the act committed by the bidder: (a) if convicted by a court of law in a criminal offence which disqualifies the Bidder from participating in the contract, (b) if it is established that the contract agreement signed by the Bidder was based on false or misrepresentation of Bidder's qualification information, (c) if it at any time determines that the firm has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for, or in executing, a GoN/DP-financed contract. (d) if the Successful Bidder fails to sign the Contract. (e) a Bidder requests for withdrawal or modification of its bid: (i) after the Bid Submission deadline and during the period of validity specified by the Bidder on the Letter of Technical Bid and Price Bid, in case of electronic submission; (ii) from the period twenty-four hours prior to bid submission deadline up to the period of bid validity specified by the Bidder on the Letter of Technical Bid and Price Bid, in case of hard copy submission. (f) if the bidder does not provide clarifications of its Bid by the date and time set in the Purchaser's request for clarification pursuant to ITB 29.1. (g) a Bidder changes the prices or substance of the bid while providing information pursuant to ITB 29.1.
	3.4 A bidder declared blacklisted and ineligible by the GoN, Public Procurement Monitoring Office (PPMO) and/or the DP in case of DP funded project, shall be ineligible to bid for a contract during the period of time determined by the GoN, PPMO, the competent authority, and/or the DP including credit information bureau of Nepal for failure to repay a loan disbursed by a bank or financial institution.
	3.5 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 bidder.
	3.6 Furthermore, Bidders shall be aware of the provisions of GCC 34.1(c).
4. Eligible Bidders	4.1 A Bidder, and all parties constituting the Bidder, shall have nationality from an eligible country, except as specified in the **BDS.** 4.2 A Bidder may be a natural person, private entity, government-owned entity (subject to ITB 4.5) or any combination of them with a formal intent to enter into an agreement or under an existing agreement in the form of a Joint Venture (JV). Maximum number of partners in JV shall be as **specified in BDS**. In the case of a JV: (a) all parties to the JV shall be jointly and severally liable; and (b) a JV shall nominate a representative who shall have the authority to conduct all businesses for and on behalf of any and all the parties of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution. 4.3 A Bidder shall not have a conflict of interest. Any Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in this bidding process if, including but not limited to: (a) have controlling shareholders in common; (b) receive or have received any direct or indirect subsidy from any of them; (c) have the same legal representative for purposes of this Bid; (d) have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Purchaser regarding this bidding process; (e) a Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which it is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more

than one bid; or

(f) a Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the goods and services that are the subject of the bid.

(g) a Bidder that has a close business or family relationship with a professional staff of the Purchaser.

4.4 A Bidder that is under a declaration of ineligibility by the GoN/DP in accordance with ITB 3.4, at the date of the deadline for bid submission or thereafter, shall be disqualified. The list of debarred firms is available at the electronic address **specified in the BDS**.

4.5 A GoN-owned enterprise may also participate in the bid if it is legally and financially autonomous, it operates under commercial law, and it is not dependent agency of the Purchaser.

4.6 Bidders shall provide such evidence of their continued eligibility satisfactory to the Purchaser, as the Purchaser shall reasonably request.

4.7 Firms shall be excluded in any of the cases, if

a. 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 prohibits any import of goods or contracting of works or services from that country or any payments to persons or entities in that country.
b. DP Funded: as a matter of law or official regulation, GoN prohibits commercial relations with that country, provided that the DP is satisfied that such exclusion does not preclude effective competition for the supply of goods or related services required;
c. DP Funded: a firm has been determined to be ineligible by the DP in relation to their guidelines or appropriate provisions on preventing and combating fraud and corruption in projects financed by them.

4.8 The domestic Bidder who has obtained Permanent Account Number (PAN) and Value Added Tax (VAT) registration certificate(s) and Tax clearance certificate or proof of submission of tax return or evidence of time extension from the Inland Revenue Office shall only be eligible. The foreign bidder submitting the documents ***indicated in the BDS*** at the time of bid submission and a declaration to submit the document(s) ***indicated in the BDS*** at the time of

	contract agreement shall only be eligible. 4.9 In case a prequalification process has been conducted prior to the bidding process, this bidding is open only to prequalified Bidders.
5. Eligible Goods and Related Services	5.1 All goods and related services to be supplied under the contract are eligible, unless their origin is from a country ***specified in the BDS***. 5.2 For purposes of this clause, "origin" means the place where the goods are mined, grown, cultivated, manufactured, processed or produced, or through manufacture, processing, or assembly, another commercially recognized goods or product results that differs substantially in its basic characteristics from its imported or the place from which the related services are supplied. 5.3 The nationality of the firm/Bidder that produces, assembles, distributes, or sells the goods shall not determine their origin.
6. Site Visit	6.1 For goods contracts requiring installation/ commissioning/ networking or similar services at site, the Bidder, at the Bidder's own responsibility and risk, is encouraged to visit and examine the Site and obtain all information that may be necessary for preparing the Bid and entering into a contract for the supply of goods and related services. 6.2 The Bidder should ensure that the Purchaser is informed of the visit in adequate time to allow it to make appropriate arrangements. 6.3 The costs of visiting the Site shall be at the Bidder's own expense.

B. Contents of Bidding Document

7. Sections of the Bidding Document	7.1 The Bidding Document consist of Parts 1, 2, and 3, which include all the Sections indicated below, and should be read and construed in conjunction with any Addenda issued in accordance with ITB 9. **PART 1 Bidding Procedures** Section I. Instructions to Bidders (ITB) Section II. Bid Data Sheet (BDS) Section III. Evaluation and Qualification Criteria (EQC) Section IV. Bidding Forms

	PART 2 Supply Requirements Section V. Schedule of Requirements (SR) **PART 3 Conditions of Contract and Contract Forms** Section VI. General Conditions of Contract (GCC) Section VII. Special Conditions of Contract (SCC) Section VIII. Contract Forms 7.2 The Purchaser will reject any Bid submission (in case of hard copy submission) if the Bidding Document was not purchased directly from the Purchaser, or through its assigned office as stated in the invitation for bids or has not deposited.. 7.3 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Document as well as in Amendments, if any, failure to furnish all information or documentation required by the Bidding Document may result in the rejection of the Bid. 7.4 The Invitation for Bids issued by the Purchaser is not part of the Bidding Document
8. Clarification of Bidding Document/Pre-bid meeting	8.1 A prospective Bidder requiring any clarification of the Bidding Document shall contact the Purchaser in writing at the Purchaser's address ***indicated in the BDS*** or raise any question or curiosity during the pre-bid meeting if provided for in accordance with ITB 8.2. The Purchaser will respond in writing to any request for clarification, provided that such request is received within the time limit ***specified in the BDS*** prior to the deadline for submission of Bids. The Purchaser shall forward copies of its response to all Bidders who have acquired the Bidding Document directly from it, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Document as a result of a clarification, it shall do so following the procedure under ITB 9 and ITB 24.2. 8.2 The purchaser may organize a pre-bid meeting of Bidders at least ten (10) days before the deadline for submission of Bids at the place, date, and time as ***specified in the BDS*** to provide information relating to Bidding Documents, Technical specifications and the like matters.

	Should the purchaser deem it necessary to amend the Bidding Document as a result of a clarification, it shall do so following the procedure under ITB 9 and ITB 24.2.
9. Amendment of Bidding Document	9.1 At any time prior to the deadline for submission of the Bids, the Purchaser may amend the Bidding Document by issuing addenda. 9.2 Any addendum issued shall be part of the Bidding Document and shall be communicated in writing to all who have obtained the Bidding Document directly from the Purchaser. 9.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Purchaser may, at its discretion, extend the deadline for the submission of the Bids, pursuant to ITB 24.2. However, the time available to submit bids shall not be less than five (5) days since amendment in bidding document.

C. Preparation of Bids

10. Cost of Bidding	10.1 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
11. Language of Bid	11.1 The Bid, as well as all correspondence and documents relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in the language ***specified in the BDS***. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language ***specified in the BDS***, in which case, for purposes of interpretation of the Bid, such translation shall govern.
12. Documents Comprising the Bid	12.1 The Bid shall comprise two envelopes submitted simultaneously, one called the Technical Bid containing the documents listed in ITB 12.2 and the other the Price Bid containing the documents listed in ITB 12.3, both envelopes enclosed together in an outer single envelope. 12.2 The Technical Bid shall comprise the following: (a) Letter of Technical Bid;

	(b) Bid Security in accordance with ITB 21; (c) alternative technical bids, at Bidder's option and if permissible, in accordance with ITB 14; (d) written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB 22; (e) documentary evidence in accordance with ITB 17 establishing the Bidder's eligibility to bid; (f) documentary evidence in accordance with ITB Clauses 18 and 31, that the Goods and Related Services conform to the Bidding Document; (g) documentary evidence in accordance with ITB 19 establishing the Bidder's qualifications to perform the contract if its Bid is accepted; and (h) any other required documents, which is not against the provision of Procurement Act/Regulation/Directives and Standard Bidding Document issued by PPMO, ***required in the BDS.*** 12.3 The Price Bid submitted by the Bidder shall comprise the following: (i) Letter of Price Bid and the applicable Price Schedules, in accordance with ITB 13, ITB 15, and ITB 16; (j) alternative Price Bid corresponding to the alternative Technical Bid, if permissible, in accordance with ITB 14; and (k) any other document **required in the BDS**. 12.4 The Bidder is solely responsible for the authenticity of the submitted documents. 12.5 The Technical Bid shall not include any financial information related to the Price Bid. A Technical Bid containing such material financial information shall be declared non-responsive.
13. Letters of Bid and Price Schedules	13.1 The Bidder shall submit the Letter of Technical Bid and Letter of Price Bid using the form furnished in Section IV, Bidding Forms. These forms must be completed without any alterations to their format, and no substitutes shall be accepted. All blank spaces shall

	be filled in with the information requested. 13.2 The Bidder shall submit, as part of the Price Bid, the Price Schedules for Goods and Related Services, according to their origin as appropriate, using the forms furnished in Section IV, Bidding Forms.
14. Alternative Bids	14.1 Unless otherwise ***indicated in the BDS***, alternative bids shall not be considered.
15. Bid Prices and Discounts	15.1 The prices and discounts quoted by the Bidder in the Letter of Price bid and in the Price Schedules shall conform to the requirements specified below. 15.2 The Bidder shall complete the appropriate Price Schedule and the sources of Goods schedules included herein, stating the unit prices, total cost per item, the total Bid amount, and the expected countries of origin of the Goods to be supplied under the contract. 15.3 Prices quoted in the Price Schedules shall be included the cost of goods, other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the item, the customs duties, transportation cost up to final delivery, insurance cost, unloading, and any other cost for (incidental) services, if any, related to the delivery of goods. All risks and responsibilities up to the final destination including installation and commissioning of Goods, if applicable, shall be borne by the Supplier. All items in the Schedule of Requirements must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. Items not listed in the Price Schedule shall be assumed not to be included in the Bid, and provided that the Bid is substantially responsive, the corresponding adjustment shall be applied in accordance with ITB 38.3. Unit rates and prices for all items in the Schedule of Requirements shall be expressed in positive values. If unit rates and prices are expressed in negative values, the bid will be rejected. 15.4 Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account, unless otherwise ***specified in the BDS***. A Bid submitted with an adjustable price quotation shall be treated as non-responsive and shall be rejected, pursuant to ITB **31**. However, if in ***accordance with the BDS***, prices quoted by the Bidder shall be

	subject to adjustment during the performance of the Contract, a Bid submitted with a fixed price quotation shall not be rejected, but the price adjustment shall be treated as zero. 15.5 The Bidder's separation of price components in accordance with ITB 15.2 above will be solely for the purpose facilitating the comparison of bids by the Purchaser and will not in any way limit the Purchaser's right to contract on any of the terms offered. 15.6 The price to be quoted in the Letter of Price Bid shall be the total price of the Bid excluding any discounts offered. Absence of the total bid price in the Letter of Price Bid may result in the rejection of the Bid. 15.7 If the Bidder intends to offer any unconditional discount, it shall always be expressed in fixed percentage and that shall not vary as the quantity varies and be applicable to each unit rate. The discount and methodology for its application shall be quoted in Letter of Price Bid. 15.8 If so indicated in ITB 1.1, Bids are being invited for individual contracts (lots) or for any combination of contracts (packages). Bidders wishing to offer any price discount for the award of more than one Contract shall specify in their Price Bids the price discount applicable to each package, or alternatively, to individual Contracts within the package. Price discounts shall be submitted in accordance with ITB 15.7, provided the Price Bids for all lots are submitted and opened at the same time.
16. Currencies of Bid	16.1 All Prices shall be quoted in Nepalese Rupees.
17. Documents Establishing the Eligibility of the Bidder	17.1 To establish their eligibility in accordance with ITB 4, Bidders shall: (a) complete the eligibility declarations in the Letter of Technical Bid and Letter of Price Bid, included in Section IV, Bidding Forms; and (b) if the Bidder is an existing or intended JV in accordance with ITB 4.2, submit a copy of the JV Agreement, or a letter of intent to enter into such an Agreement. The respective document shall be signed by all legally authorized signatories of all the parties to the existing or intended JV, as appropriate.

	(c) submit the copy of the documents as ***specified in Section III, Evaluation and Qualification Criteria***.
18. Documents Establishing the Conformity of the Goods and Related Services to the Bidding Document	18.1 To establish the conformity of the Goods and Related Services to the Bidding Document, the Bidder shall furnish as part of its Technical Bid the documentary evidence that the Goods and Related Services conform to the requirements specified in Section V, Schedule of Requirements. 18.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item-by-item description of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to those requirements, and if applicable, a statement of deviations and exceptions to the provisions of Section V, Schedule of Requirements. 18.3 The Bidder shall also furnish a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period **specified in the BDS** following commencement of the use of the goods by the Purchaser. 18.4 Standards for workmanship, process, material, and equipment, as well as references to brand names or catalogue numbers specified by the Purchaser in the Section V, Schedule of Requirements, are intended to be descriptive only and not restrictive. The Bidder may offer other standards of quality, brand names, and/or catalogue numbers, provided that it demonstrates, to the Purchaser's satisfaction, that the substitutions ensure substantial equivalence or are superior to those specified in Section V, Schedule of Requirements.
19. Documents Establishing the Qualifications of the Bidder	19.1 To establish its qualifications to perform the Contract, the Bidder shall submit as part of its Technical Proposal the evidence indicated for each qualification criteria specified in Section III (Evaluation and Qualification Criteria). The documentary evidence of the Bidder's qualifications to perform the contract, if its bid is accepted, shall establish to the Purchaser's satisfaction that the Bidder meets each of the qualification criterion specified.

	19.2 If so ***required in the BDS***, a Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods in Nepal and take care of the warranty provided. 19.3 If so ***required in the BDS***, a Bidder that does not conduct business within Nepal shall submit evidence that it will be represented by an Agent in Nepal equipped and able to carry out the Supplier's maintenance, repair and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications. 19.4 A foreign Bidder wishing to have or already having a local agent shall state the following: a. Name and address of the Agent/Representative, b. The Agent/Representative providing type of services, c. Amount of commission if the Agent/Representative is entitled to get such payment and if it participates in the procedure of payment, d. Other agreement with Agent/Representative, if any, e. Bidder shall certify in the Letter of Authorization as follows: "We certify that the statement and disclosure made by us on the above are complete and true to the best of our knowledge and belief", If the agent has not been appointed: a. Source of information about tender invitation, b. The remuneration given to the individual or firm/company or organization to work on its behalf for submitting tender, representation in the bid opening and other required action in connection with the tender, c. Transfer or handover evidence of foreign currency exchanged which required to be submitted with the tender, d. If the bank account of any Nepali citizen has been used for the exchange of foreign currency specify the name of the individual and his address. If the foreign currency has been

	exchanged by self, then the certificate of currency exchange. 19.5 If a foreign Bidder in its Bid, has not provided the information mentioned in ITB 19.4 or has submitted its bid stating that the Bidder does not have a local agent and later it is proved that the bidder has a local agent or it is proved that the commission mentioned in the Bid is less than the commission received by the local agent then the Purchaser shall initiate proceedings to blacklist such bidder in accordance with ITB 3.3.
20. Period of Validity of Bids	20.1 Bid shall remain valid for a period ***specified in the BDS.*** The bid validity period shall start from the bid submission deadline as prescribed by the Purchaser in accordance with ITB 24.1. If the prescribed bid submission deadline date falls on a public holiday applicable to the Purchaser, then the next working day shall be considered as the bid submission deadline date. In such case the validity period of the bids shall be considered from the original bid submission deadline date. In the case of electronic bid submission, if any technical issue arises in the handling of the e-GP system, the PPMO may extend the deadline for bid submission. However, the validity period of the bids shall still be counted from the original bid submission deadline. A bid valid for a shorter period shall be rejected by the purchaser as nonresponsive. 20.2 In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB 21, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its Bid and to include any additional conditions against the provisions specified in Bid Documents.
21. Bid Security	21.1 The Bidder shall furnish as part of its bid, in original form a Bid Security as ***specified in the BDS***. In case of e-submission of bid, the Bidder shall upload scanned copy of Bid security letter at the time of electronic submission of the bid. The Bidder accepts that the scanned copy of the Bid security shall, for all purposes, be equal to the original. The details of original Bid Security and the scanned copy submitted with e-bid should be the same otherwise the bid shall

	be non-responsive. 21.2 If a bid security is specified pursuant to ITB 21.1, the bid security shall be a demand guarantee in any of the following forms at the Bidder's option: a. original copy of an unconditional bank guarantee from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law or; b. original copy of cash deposit voucher in the Purchaser 's Account as specified in BDS. In case of a bank guarantee, the Bid Security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms or in another form acceptable to the purchaser. The form must include the complete name of the Bidder. The Bid Security shall be valid for minimum thirty (30) days beyond the end of the validity period of the bid, or beyond any period of extension if requested under ITB 20.2. A bid security valid for a shorter period shall be rejected by the Purchaser as nonresponsive. The bid security issued by any foreign Bank outside Nepal must be counter guaranteed by a Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal. 21.3 If a bid Security is required in accordance with ITB 21.1, any Bid not accompanied by an enforceable and substantially compliant Bid Security in accordance with ITB 21.2, shall be rejected by the Purchaser as nonresponsive. In case of e- Submission, if the scanned copy of an acceptable bid security letter is not uploaded with the electronic bid then bid shall be rejected. 21.4 The Purchaser shall return the bid securities except those that are to be forfeited as per ITB 21.5 to the respective bidders within three (3) days after the successful bidder has furnished the required performance security and signed the Contract Agreement pursuant, to ITB 43.1 and ITB 44.1. 21.5 The Bid Security may be forfeited in occurrence any of the following:

	(a) a Bidder requests for withdrawal or modification of its bid, except as provided in ITB 20.2 (i) during the period of bid validity specified by the Bidder on the Letter of Technical Bid and Letter of Price Bid, in case of electronic submission; (ii) from the period twenty-four hours prior to bid submission deadline up to the period of bid validity specified by the Bidder on the Letter of Technical Bid and Letter of Price Bid, in case of hard copy submission. (b) a Bidder changes the prices or substance of the bid while providing information pursuant to ITB 29.1; (c) a Bidder involves in fraud and corruption pursuant to ITB 3.1; (d) the successful Bidder fails to: (i) furnish a performance security in accordance with ITB 43.1; or (ii) sign the Contract in accordance with ITB 44.1; or (iii) accept the correction of arithmetical errors pursuant to ITB 36. 21.6 The Bid Security of a JV must be in the name of the JV that submits the bid. If the JV has not been legally constituted at the time of bidding, the Bid Security shall be in the names of all future partners as named in the letter of intent mentioned in ITB 17.1 (b).
22. Format and Signing of Bid	22.1 The Bidder shall prepare one original set of the Technical Bid and one original set of the Price Bid as described in ITB 12 and clearly mark each "ORIGINAL - TECHNICAL BID" and "ORIGINAL - PRICE BID". Alternative bids, if permitted in accordance with ITB 14, shall be clearly marked "ALTERNATIVE". In addition, the Bidder shall submit copies of the Technical Bid and the Price Bid, in the number specified in the BDS and clearly mark them "COPY NO… - TECHNICAL BID" and "COPY NO…. - PRICE BID". In the event of any discrepancy between the original and the copies, the original shall prevail. In case of e-submission of bid, the Bidder shall submit his bid

	electronically in PDF or online forms files as specified in ITB Clause 23.1(b). If a Bidder submits both the electronic bid and a bid in hard copy within the bid submission deadline, then the submitted Bids shall be accepted for evaluation provided that the facts and figures in hard copy confirm to those in electronic bid. If there is any major discrepancy in fact and figures in the electronic bid and bid in hard copy, it shall be treated as two separate bids from one Bidder and both the Bids shall be disqualified, as per ITB Clause 4.3 (e). 22.2 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. This authorization shall consist of a written confirmation as ***specified in the BDS*** and shall be attached to the Bid. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the bid, except for un amended printed literature, shall be signed or initialed by the person signing the bid. 22.3 Any amendments such as interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.

D. Submission and Opening of Bids

23. Sealing and Marking of Bids	23.1 Unless otherwise **specified in BDS**, Bidders shall submit their bids by electronic or by mail/ by hand/ by courier. Procedures for submission, sealing and marking are as follows: (a) Bidders submitting bids by mail, by hand or by Courier shall enclose the original of the Technical Bid, and the original of the Price Bid and each copy of the Technical Bid and Price Bid, including alternative bids, if permitted in accordance with ITB 14, in separate sealed envelopes, duly marking the envelopes as **"ORIGINAL TECHNICAL BID", "ORIGINAL – PRICE BID", "ALTERNATIVE" and "COPY No…. – TECHNICAL BID" and "COPY NO…. PRICE BID"** as appropriate. These envelopes containing the original and the copies shall then be enclosed in one single envelope.

(b) Bidders submitting Bids electronically shall follow the electronic bid submission procedure specified in this clause.

i. The bidder is required to register in the e-GP system https://www.bolpatra.gov.np/egp following the procedure specified in e-GP guideline.

ii. Interested bidders may either purchase the bidding document from the Purchaser's office as specified in the Invitation for Bid (IFB) or bidders may download the IFB and bidding document from e-GP system.

iii. The registered bidders need to maintain their profile data required during preparation of bids.

iv. The bidder can prepare their technical and price bids using data and documents maintained in bidder's profile and forms/format provided in bidding document by Purchaser. The bidder may submit bids as a single entity or as a joint venture. The bidder submitting bid in joint venture shall have to upload joint venture agreement along with partner(s) Bolpatra ID provided during bidder's registration.

v. Bidders (all partners in case of JV) should update their profile data and documents required during preparation and submission of their technical bids.

vi. In case of bid submission in JV, the consent of the partners shall be obtained through the confirmation link sent to the registered email address and the partners shall have to acknowledge their confirmation.

The required forms and documents shall be part of technical bids.

No.	Document	Requirement	Remarks
1.	Letter of Technical Bid	Mandatory	PDF
2.	Bid Security/Bank Guarantee	Mandatory	PDF
3.	Firm or Company registration Certificate	Mandatory	PDF
4.	VAT and PAN	Mandatory	PDF

			registration Certificate	**(**for domestic bidders only**)**		
		5.	Business Registration Licence (Certificate)	Mandatory	PDF	
		6.	Tax Clearance Certificate/Tax return submission evidence/evidence of time extension	Mandatory **(**for domestic bidders only**)**	PDF	
		7.	Power of Attorney of Bid signatory	Mandatory	PDF	
		8.	Joint venture agreement	Mandatory in case of JV Only	PDF	
		9.	Qualification Documents	Mandatory	PDF	
		10.	Technical Specification	Mandatory	PDF or Online Forms	
		11.	Delivery and Completion Schedule	Mandatory	PDF or Online Forms	
		12.	Additional documents specified in ITB 12.2 (h)	Mandatory (If any)	PDF	

The required forms and documents shall be part of price bids.

No.	**Document**	**Requirement**	**Remarks**
1.	Letter of Price Bid	Mandatory	PDF
2.	Completed Price Schedule	Mandatory	PDF/Online Forms

3.	Price Adjustment Table	Mandatory (If applicable)	PDF/Online Forms	
4.	Additional Documents specified in ITB 12.3 (c)	Mandatory (If any)	PDF	

Note:

a) The documents specified as "Mandatory" should be included in e-submission and non-submission of the documents shall be considered as non-responsive bid.

b) Bidders (all partners in case of JV) should verify/update their profile documents as appropriate for the specific bid before submitting their bid electronically.

vii. After providing all the details and documents, two separate bid response documents i.e technical bids and price bids will be generated from the system. Bidders are advised to download and verify the response documents prior to bid submission.

viii. For verifying the authentic user, the system will send one time password (OTP) in the registered e-mail address of the bidder. System will validate the OTP and allow bidder to submit their bid.

ix. Electronically submitted bids can be modified and/or withdrawn through system. The bidder may modify their bids multiple times online within bid submission date and time specified in e-GP system. Once a Bid is withdrawn, bidder won't be able to submit another bid response for the same bid.

x. The Bidder / Bid shall meet the following requirements and conditions for e-submission of bids;

aa) The e-submitted bids must be readable through PDF reader.

bb) The facility for submission of bid electronically through e-submission is to promote transparency, non-discrimination, equality of access, and open competition in the bidding process. The Bidders are fully responsible to use the e- submission facility properly in e-GP system as per specified procedures

	and in no case the Purchaser shall be held liable for Bidder's inability to use this facility. cc) When a bidder submits electronic bid through the PPMO e-GP portal, it is assumed that the bidder has prepared the bid by studying and examining the complete set of the Bidding documents including specifications, drawings, and conditions of contract. 23.2 The inner and outer envelopes shall: (a) bear the name and address of the Bidder; (b) be addressed to the Purchaser in accordance with ITB 24.1; and (c) bear the specific identification of this bidding process indicated in BDS 1.1. 23.3 The outer envelope and the inner envelope containing Technical Proposal shall bear a warning not to open before the time and date for the opening of Technical Bid in accordance with ITB 27.1. 23.4 The inner envelope containing the Price Bid shall bear a warning not to open until advised by the Purchaser in accordance with ITB 27.7 23.5 If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.
24. Deadline for Submission of Bids	24.1 Bids must be received by the Purchaser at the address and no later than the date and time ***indicated in the BDS***. In case of e-submission, the standard time for e-submission is Nepal Standard Time as set out in the server. The e-procurement system will accept the e-submission of bid from the date of publishing of notice and will automatically not allow the e-submission of bid after the deadline for submission of bid. 24.2 The Purchaser may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Document in accordance with ITB 9, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.
25. Late Bids	25.1 The Purchaser shall not consider any Bid - Technical or Price -

	that arrives after the deadline for submission of Bids, in accordance with ITB 24. Any Bid received by the Purchaser after the deadline for submission of Bids shall be declared late, rejected, and returned unopened to the Bidder.
26. Withdrawal, or Modification of Bids	26.1 A bidder may withdraw, or modify its bid after it has been submitted either in hard copy or by e-Submission. Once a Bid is withdrawn, bidder shall not be able to submit another bid for this bidding process. Procedures for withdrawal or modification of submitted bids are as follows: (i) Bids submitted in hard Copy **GoN Funded:** Bidders may withdraw or modify its bids by sending a written notice in a sealed envelope, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB 22.2 before 24 hours prior to the last deadline of submission of bid. The corresponding modification of the bid must accompany the respective written notice. All notices must be: (a) prepared and submitted in accordance with ITB 22 and ITB 23, and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL", "MODIFICATION;" and (b) received by the Purchaser 24 hours prior to the deadline prescribed for submission of bids, in accordance with ITB 24. **DP Funded:** A Bidders may withdraw or modify its Bid – Technical or Price – after it has been submitted by sending a written notice, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB 22.2. The corresponding modification of the Bid must accompany the respective written notice. All notices must be (a) prepared and submitted in accordance with ITB 22 and ITB 23, and in addition, the respective envelopes shall be clearly marked "WITHDRAWAL," and "MODIFICATION;" and (b) received by the Purchaser prior to the deadline prescribed for submission of Bids, in accordance with ITB 24. E-submitted bids. (ii) E-Submitted Bids Bidder may submit modification or withdrawal prior to the deadline prescribed for submission of bids through e-GP system

	by using the forms and instructions provided by the system. Once a Bid is withdrawn, bidder shall not able to submit another bid for the same bid. 26.2 Bids requested to be withdrawn in accordance with ITB 26.1 (i) shall be returned unopened to the Bidders after the end of bid opening process. 26.3 The following provisions apply for withdrawal or modification of the Bids: **GoN Funded** (i) In case of bids submitted in hard copy no bid shall be withdrawn or modified in the interval between 24 hours prior time of the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Letter of Bid or any extension thereof. (ii) In case of e-submitted bids no bids shall be withdrawn or modified in the interval between deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the bid submission form or any extension thereof. **DP Funded** No Bid may be withdrawn or modified in the interval between the deadline for submission of Bids and the expiration of the period of bid validity specified by the Bidder on the Letters of Technical Bid and Price Bid or any extension thereof. 26.4 Except in case of any modification or correction in bid document made by Purchaser, Bidder may submit request for withdrawal or modification only one time. 26.5 In case of hard copy bid, no bid may be withdrawn if the bid has already been modified; except in case of any modification or correction in bid document by Purchaser. 26.6 Request for withdrawal or modification must be made through the same medium of submission. Request for withdrawal or modifications through different medium shall not be considered.
27.Bid Opening	27.1 The Purchaser's bid opening committee shall conduct the opening of Technical Bids in public in the presence of bidder or its

	representative who choose to attend at the address, date and time specified in the **BDS**. The Price Bids will remain unopened and will be held in custody of the Purchaser until the specified time of their opening. If the Technical Bid and Price Bid are submitted together in one envelope, the Purchaser shall reject the Bid . 27.2 The opening committee shall download the e-submitted Technical Bid files. The e-procurement system allows the Purchaser to download the e-submitted Technical Bid files (report) only after bid opening date and time after login simultaneously by two members of the Bid Opening Committee. 27.3 Electronically submitted Technical Bid shall be opened at first in the same time and date as *specified above*. Electronic Bids shall be opened one by one and read out. The e-submitted Technical Bids must be readable through open standards interfaces. Unreadable and or partially submitted bid files shall be considered incomplete. 27.4 Before opening the bids, the **opening committee** shall separate the envelopes of the bids received after the deadline of bid submission, the envelopes containing an application given for WITHDRAWAL, MODIFICATION of bids and the envelopes of bids duly registered. The bids received after the deadline of submission shall be returned to the concerned bidder unopened. Then envelopes marked "WITHDRAWAL" shall be opened first, read out, and recorded, and the envelope containing the corresponding Bid shall not be opened, but returned to the Bidder. If the withdrawal notice is not accompanied by a copy of the valid authorization pursuant to ITB 22.2, the withdrawal shall not be permitted and the corresponding Bid will be opened. Next, envelopes marked "MODIFICATION" shall be opened, read out, and recorded with the corresponding Bid. No Bid shall be modified unless the corresponding Modification Notice contains a valid authorization to request the modification and is read out and recorded at bid opening. Only envelopes that are opened, read out, and recorded at bid opening shall be considered further. Price Bids, both Original and Modification, will remain unopened in accordance with ITB 27.1. 27.5 All other envelopes holding the Technical Bid shall be opened one at a time, and the following read out and recorded: the name of the Bidder; whether there is a modification; the presence of a Bid Security, and any other details as the Purchaser may consider

	appropriate. Only Technical Bids read out and recorded at bid opening shall be considered for evaluation. No Bid shall be rejected at bid opening except for late bids, in accordance with ITB 25.1. 27.6 The opening committee shall prepare a record of the opening of Technical Bids that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, or modification; and the presence or absence of a Bid Security. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record. A copy of the record shall be distributed to all Bidders who submitted bids in time, and posted online when electronic bidding is permitted. The Bidders' representatives who are present shall also be requested to sign an attendance sheet. 27.7 At the end of the evaluation of the Technical Bids, the purchaser will invite bidders who have submitted substantially responsive Technical Bids and who have been determined as being qualified for award to attend the opening of the Price Bids. The date, time, and location of the opening of Price Bids will be advised in writing by the purchaser. Bidders shall be given at least 7 days' notice for the opening of Price Bids. 27.8 The purchaser will notify Bidders in writing who have been rejected on the grounds of their Technical Bids being substantially nonresponsive to the requirements of the Bidding Document and return their Price Bids unopened. 27.9 The purchaser shall conduct the opening of Price Bids of all Bidders who submitted substantially responsive Technical Bids, in the presence of Bidders` representatives who choose to attend at the address, on the date, and time specified by the Purchaser. The Bidder's representatives who are present shall be requested to sign a register evidencing their attendance. 27.10 All envelopes containing Price Bids shall be opened one at a time and the following read out and recorded: (a) the name of the Bidder; (b) whether there is a modification; (c) the Bid Prices, including any discounts and alternative

	offers; and (d) any other details as the purchaser may consider appropriate. Only Price Bids, discounts, modifications, and alternative offers read out and recorded during the opening of Price Bids shall be considered for evaluation. No Bid shall be rejected at the opening of Price Bids. 27.11 The purchaser shall prepare a record of the opening of Price Bids that shall include, as a minimum, the name of the Bidder, the Bid Price (per lot/package if applicable), any discounts, modifications and alternative offers. The Bidders' representatives who are present shall be requested to sign the record. The omission of a Bidder's signature on the record shall not invalidate the contents and effect of the record.

E. Evaluation and Comparison of Bids

28.Confidentiality	28.1 Information relating to the examination, evaluation, comparison, and post-qualification of Bids, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until publication of the Contract award; thereafter, information will be disclosed in accordance with ITB 42.1. 28.2 Any attempt by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post-qualification of the Bids or Contract award decisions may result in the rejection of its Bid. 28.3 Notwithstanding ITB 28.2, from the time of bid opening to the time of Contract award, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, it should do so in writing.
29.Clarification of Bids	29.1 To assist in the examination, evaluation, comparison and post-qualification of the Technical and Price Bids, the Purchaser may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder with regard to its Bid and that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the prices or substance of the Technical Bid or prices in the Price Bid shall be sought,

	offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the evaluation of the Bids, in accordance with ITB 36. In case of e-submission of bid, upon notification from the purchaser, the bidder shall also submit the original of documents comprising the Technical and Price Bids as per ITB 12.2 and ITB 12.3 for verification of submitted documents for acceptance of the e-submitted bid. 29.2 If a Bidder does not provide clarifications of its Bid by the date and time set in the purchaser's request for clarification, its Bid shall be rejected.
30.Deviations, Reservations , and Omissions	30.1 During the evaluation of bids, the following definitions apply: (a) "Deviation" is a departure from the requirements specified in the Bidding Document; (b) "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document; and (c) "Omission" is the failure to submit part or all of the information or documentation required in the Bidding Document.
31. Examination of Technical Bid	31.1 The purchaser shall examine the Technical Bid to confirm that all documents and technical information requested in ITB 12.2 have been submitted. If any of these documents or information (except alternative Technical Bid which is optional) is missing, the bid shall be rejected. 31.2 In case of e-submission bids, the Purchaser shall confirm that all the documents and information requested in ITB 23.1 have been submitted. If any of these documents or information is missing, the bid shall be rejected.
32.Determination of Responsiveness Of Technical Bid	32.1 The Purchaser's determination of the responsiveness of a Bid is to be based on the contents of the Technical Bid itself, as defined in ITB 12.2. 32.2 A substantially responsive Technical Bid is one that meets the requirements of the Bidding Document without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that,

	(a) if accepted, would: (i) affect in any substantial way the scope, quality, or performance of the Goods and Related Services specified in Section V, Schedule of Requirements; or (ii) limits in any substantial way, inconsistent with the Bidding Document, the Purchaser's rights or the Bidder's obligations under the proposed Contract; or (b) if rectified, would unfairly affect the competitive position of other Bidders presenting substantially responsive bids. 32.3 The Purchaser shall examine the technical aspects of the bid in particular, to confirm that all requirements of Section V, Schedule of Requirements have been met without any material deviation or reservation. 32.4 If a bid is not substantially responsive to the requirements of the Bidding Document, it shall be rejected by the Purchaser and may not subsequently be made responsive by correction of the material deviation, reservation, or omission. 32.5 In case of e-submission bids, the purchaser evaluates the bid on the basis of the information in the electronically submitted bid files. If the Bidder cannot substantiate or provide evidence to establish the information provided in e-submitted bid through documents/ clarifications as per ITB Clause 29.1, the bid shall not be considered for further evaluation. 32.6 Except in case of e-submission, the Price Bid of the bidder, which is evaluated as substantially non-responsive in technical bid, shall be returned to the respective bidders.
33.Non-material Non-conformities	33.1 The Purchaser may regard a Bid as responsive even if it contains minor deviations that do not materially alter or depart from the characteristics, terms, conditions and other requirement set forth in the Bidding Document or if it contains errors or oversights that are capable of being corrected without affecting the substance of the Bid. 33.2 Provided that a Bid is substantially responsive, the Purchaser may request that the Bidder submit the necessary information or documentation, within a reasonable period of time, to rectify non-

	material non-conformities or omissions in the Bid related to documentation requirements. Requesting information or documentation on such non-conformities shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid. 33.3 Provided that a Bid is substantially responsive, the Purchaser shall rectify non-material non-conformities or omissions. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of the missing or non-conforming item or component. The adjustment shall be made using the method indicated in Section III, Evaluation, and Qualification Criteria. 33.4 If small differences are found such as in technical specification, description, feature which does not make the bid to be rejected, then the cost, which is calculated to the extent possible due to such differences, shall be included while evaluating bid. 33.5 If the value is found fifteen percent more than the quoted amount of the bidder on account of small differences pursuant to ITB 33.4, such bid shall be considered irresponsive in substance and shall not be considered for evaluation.
34.Eligibility and Qualification of the Bidder	34.1 The Purchaser shall determine to its satisfaction during the evaluation of Technical Bids whether Bidders meet the eligibility and qualifying criteria specified in Section III (Evaluation and Qualification Criteria). 34.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB 19.1. If two or more companies or firms have been merged prior to the submission of the bid, the qualifications of the companies or firms existing prior to such merger shall be deemed to form part of the qualifications of the resulting merged firm or company. 34.3 An affirmative determination shall be a prerequisite for the opening and evaluation of a Bidder's Price Bid. A negative determination shall result into the disqualification of the Bid, in which event the Purchaser shall return the unopened Price Bid to the Bidder.
35.Examination of Price Bids	35.1 The purchaser shall examine the Price Bid to confirm that all documents and financial information requested in ITB 12.3 have

	been submitted. If any of these documents or information (except alternative Price Bid which is optional) is missing, the bid shall be rejected. 35.2 In case of e-submission bids, the purchaser shall confirm that all the documents and financial information requested in ITB 23.1 have been submitted. If any of these documents or information is missing, the bid shall be rejected.
36.Correction of Arithmetical Errors	36.1 During the evaluation of Price Bids, the Purchaser shall correct arithmetical errors on the following basis: a) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected; b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; c) If there is a discrepancy between the bid price in the Summary of price schedule and the bid amount in item (c) of the Letter of Price Bid, the bid price in the Summary of price schedule will prevail and the bid amount in item (c) of the Letter of Price Bid will be corrected; and d) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a), (b) and (c) above. 36.2 If a Bidder does not accept the correction of arithmetical errors, its bid shall be disqualified and its bid security shall be forfeited.`
37. Domestic Goods to be procured	37.1 If the price of domestic goods, are higher up to fifteen percent (15%) than that of goods manufactured in foreign countries, the domestic goods shall be preferred in the evaluation of the Bids. 37.2 If the bid closest to the Average Bid Price is a bid offering foreign goods, the next closest bid offering domestic goods that is up to 15% more expensive than the bid offering foreign goods shall be

	selected for award. 37.3 For granting such preference pursuant to 37.1, the bidder must submit the country of origin issued by competent authority stating that the value added of the goods in Nepal is more than 30 percent.
38.Evaluation and Comparison of Price Bids	38.1 To evaluate a Price Bid, the Purchaser shall only use all the criteria and methodologies defined in this Clause and in Section III, Evaluation and Qualification Criteria. No other criteria or methodology shall be permitted. 38.2 To evaluate a Price Bid, the Purchaser shall consider the following: (a) the bid price as quoted in accordance with ITB 15 **as specified in BDS**; (b) adjustment for correction of arithmetic errors in accordance with ITB 36.1; (c) adjustment due to discounts offered in accordance with ITB 15.7; (d) adjustment for nonmaterial nonconformities in accordance with ITB 33.3 ; and (e) adjustment due to application of the evaluation criteria **specified in the BDS** from amongst those set out in Section III (Evaluation and Qualification Criteria). These criteria may include factors related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services which shall be expressed to the extent practicable in monetary terms to facilitate comparison of bids unless otherwise specified in Section III. (f) adjustment due to the application of a margin of preference in accordance with ITB clause 37. 38.3 The Purchaser shall evaluate all the bid prices of the substantially responsive bids in accordance with ITB 38.2. If the evaluated Bid Price of the Bidder is more than 30 (thirty) percent below or substantially higher than the cost estimate, the Purchaser shall reject the Bid as non-responsive. The Purchaser shall determine the Average Bid Price of all the substantially responsive Bids. The

	Bid Price which is closest to the Average Bid Price AND is not substantially higher than the cost estimate shall be selected for awarding the contract. 38.4 Any allowance for price adjustment during the period of performance of the Contract, if provided in the Bid, shall not be taken into account in bid evaluation. 38.5 If this Bidding Document allows Bidders to quote separate prices for different lots/packages, and to award multiple Contracts to a single Bidder, the methodology to determine the lowest evaluated price of the Contract combinations, including any discounts offered in the Letter of Price Bid, is specified in Section III (Evaluation and Qualification Criteria). 38.6 Notwithstanding ITB 38.3, if all the Bids evaluated are substantially higher than the cost estimate, the purchaser may negotiate with the bidder who submitted the lowest evaluated substantially responsive Bid to propose a lump sum discount rate in order to bring the bid price within the approved cost estimate. However, no change in the substance of the bid is permitted during the negotiations. 38.7 If no agreement can be reached as per ITB 38.6, the purchaser shall cancel the procurement proceedings. 38.8 While evaluating the Bid Price as per ITB 38.3, if the Bid Price of two or more Bidders is found to be equal, the Purchaser shall select the bid for awarding the contract by drawing of lots in presence of Bidders' designated representatives who choose to attend in date, time and place as notified by the Purchaser in writing to the concerned bidders. The Bidders' representatives who are present shall be requested to sign a record evidencing their attendance. The omission of a Bidder's signature on the record or the absence of a Bidder during the drawing of lots shall not invalidate the contents and the effect of the record. The method of drawing lots shall be determined by the Purchaser.
39.Purchaser's Right to Accept Any Bid, and to Reject Any or	39.1 The Purchaser reserves the right to accept or reject any Bid, and to cancel the bidding process and reject all Bids at any time prior to Contract award, without thereby incurring any liability to the Bidders. In case of annulment, all Bids submitted and specifically, bid securities, shall be promptly returned to the Bidders.

All Bids	39.2 The Purchaser shall give notice of the rejection of bids or the cancellation of the procurement proceedings pursuant to ITB 39.1, along with the reasons for such rejection or cancellation, to all bidders**.**
	39.3 Where any bidder requests, within thirty (30) days of the communication of the notice pursuant to ITB 39.2, the grounds for the rejection of all bids or the cancellation of the procurement proceedings, the Purchaser shall provide such information to that bidder**.**

F. Award of Contract

40.Award Criteria	40.1 The Purchaser shall award the Contract to the Bidder whose Bid Price is selected as per ITB 38 and is substantially responsive to the Bidding Document, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
41.Purchaser's Right to Vary Quantities at Time of Award	41.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section V, Schedule of Requirements, provided this does not exceed the percentages ***indicated in the*** *BDS*, and without any change in the unit prices or other terms and conditions of the Bid and the Bidding Document.
42.Letter of Intent to award the Contract/ Notification of Award	42.1 The Purchaser shall notify the concerned Bidder whose bid has been selected in accordance with ITB 40.1 within seven days of the selection of the bid, in writing that the Purchaser has intention to accept his/her bid and shall Inform via the Letter of Intention included in the Contract Forms and the information of name, address and amount of selected bidder shall be given to all other bidders who submitted the bid. 42.2 If no bidder submits an application pursuant to ITB 45.1 within a period of seven days of providing the notice under ITB 42.1, the Purchaser shall accept the bid selected in accordance with ITB 40.1 prior to the expiry of bid validity period, and notification of award shall be communicated to the selected bidder to furnish the performance security and sign the contract within fifteen days.
43.Performance Security	43.1 Within fifteen (15) days of the receipt of notification of award from the Purchaser, the successful Bidder shall furnish the Performance Security in an amount equal to 5 (five) percent of the Bid Price

	without VAT but including PS in accordance with the Condition of Contract, from Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal using Sample Form for the Performance Security included in Section VIII (Contract Forms) or another form acceptable to the Purchaser. The performance security issued by any Foreign Bank outside Nepal must be counter guaranteed by Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal.
	43.2 Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract Agreement shall constitute sufficient grounds for the annulment of the award, forfeiture of the Bid Security and black listing. In that event the Purchaser shall award the Contract to the next Bidder whose Bid Price is closest to the previously determined Average Bid Price whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily. The process shall be repeated according to ITB 42.
44. Signing of Contract	44.1 The Purchaser and successful Bidder shall sign the contract agreement within the period stated in 43.1 in the form included in section VIII (Contract Forms) after the submission of performance security by successful bidder in accordance with ITB 43. 44.2 At the same time, the Purchaser shall affix a public notice on the result of the award on its notice board and make arrangement for causing such notice to be affixed on the notice board also of the ***District Coordination Committee, District Administration Office, Provincial Treasury and Controller Office and District Treasury and Controller Office.*** The Purchaser may make arrangements to post the notice into its website, if it has; and if it does not have, into the website of the Public Procurement Monitoring Office, identifying the bid and lot/package numbers and the following information: (i) the result of evaluation of bid; (ii) date of publication of notice inviting bids; (iii) name of newspaper; (iv) reference number of notice; (v) item of procurement; (vi) name and address of bidder making contract and (viii) contract Price. 44.3 The Purchaser shall promptly respond in writing to any unsuccessful Bidder who, within thirty days from the date of issuance of notification pursuant to ITB 42.1, requests in writing the grounds on

	which its bid was not selected. 44.4 If the bidder whose bid has been accepted fails to sign the contract as stated in ITB 44.1, the Public Procurement Monitoring Office shall blacklist the bidder on recommendation of the Purchaser.
45.Complaint and Review	45.1 If a Bidder dissatisfies with the Procurement proceedings or the decision made by the Purchaser in opening of the price bid or the intention to award the Contract, it may file an application to the Chief of the concerning Public Entity of the Purchaser within seven (7) days of providing the notice under ITB 27.8 and ITB 42.1 by the Public Entity, for review of the proceedings stating the factual and legal grounds. 45.2 An application filed after the deadline pursuant ITB 45.1 shall not be processed. 45.3 The chief of Public Entity of the Purchaser shall, within five (5) days after receiving the application, give its decision with reasons, in writing pursuant to ITB 45.1: (a) whether to suspend the procurement proceeding and the procedure for further proceedings to be adopted; or (b) whether or not to reject an application. No application can be submitted before the Public Procurement Review Committee (PPRC) for review against the decision made by the chief of the Public Entity for the Bid amount up to the value ***as stated in BDS***. 45.4 If the Bidder is not satisfied with the decision of the Public Entity in accordance with ITB 45.3, or the decision by the Public Entity is not given within five (5) days of receipt of application pursuant to ITB 45.1, it can, within seven (7) days of receipt of such decision, file an application to the Public Procurement Review Committee of the GoN, stating the reason of its disagreement on the decision of the chief of Public Entity and furnishing the relevant documents, provided that its Bid amount is above the amount as stated in ITB 45.3. The application may be sent by hand, or by post, or by courier, or by electronic media at the risk of the Bidder itself. 45.5 Late application filed after the deadline pursuant to ITB 45.4 shall not be processed. 45.6 Within three (3) days of the receipt of application from the Bidder,

	pursuant to ITB 45.4, the Public Procurement Review Committee shall notify the concerning Public Entity of the Purchaser to furnish its procurement proceedings and comments on the issue, pursuant to ITB 45.3. 45.7 Within three (3) days of receipt of the notification pursuant to ITB 45.6, the Public Entity shall furnish the copy of the related documents along with its comment or reaction of complaint to the Public Procurement Review Committee. 45.8 The Public Procurement Review Committee, after inquiring from the Bidder and the Public Entity, if needed, shall give its decision within thirty (30) days after receiving the application filed by the Bidder, pursuant to ITB 45.4. 45.9 The Bidder, filing application pursuant to ITB 45.4, 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 ***as stated in BDS*** with the validity period of at least ninety (90) days from the date of the filing of application pursuant to ITB 45.4. Application filed without furnishing the security deposit shall not be processed. 45.10 If the claim made by the Bidder pursuant to ITB 45.4 is justified, the Public Procurement Review Committee shall have to return the security deposit to the applicant, pursuant to ITB 45.9, within seven (7) days of such decision made. 45.11 If the claim made by the Bidder pursuant to ITB 45.4 is rejected by the Public Procurement Review Committee, the security deposit submitted by the Bidder pursuant to ITB 45.9 shall be forfeited. 45.12 If the Purchaser does not implement the decision of the Public Procurement Review Committee, the bidder may file an application to the Public Procurement Review Committee.

Section II: Bid Data Sheet

A. Introduction	
ITB 1.1	The number of the Invitation for Bids (IFB) is: ***NEA_KPO/2083/084-Line Materials-01***
ITB 1.1	Name of the Purchaser***:*** **Nepal Electricity Authority,** **Distribution and Consumer Services Directorate,** **Karnali Province Office**
ITB 1.1	Name and Identification number of the Contract/s (Packages/Lots): *Name*: ***Supply and Delivery of Fully Galvanized Channels, Stay, ACSR Conductor and Insulators*** *Identification No.:* ***NEA_KPO/2083/084-Line Materials-01***
ITB 2.1	Source of Fund: ***NEA's own Fund/ GoN Funded*** Name of contract/s: ***Supply and Delivery of Fully Galvanized Channels, Stay, ACSR Conductors and Insulators.***
ITB 4.1	Bidders from the following countries are not eligible: ***Not Applicable***
ITB 4.2	For GoN Funded: Maximum number of partner in a joint venture shall be : **3 (three)**
ITB 4.4	A list of debarred firms is available at http: blacklist.ppmo.gov.np
ITB 4.8	The foreign Bidder at the time of bid submission: ▪ ***Not Applicable***
ITB 5.1	Goods and related services to be supplied from following countries are not eligible: ***Not Applicable***
B. Bidding Document	
ITB 8.1	For **clarification purposes** only, the Purchaser's address is: Attention: ***Province Chief, NEA, Karnali Province Office*** Name of the Purchaser: ***NEA, Karnali Provincial Office,*** City/Town: ***Subbhakuna, Birendranagar Municipality***

	District:***Surkhet*** Country: ***Nepal*** Telephone: ***083-520322*** Electronic Mail Address: karnali@nea.org.np
ITB 8.1	The purchaser will respond in writing to any request for clarification provided that such request is received no later than 10 days prior to the deadline date for submission of bid.
ITB 8.2	Pre-Bid meeting ***"shall not"*** be organized.
C. Preparation of Bids	
ITB 11.1	The language of the Bid is: Nepali or English
ITB 12.2 (h)	The Bidder shall submit the following additional documents with its Technical Bid: (i) ***Manufacturer's Authorization, if supplier don't manufacture any or all of the materials to be supplied;*** (ii) ***GTP of the materials to be supplied ;*** (iii) ***Latest Supply Record and End User Certificates supporting Experience as per Bidding Document ;*** (iv) ***Relevant ISO Certificate;*** (v) ***Vendor's Company Profile;*** (vi) ***Type Test Reports of the materials used for channels and angles;***
ITB 12.3 (c)	The Bidder shall submit with its Price Bid the following additional documents***: Not Applicable***
ITB 14.1	Alternative Bids ***"shall not be"*** permitted
ITB 15.4	**The prices quoted by the Bidder shall : *"not be Adjustable".***
ITB 18.3	Period of time the Goods are expected to be functioning (for the purpose of spare parts): ***Not Applicable***

ITB 19.2	***A Manufacturer's Authorization letter is required for all the items listed in Section V Schedule of Requirements.***
ITB 19.3	The Bidder ***"is not"*** required to include with its bid, evidence that it will be represented by an Agent in Nepal. ***(National Competitive Bidding)***
ITB 20.1	The bid validity period shall be ***"Ninety (90)"*** days.
ITB 21.1	The bid must be accompanied by bid security, amounting to a ***minimum of NPR. 9,81,000.00***, which shall be ***valid for minimum 30 days*** beyond the bid validity period **i.e.** ***[11th April 2027].***
ITB 21.2	If the Bidder wishes to submit the Bid Security in the form of cash, the cash should be deposited in: Name of the Bank: **Nabil Bank Ltd** Name of Office: NEA, Karnali Province Office Account Name: **NEA, Karnali Pradesh Pradeshik Karyalay (Self)** Office Account no.: **00201017505547** and submit the receipt of the deposited amount of cash along with the bid.
ITB 22.2	The written confirmation of authorization to sign on behalf of the Bidder shall indicate: (a) The name and description of the documentation required to demonstrate the authority of the signatory to sign the Bid such as a Power of Attorney; and (b) In the case of Bids submitted by an existing or intended JV, an undertaking signed by all parties (i) stating that all parties shall be jointly and severally liable, and (ii) nominating a Representative who shall have the authority to conduct all business for and on behalf of any and all the parties of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution.
D. Submission and Opening of Bids	
ITB 23.1	Bidders shall have the option of submitting their bids***: "by electronic only."***.
ITB 24.1	For bid submission purposes only, the Purchaser's address is: ***Nepal Electricity Authority*** ***Karnali Province Office,*** ***Subbhakuna, Birendranagar, Surkhet*** ***(electronic submission only through PPMO e-GP system:***

	www.bolpatra.gov.np/egp)
ITB 24.1	The deadline for bid submission is: Date:**11th Dec 2026 (25th Mangshir 2083)** Time:**12:00 Hrs**
ITB 24.1	If the last date of purchasing, submission and opening of Bid falls on a public holiday applicable to purchaser, then the next working day shall be considered as the last day without any change in the time and place as fixed.
ITB 27.1	The Technical bid opening shall take place at: Date: **11th Dec 2026 (25th Mangshir 2083)** Time: **14:00 Hrs** Place: ***NEA, Karnali Province Office, Birendranagar, Surkhet***
E. Evaluation and Comparison of Bids	
ITB 38.3 (a)	Bids will be evaluated lot by lot/package (may be multiple or single). If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items. An item not listed in the Price Schedule shall be assumed to be not included in the bid, and provided that the bid is substantially responsive, the average price of the item quoted by substantially responsive bidders will be added to the bid price and the equivalent total cost of the bid so determined will be used for price comparison.
ITB 38.3 (e)	The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria: **(a)** Deviation in Delivery schedule: ***No.*** **(b)** Deviation in payment schedule: ***No.*** **(c)** the cost of major replacement components, mandatory spare parts, and service: ***No.*** (d) the availability of spare parts in Nepal and after-sales services for the equipment offered in the bid ***No,*** **(e)** the projected operating and maintenance costs during the life of the equipment ***No,***

	(f) the performance and productivity of the equipment offered; ***No.***
F. Award of Contract	
ITB 41.1	The maximum percentage by which quantities may be increased is: 15% The maximum percentage by which quantities may be decreased is: 15%
ITB 45.3	NPR Twenty Million (NPR. 20,000,000)
ITB 45.9	The bidder, filling application pursuant to ITB 45.4, shall have to furnish a cash amount or Bank guarantee equal to ten percent (10 %) of amount of bid security in case of complaint against decision pursuant to ITB 27.8 and one percent (1%) of its quoted Bid amount in case of complaint against decision pursuant to ITB 42.1

Section III. Evaluation and Qualification Criteria

The purpose of the Evaluation and Qualification Criteria (EQC) is to specify the criteria that the Purchaser will use to evaluate the Bids to determine the substantially responsive bid closest to the Average Bid Price and post-qualify the Bidder. The Purchaser must prepare the EQC and include it as a part of the Bidding Document. The EQC is not a Contract document and, therefore, it is not a part of the Contract.



1. Evaluation Criteria

Criteria for Bid evaluation are to be determined case by case basis. Select from following the appropriate criteria according to the provisions specified in ITB 38. Retain only the relevant parameters and evaluation methods to apply corresponding to the retained criteria.

1.1 Technical Criteria

The cost of all quantifiable deviations or deficiencies from the technical requirements as specified in Section V. Schedule of Requirements shall be evaluated. The Procuring Entity will make its own assessment of the cost of these deviations or deficiencies for the purpose of ensuring fair comparison of Bids.

1.2 Economic Criteria

Examples of such criteria appear below:

1.2.1 Adjustment for Scope

1.2.1.1 Local Handling and Inland Transportation: Not Applicable (N/A)

1.2.1.2. Minor Omissions or Missing Items

"Pursuant to Sub-Clause 33.3 of the Instructions to Bidders, the cost of all quantifiable nonmaterial nonconformities or omissions from the contractual and commercial conditions shall be evaluated. The Procuring Entity will make its own assessment of the cost of any nonmaterial nonconformities and omissions for the purpose of ensuring fair comparison of Bids."

1.2.2 Adjustment for Deviations from the Terms of Payment

"Deviations from the Terms of Payment as specified in SCC 15.1 are not permitted."

1.2.3 Adjustment for Deviations in the Delivery and Completion Schedule

"Deviations from the Delivery and Completion Schedule specified in Section V (Schedule of Requirements) are not permitted."

1.2.4 Operating and Maintenance Costs : N/A

1.2.5 Spare Parts and after Sales Service Facilities: N/A

1.2.6 Performance and Productivity of the Goods: N/A

1.2.7 Specific additional Criteria

Other specific additional criteria to be considered in the evaluation, and the evaluation method shall be detailed in BDS sub clause 38.3 (e)

1.3 Multiple Contracts: Not Applicable



2. Qualification

Except Qualification Requirements mentioned as optional, which may be specified as per requirements, the Purchaser shall specify the following Qualification Requirements without any substantial deviation.

2.1 Eligibility

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	

2.1.1 Conflict of Interest

No conflicts of interest in accordance with ITB 4.3.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Technical Bid

2.1.2 Government/DP Eligibility

Not having been declared ineligible by government /DP, as described in ITB Sub-Clause 4.4.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Technical Bid

2.1.3 Government-Owned Entity

Bidder required to meet conditions of ITB 4.5.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Technical Bid; Forms ELI – 1 and ELI - 2

2.1.4 UN Eligibility

Not having been excluded by an act of compliance with a United Nations Security Council resolution in accordance with ITB 4.7.	Must meet requirement	Must meet requirement	Must meet requirement	Not applicable	Letter of Technical Bid

2.1.5 Nationality

Nationality in accordance with	Must meet	Must meet	Must meet	Not	Letter of

ITB 4.8.	requirement	requirement	requirement	applicable	Technical Bid; Forms ELI – 1 and ELI – 2 with attachments

2.1.6 Other Eligibility

Firm or Company Registration Certificate	must meet requirement	not applicable	must meet requirement	not applicable	Document attachment
Business Registration License (Certificate)	must meet requirement	not applicable	must meet requirement	not applicable	Document attachment
VAT and PAN Registration certificate ***(only for domestic bidders)***	must meet requirement	not applicable	must meet requirement	not applicable	Document attachment
Tax Clearance Certificate/Tax return submission evidence/ evidence of time extension for the **F/Y…2082/083……** ***(Only for domestic bidders)***	must meet requirement	not applicable	must meet requirement	not applicable	Document attachment

2.2 Pending Litigation.

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
All pending litigation, arbitration or other material events impacting the net worth and/or liquidity of the bidder, if any, shall be treated as resolved against the Bidder and so shall in total not represent more than **50 (Fifty)** percent of the Bidder's net worth calculated as the difference between total assets and total liabilities.	Must meet requirement	Not applicable	Must meet requirement	Not applicable	Form LIT - 1

2.3 Financial Situation

2.3.1 Historical Financial Performance

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Submission of audited balance sheets and income statements for the last……. ***3 (three)***……. years to demonstrate the current soundness of the Bidder's financial position. As a minimum, the Bidder's net worth for the last year calculated as the difference between total assets and total liabilities should be positive.	Must meet requirement	Not applicable	Must meet requirement	Not applicable	Form FIN – 1

Note:

(1) Insert value between 1 (One) to 3 (Three) years.

2.3.2 Average Annual Turnover

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Minimum average annual turnover of **NPR. 2,65,00,000.00** calculated as total payments received by the Bidder for supply contracts completed or under execution over the last three years.	Must meet requirement	Must meet requirement	Must meet 25 % of the requirement	Must meet 40% of the requirement	Form FIN – 2

Only the net amount shall be calculated after deducting the amount for VAT and such amount shall be adjusted to present value by applying wholesale price index of Nepal Rastra Bank.

Note:

(2) The amount stated shall be 60 % to 80 % of the estimated cost without VAT but including PS

2.3.3 Financial Resources

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
The Bidder must demonstrate access to, or availability of, financial resources such as liquid assets[3], unencumbered real assets, and other financial resources, (other than any contractual advance payments) to meet the cash-flow requirement of **NPR. 2,00,00,000.00**	Must meet requirement	Must meet requirement	Must meet 25 % of the requirement	Must meet 40 % of the requirement	Form FIN - 3

Note:

***(3) The amount stated should be 50 % to 80 % of the* estimated cost without VAT but including PS**

2.4 Experience

2.4.1 General Experience

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Experience under supply contracts in the role of prime supplier (single entity or JV member) or subcontractor for at least the last **…… *3 (three)*…..** years prior to the bid submission deadline.	Must meet requirement	Not applicable	Must meet requirement	Not applicable	Form EXP – 1

Note:

(4) Insert value between 1 (One) to 3 (Three) years.

[3] Liquid Assets mean cash and cash equivalents, short-term financial instruments, short term available-for-sale-securities, marketable securities, trade receivables, short-term financing receivables and other assets that can be converted into cash within ONE YEAR.



2.4.2 Specific Experience

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
Experience under supply contracts in the role of prime supplier (single entity or JV member) or subcontractor in at most…..**1 (one)….** Contract (s) within the last three (3) years, with a value of at least **NPR 2,50,00,000.00** (total of all contracts) with nature, and complexity similar to the scope of supply described in Section V (Schedule of Requirements).	Must meet requirement	Must meet requirement	Not applicable	Not applicable	Form EXP – 2

Only the net amount shall be calculated after deducting the amount for VAT and such amount shall be adjusted to present value by applying wholesale price index of Nepal Rastra Bank.

Note:

(5) The range is 1 to 3

(6) The amount stated should be 60 % to 80 % percent of the estimated cost without ***VAT but including PS.***

2.4.3 Technical Experience (Optional)[4]

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
The Bidder shall demonstrate that the goods offered have: (i) been in production for at least**….3(three)….** years; (ii) been in operation for a minimum of…… *1(one)*….years[5].	Must meet requirement	Must meet requirement	Not applicable	Not applicable	Form EXP – 3

[4] For procurement that involves high-value and technically complex items only

[5] The bidder shall furnish a list of users who had purchased same/similar goods/equipment during the period stated, number of equipment sold to them and the contract amount. They will be used as references to check

Note:
(7) Insert value 1 (one) to 3 (three) years
(8) Insert number of units which is 3 x Q/T, where Q is the value which is 80 % of the number of units specified in Price Schedule (in above round figure), T is contract duration in years. Contract duration less than one year shall be considered one year. The multiplier 3 (three) can be reduced to 1 (one) in accordance with complexity of the supply.

2.4.4 Production Capacity (Optional)[6]

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture			Submission Requirements
		All Partners Combined	Each Partner	One Partner	
The Bidder or manufacturer shall demonstrate[7] that it can supply the type, size, and quantity of the goods as required by Purchaser in accordance with the Delivery and Completion Schedule in Section V (Schedule of Requirements).	Must meet requirement	Must meet requirement	Not applicable	Not applicable	Form EXP – 4

2.4.5 Manufacturer's Experience

Manufacturers for the following major items of supply or services must meet the following minimum criteria, herein listed for that item:

Item No.	Description of Item	Minimum Criteria to be met
1.	Fully Galvanized Steel Tubular Pole Accessories 33KV AND 11 KV (Channels, Stay Sets, Pole Clamps and Nut Bolts of Different Size)	i) Must have fully galvanized channel manufacturing experience of at least 3 (Three) years. ii) Must have successfully completed the Manufacture and supply Fully Galvanized channel at least twice the bid quantity as a main supplier over last five (5) years period ending on the last date of bid submission. iii) Must hold a valid ISO 9001:2015/equivalent or

the performance of the offered model, if necessary.

[6] For procurement that involves high-value and technically complex items only
[7] Bidder or Manufacturer shall provide evidence of production output.

		above certificate & copy of certificate shall be included in the bid. iv) Must submit the test report carried out as per relevant standard.
2	ACSR Conductor (0.1 sq inch "DOG" and 0.05 sq inch "RABBIT")	i) Must have manufacturing experience of at least 3 (Three) years. ii) Must have successfully completed the supply of each type of conductor at least twice the bid quantity as a main supplier over last five (5) years period ending on the last date of bid submission. Out of supplied quantity, a minimum of half the bid quantity shall have been in operation satisfactory to the end users for at least One (1) year. iii) Must hold a valid ISO 9001:2000 or 2015 /equivalent or above certificate& copy of certificate shall be included in the bid. iv) Must submit the type test report carried out by independent testing laboratory for the offered item or higher voltage class and capacity.
3	33kV Porcelain Insulators (Pin Insulator with Spindle,) and 11 KV Disc Insulators with Fittings,	i) Must have manufacturing experience of at least 3 (Three) years. ii) Must have successfully completed the supply of 33kV Pin with Spindle and Disc Insulators with fittings at least twice the bid quantity as a main supplier over last five (5) years period ending on the last date of bid submission. Out of supplied quantity, a minimum of half the bid quantity shall have been in operation satisfactory to the end users for at least One (1) year. iii) Must hold a valid ISO 9001:2000 or 2015 or above certificate & copy of ISO certificate shall be included in the bid iv) Must submit the type test report carried out by

		independent testing laboratory for the offered item or higher voltage class and capacity.

Note:

i. In the case of a Bidder who offers to supply and install major items of plant under the contract, which the Bidder did not manufacture or otherwise produce, the Bidder shall provide the Manufacturer's authorization, showing that the Bidder has been duly authorized by the Manufacturer or producer of the related plant and equipment or component to supply and install that item in the Employer's country. Failure to submit the Manufacturer's authorization is considered, in the first instance, a minor, non-material omission in accordance with ITB 35.1 but shall be subject to clarification in accordance with ITB 27.1. ***However, failure of the Bidder to submit the authorization shall lead to rejection of the Subcontractor or Manufacturer of the item under evaluation and bid is rejected if no manufacturer's authorization letter is provided for certain ítems after requested clarification also.***

ii. In case of the Type test certificate is not as per the requirement, the bidder shall, upon award of the contract, undertake to carry out the required Type Test from an independent laboratory qualified as above or in a laboratory owned or nominated by the Clients/Employer before delivery of the corresponding equipment at no extra cost to the Client/Employer.

iii. The end user certificates shall be on the letterhead of the end user with valid address for correspondence and signed by or on behalf of the end user.

iv. The offered equipment, plants and materials shall be in conformity with the specifications. In order to prove that the equipment, plants, and materials offered are of acceptable quality and standard and in conformity with the specifications, the Bidder shall furnish documentary evidence in the form of literature, drawing and data and shall furnish:
   a. Completely filed out technical data sheets provided in the Bidding Document;
   b. A detailed description of equipment, plants, and materials offered are to the specification or a statement of deviations and exceptions to provision of the specifications.



Section IV. Bidding Forms

Notes on Bidding Forms

The Purchaser shall include in the Bidding Documents all Bidding Forms that the Bidder shall fill out and include in its Bid. The forms contained in this section are to be completed by the Bidder and submitted as part of its Bid. As specified in this Section, these forms are the Letter of Technical Bid, Letter of Price Bid, the Bid Security, Price Schedules, and the Bidder's Qualification Information Forms.



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Letter of Technical Bid

(The Bidder shall accomplish the Letter of Technical Bid in its Letter Head Clearly showing the Bidder's Complete name and address.)

Date:
Contract No.:
Invitation for Bid No.:

To: ***[Insert complete name of Purchaser]***

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Document, including Addenda issued in accordance with Instructions to Bidders (ITB) Clause 9;

(b) We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule specified in the **Section V (**Schedule of Requirements**)**, the following Goods and Related Services: ***[insert a brief description of the goods and related services];***

(c) Our Bid consisting of the Technical Bid and the Price Bid shall be valid for a period of ….. ***[insert validity period as specified in ITB 20.1 of the BDS]*** days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(d) Our firm, including any subcontractors or suppliers for any part of the Contract, has nationalities from eligible countries in accordance with ITB 4.8 and meets the requirements of ITB 3.4 & ITB 3.5;

(e) We are not participating, as a Bidder or as a subcontractor/supplier, in more than one Bid in this bidding process in accordance with ITB 4.3(e), other than alternative Bids in accordance with ITB 14;

(f) Our firm, its affiliates or subsidiaries, including any Subcontractors or Suppliers for any part of the contract, has not been declared ineligible by DP, under the Purchaser's country laws or official regulations or by an act of compliance with a decision of the United Nations Security Council;

(g) *[We are not a government owned entity] or [we are a government owned entity but meet*

the requirements of ITB 4.5];[8]

(h) We declare that, we including any subcontractors or suppliers for any part of the contract do not have any conflict of interest in accordance with ITB 4.3 and we have not been punished for an offense relating to the concerned profession or business.

(i) The following commissions, gratuities, or fees, if any, have been paid or are to be paid with respect to the bidding process or execution of the Contract:

Name of Recipient	Address	Reason	Amount

(If none has been paid or is to be paid, indicate "none.")

(j) We declare that we are solely responsible for the authenticity of the documents submitted by us. The document and information submitted by us are true and correct. If any document/information given is found to be concealed at a later date, we shall accept any legal actions by the purchaser.

(k) We agree to permit GoN/DP or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the GoN/DP.

Name ***[insert complete name of the person signing the Bid***

In the capacity of ***[insert legal capacity of person signing the Bid]***

Signed ***[signature of the person whose name and capacity are shown above]***

Duly authorized to sign the Bid for and on behalf of ***[insert complete name of the Bidder]***

[8] Select one of the options

Date ***[insert date of signing]***



Letter of Price Bid

The Bidder must accomplish the Letter of Price Bid in its letterhead clearly showing the Bidder's complete name and address.

Date: .....

Name of the contract: .....

Invitation for Bid No.: .....

To: ***[Insert complete name of Purchaser]***

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with Instructions to Bidders (ITB) Clause 9;

(b) We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule specified in the **Section V (**Schedule of Requirements**)**, the following Goods and Related Services: ***[insert a brief description of the goods and related services]***

(c) The total price of our Bid, excluding any discounts offered in item (d) below, is: ***[Insert one of the options below as appropriate]*** or when left blank is the Bid Price indicated in the Price Schedules.

[Incase of only one lot/package, insert the total Bid Price in words and figures];

[Incase of multiple lots/packages, insert the total price of each lot/package]

(d) The discounts offered and the methodology for their application are:

The discounts offered are: ***[specify in detail each discount offered]***[9]

[9] If a discount is quoted in a negative value, the absolute value of such discount shall be considered for the purpose of discount calculation.

The exact method of calculations to determine the net price after application of discounts is shown below: ***[specify in detail the method that shall be used to apply the discounts]***;

(e) Our bid shall be valid for a period of ***[insert validity period as specified in ITB 20.1]*** days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(f) If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Document;

(g) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;

(h) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive;

(i) We agree to permit the Purchaser/DP or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the Purchaser.

(j) We confirm and stand by our commitments and other declarations made in connection with the submission of our Letter of Technical Bid.

Name: ***[insert complete name of the person signing the Bid]***

In the capacity of ***[insert legal capacity of person signing the Bid]***

Signed: ***[signature of the person whose name and capacity are shown above]***

Duly authorized to sign the Bid for and on behalf of ***[insert complete name of the Bidder]***

Date ***[insert date of signing]***



Table of Price Adjustment Data[10]

[To be used if Price Adjustment if applicable as per GCC 14.2]

Code	Index Description	Source of Index	Base Value and Date	Purchaser's Weighting (coefficient)**
(1)	*(2)*	*(3)*	*(4)*	*(6)*
	Non - Adjustable (a)			
	Labor (b)			
	Materials (c)			
		Total		**1.00**

The coefficients a, b, and c shall be specified by the Purchaser. The sum of the three coefficients should be one (1).
The Bidder shall indicate the source of the indices and the base dates for such indices.

[10] Non-compliance of the data (stipulated by the bidder in this table) with requirements described here shall not be grounds for bid rejection and such non-compliance will be subject to clarification and rectification prior to contract award.

ELI-1: Bidder's Information Form

[The Bidder shall fill in this Form. No alterations to its format shall be permitted and no substitutions shall be accepted.]

1.	Bidder's Legal Name:	***[insert full name]***
2.	In case of JV, legal name of the representative member and of each member:	***[insert full name of each member in the JV and specify the representative member]***
3	Bidder's Country of Registration:	***[insert country of registration]***
4.	Bidder's Year of Registration:	***[insert year of incorporation]***
5.	Bidder's Legal Address in Country of Registration	***[insert street/number/town or city/country]***
6.	Bidder's trading address:	***[insert street/number/town or city/country]***
7.	Bidder's Telephone/Fax numbers:	***[insert telephone/fax numbers, including country and city codes]***
8.	Bidder's Email Address:	***[insert email address]***
9.	Bidder's Authorized Representative Information:	
	Name:	***[insert full name]***
	Address:	***[insert street/number/town or city/country]***
	Telephone/Fax numbers:	***[insert telephone/fax numbers, including country and city codes]***
	Email Address:	***[insert email address]***

Attached are copies of the following documents:

1. In case of a single entity, articles of incorporation or constitution and company incorporation/registration of the legal entity named above, in accordance with ITB 4.2 and ITB 4.8
2. Authorization to represent the firm or Joint Venture named above, in accordance with ITB 22.2
3. In case of a Joint Venture, a letter of intent to form a Joint Venture or Joint Venture agreement, in accordance with ITB 4.2
4. In case of a government-owned enterprise, any additional documents not covered under 1 above required to comply with ITB 4.5



ELI-2: Joint Venture Information Form

Each member of the Joint Venture must fill out this form separately to provide information relating to each JV member.

1.	**Bidder's legal name:**	***[insert full name]***
2.	Joint Venture Partner's legal name:	***[insert full name of Joint Venture Partner]***
3.	Joint Venture Partner's Country of Registration:	***[insert country of registration]***
4.	Joint Venture Partner's Legal Address in Country of Registration:	***[insert street/number/town or city/country]***
5.	Joint Venture Partner's Trading address	***[insert street/number/town or city/country]***
6.	Joint Venture Partner's Year of Registration:	***[insert year of registration]***
7.	Joint Venture Partner's Telephone/Fax numbers:	***[insert telephone/fax numbers, including country and city codes]***
8.	Joint Venture Partner's Email Address:	***[insert email address]***
9.	Joint Venture Partner's Authorized Representative Information:	
	Name:	***[insert full name]***
	Address:	***[insert street/number/town or city/country]***
	Telephone/Fax numbers:	***[insert telephone/fax numbers, including country and city codes]***
	Email Address:	***[insert email address]***

Attached are copies of the following documents:

1. Articles of incorporation or constitution and company incorporation/registration of the legal entity named above, in accordance with ITB 4.2 and ITB 4.8
2. Authorization to represent the firm named above, in accordance with ITB 22.2
3. In the case of a government-owned enterprise, documents establishing legal and financial autonomy and compliance with commercial law, in accordance with ITB 4.5

Form LIT 1: Pending Litigation Form

Each Bidder or member of a JV must fill in this form

Choose one of the following:

- No pending litigation, arbitration or any other material events impacting the net worth and/or liquidity of the bidder.
- Below is a description of all pending litigation, arbitration involving the Bidder or any other material events impacting the net worth and/or liquidity of the bidder (or each Joint Venture partner if Bidder is a Joint Venture).

Year	Matter in Dispute	Value of Pending Claim in NPR	Value of Pending Claim as a Percentage of Net Worth
[insert year]	• Contract Identification***: [indicate complete Contract name, number, and any other identification]*** • Name of Purchaser: ***[insert full name]*** • Address of Purchaser: ***[insert street/city/country]*** • Matter in dispute: ***[indicate main issues in dispute]*** • Party who initiated the dispute: ***[indicate "Purchaser" or "Supplier"]*** Status of dispute: ***[indicate if it is being treated by under Arbitration or being dealt with by the Judiciary]***	***[insert amount]***	



Form FIN-1: Financial Situation Form

Each Bidder must fill out this form.

In case of a Joint Venture, each Joint Venture Partner must fill out this form separately and provide the Joint Venture Partner's name:

Joint Venture Partner: ***[Insert Name of Joint Venture Partner]***

	Financial Data for Previous ……. Years (in NPR)		
	Year 1:	**Year 2:**	**Year …..:**
Information from Balance Sheet			
Total Assets (TA)			
Total Liabilities (TL)			
Net Worth = TA-TL			
Current Assets (CA)			
Current Liabilities (CL)			
Working Capital = CA-CL			

Information from Income Statement

Total Revenues			
Profits Before Taxes			
Profits After Taxes			

- ❑ Attached are copies of financial statements (balance sheets including all related notes, and income statements) for number of years, as indicated above, complying with the following conditions:

  - All such documents reflect the standalone financial situation of the legal entity or entities comprising the Bidder and not the Bidder's parent companies, subsidiaries, or affiliates.
  - Historic financial statements must be audited by a certified auditor.
  - Historic financial statements must be complete, including all notes to the financial statements.
  - Historic financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).



Form FIN-2: Average Annual Turnover Form

Each Bidder must fill out this form.

The information supplied should be the Annual Turnover of the Bidder or each partner of a Joint Venture in terms of the amounts billed to clients for each year for supply contracts in progress or completed to NPR at the end of the period reported.

In case of a Joint Venture, each Joint Venture Partner must fill out this form separately and provide the Joint Venture Partner's name:

Joint Venture Partner: ***[Insert Name of Joint Venture Partner]***

Annual Turnover Data for the Last…… Years (in Goods and/or related Services under Supply Contracts only)	
Year	**Amount (in NPR)**
Average Annual Turnover	

Form FIN-3: Financial Resources Form

Specify proposed sources of financing, such as liquid assets[11], unencumbered real assets, and other financial means (other than any contractual advance payments) available to meet the total cash flow requirements of the subject contract or contracts as indicated in Section III (Evaluation and Qualification Criteria).

Financial Resources		
No.	**Source of financing**	**Amount (in NPR)**
1		
2		
3		

[11] Liquid assets mean cash and cash equivalents, short-term financial instruments, short-term available-for-sale-securities, marketable securities, trade receivables, short-term financing receivables, and other assets that can be converted into cash within one (1) year.

Form EXP-1: General Experience

[The following table shall be filled in for the Bidder and for each member of a JV. Each contract shall be supported by Signed Contract Agreement or any other relevant evidence.]

[*Identify contracts that demonstrate continuous supply over the past [number] years. List contracts chronologically, according to their commencement (starting) dates.*]

General Experience			
Starting Day, Month, Year	**Ending Day, Month, Year**	**Contract Identification**	**Role of Bidder**
[*indicate Day, Month, year*]	[*indicate Day, Month, year*]	• Contract name: ***[insert full name]*** • Brief description of the supply performed by the Bidder: ***[describe supply performed briefly]*** • Amount of contract: ***[insert amount]*** • Name of Purchaser: ***[indicate full name]*** • Address of Purchaser: ***[indicate street/number/town or city/country]***	***[insert "Prime Supplier"(Single entity or JV member) or "Subcontractor"]***

Form EXP-2: Specific Experience Form

[The following table shall be filled in for contracts performed by the Bidder and by each member of a JV. Each contract shall be supported by Signed Contract Agreement or any other relevant evidence.]

<table>
<tr><th colspan="4">Contract of Similar Nature</th></tr>
<tr><th>Item</th><th colspan="3">Information</th></tr>
<tr><td>Contract Identification</td><td colspan="3">[insert contract name and reference identification number, if applicable]</td></tr>
<tr><td>Award date</td><td colspan="3">[insert day, month, year, e.g., 10 January, 2022]</td></tr>
<tr><td>Completion date</td><td colspan="3">[insert day, month, year, e.g., 12 July, 2022]</td></tr>
<tr><td rowspan="2">Role in Contract
[check the appropriate box]</td><td colspan="2">Prime supplier</td><td rowspan="2">Sub-contractor
☐</td></tr>
<tr><td>Single entity
☐</td><td>JV Member
☐</td></tr>
<tr><td>Total Contract amount</td><td colspan="2">[insert total contract amount]</td><td>[Insert Currency]</td></tr>
<tr><td>Description of the contract performed by the Bidder</td><td colspan="3">[Insert brief description of contract to justify similarity]</td></tr>
<tr><td>If partner in a JV or subcontractor, specify participation of total Contract amount</td><td colspan="2">[Insert percent of total]</td><td>[Insert Amount]</td></tr>
<tr><td>Purchaser's Name:</td><td colspan="3">[Insert full name]</td></tr>
<tr><td>Purchaser's Address:</td><td colspan="3">[indicate street / number / town or city / country]</td></tr>
<tr><td>Purchaser's Telephone/fax number:</td><td colspan="3">[insert telephone/fax numbers, including country and city area codes]</td></tr>
<tr><td>Purchaser's E-mail:</td><td colspan="3">[insert E-mail address, if available]</td></tr>
</table>

The Bidder shall complete this form for each contract completed.

Form EXP - 3: Technical Experience

Fill out one (1) form per contract. Each contract shall be supported by Signed Contract Agreement *or any other relevant evidence.*



<table>
<tr><th colspan="5">Technical Experience</th></tr>
<tr><td>Name of Product</td><td colspan="4"></td></tr>
<tr><td colspan="2">Manufacturer:</td><td colspan="3">Address and Nationality:</td></tr>
<tr><td rowspan="4">(i) Product has been in production for at least. . . . . . . Years.</td><td>Description of Goods</td><td colspan="2">Year of Production</td><td>Number of units produced</td></tr>
<tr><td>[insert description of Goods]</td><td colspan="2">[insert years]</td><td>[insert number]</td></tr>
<tr><td></td><td colspan="2"></td><td></td></tr>
<tr><td></td><td colspan="2"></td><td></td></tr>
<tr><td rowspan="4">(ii) Product (or equipment) has been sold a minimum of . . . . units of similar type and specification over the last three (3) years.</td><td>Description of Goods</td><td colspan="2">Year of Production</td><td>Number of units that has been sold</td></tr>
<tr><td>[insert description of Goods]</td><td colspan="2">[insert years]</td><td>[insert number]</td></tr>
<tr><td></td><td colspan="2"></td><td></td></tr>
<tr><td></td><td colspan="2"></td><td></td></tr>
<tr><td rowspan="6">(iii) Product has been in operation for a minimum of . . . . Years.</td><td>Description of Goods</td><td colspan="2">Number of units that has been sold and years</td><td>Details of purchasers</td></tr>
<tr><td rowspan="3">[insert description of Goods]</td><td>[insert number]</td><td>[insert year]</td><td rowspan="3">[insert name, address (street / number / town or city / country), telephone/fax numbers with country and city code, email addresses if available]</td></tr>
<tr><td></td><td></td></tr>
<tr><td></td><td></td></tr>
<tr><td rowspan="3"></td><td></td><td></td><td rowspan="3"></td></tr>
<tr><td></td><td></td></tr>
<tr><td></td><td></td></tr>
</table>

Form EXP - 4: Production Capacity

Fill out one (1) form per product and manufacturer.

Production Capacity		
Name of Product		
Manufacturer:		**Address and Nationality:**
Production facility 1 (include location):	*[Insert description of goods and production capacity]*	
Production facility 2 (include location):	*[Insert description of goods and production capacity]*	
Production facility 3 (include location):	*[Insert description of goods and production capacity]*	

Form Spec-1: Bidder's proposed Specification Form

The bidder shall fill this form to provide the information on technical specifications (TS) and standards of offered goods. Bidder's Proposed Technical Specifications and Standards in column 4 shall comply with the Purchaser Requirement (Specifications and standards) specified by the Purchaser in the Section V. Schedule of Requirements.

Name of Bidder _____ Invitation for Bid No.:_____

Item No.	Name of Goods or Related Service	Country of Origin and Brand	Bidder's Proposed TS and Standards	Reference page/no./ Catalogue page/ no.	Status of compliance[12]
1	2	3	4	5	6
[insert item No.]	*[insert name]*	*[insert country of Origin and Brand name]*	*[insert TS and Standards]*	*[insert reference page or no. / catalogue page or no. if any]]*	*[insert status]*

[12] *The bidder shall state as Fully compliance or Partially compliance or Compliance*



Form Del-1: Bidder's proposed Delivery Date

The bidder shall fill this form to provide the information on delivery date of offered goods. Bidder's offered delivery date in column 4 shall comply with the Purchaser Requirement (Delivery and Completion Schedule) specified by the Purchaser in the Section V. Schedule of Requirements.

Name of Bidder _____ Invitation for Bid No.:_____

Line Item No	**Description of Goods**	**Quantity**	**Physical unit**	**Final Destination**	**Bidder's offered Delivery date [to be provided by the bidder]**
1	2	3	4	5	6
[insert item No]	*[insert description of Goods]*	*[insert quantity of item to be supplied]*	*[insert physical unit for the quantity]*	*[insert place of delivery]*	*[insert the number of days following the date of effectiveness the Contract]*

Note: The date of effectiveness of contract shall be as of signing the contract



Price Schedule for Goods and Related Services

The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the Price Schedules shall coincide with the List of Goods and Related Services specified by the Purchaser in the ***Section V.*** *Schedule of Requirements.*

As per BOQ in Section V-1, which shall be treated as the Price Schedule.

Name of Bidder _____ Invitation for Bid No.:_____

Item	Description of Goods and Related Services	Country of Origin	Physical Unit	Quantity	Unit price[13] (in NPR)		Total price (in NPR) (cols. 4x5)
					In Figure	In Words	
1	2	3	4	5	6		5x6=7
A. Goods:							
1.							
2.							
…….							
B. Related Services (in any):							
1.							
2.							
…….							
						Total	
						VAT	
						Grand Total	

[*If there are more than one lot/ package, prepare Price Schedule form for each lot/ package*]

[13] The price shall include the cost of goods, other taxes already paid or payable on the components and raw material used in the manufacture or assembly of the item, the customs duties, transportation cost up to final delivery, insurance cost, unloading, and any other cost for (incidental) services, if any, related to the delivery of goods. All risks and responsibilities up to the final destination including installation and commissioning of Goods, if applicable, shall be borne by the Supplier.

Name: _____

In the capacity of: _____

Signed: _____

Duly authorized to sign the Bid for and on behalf of: _____

Date:

Bid Security

Bank Guarantee

Bank's Name, and Address of Issuing Branch or Office
(On Letter head of the Bank)

[This is the format for the Bid Security to be issued on the letterhead by a Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law of Nepal]

insert Bank's Name, and Address of Issuing Branch or Office]

Date: ***[insert date]***

Beneficiary: ***[insert Name and Address of Purchaser]***

BID GUARANTEE No.: ***[insert number]***

We have been informed that ***[insert name of the Bidder]*** (hereinafter called "the Bidder") intends to submit its bid to you (hereinafter called "the Bid") for the execution of ***[insert name of contract]*** under Invitation for Bids No***. [insert IFB number]*** ("the IFB").

Furthermore, we understand that, according to your conditions, bids must be supported by a bid guarantee.

At the request of the Bidder, we ***[insert name of Bank]*** hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ***[insert amount in figures, (insert amount in words)]*** upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

(a) has withdrawn or modifies its Bid:

i) during the period of bid validity specified by the Bidder on the Letter of Technical Bid and Letter of Price Bid, in case of electronic submission

(ii) from the period twenty-four hours prior to bid submission deadline up to the period of bid validity specified by the Bidder on the Letter of Technical Bid and Letter of Price Bid, in case of hard copy submission; or

(b) does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or

(c) changes the prices or substance of the bid while providing information pursuant to clause 29.1 of ITB; or

(d) having been notified of the acceptance of its Bid by the Purchaser during the period of bid



validity, (i) fails or refuses to execute the Contract Agreement, or (ii) fails or refuses to furnish the performance security, in accordance with the ITB.

(e) is involved in fraud and corruption in accordance with the ITB.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copies of the contract signed by the Bidder and the performance security issued to you upon the instruction of the Bidder; and (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder of the name of the successful Bidder; or (ii) thirty (30) days after the expiration of the Bidder's bid which comes to be ***[insert the date]***.

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

This Bank Guarantee shall not be withdrawn or released merely upon return of the original guarantee by the Bidder unless notified by you for the release of the guarantee.

This guarantee is subject to the Uniform Rules for Demand Guarantees, (URDG), 2010 Revisions, ICC Publication No. 758[14] except that the supporting statement under Article 15(a) is hereby excluded.

. . .Bank's seal and authorized signature(s) . . .

Note:
The bid security of ……..……. has been counter guaranteed by the Bank ……..……..…… on …….. ...……..……. (Applicable for Bid Security of Foreign Banks).

[Note: All italicized text is for use in preparing this form and shall be deleted from the final product.]

[14] As the case may be, ICC Publication No. 758 (or subsequent ICC Publications) may be used. In such cases, modify the Publication number.

Manufacturer's Authorization Letter

[*This letter of authorization should be on the letterhead of the manufacturer and should be signed by the person with the proper authority to sign documents that are binding on the manufacturer]*

Date: *[insert date]*

IFB No.: *[insert IFB number]*

To: ***[insert complete name and address of Purchaser]***

WHEREAS ***[insert complete name of Manufacturer or Manufacturer's authorized agent]*** who are official manufacturers of ***[insert type of goods manufactured]*** having factories at ***[insert full address of Manufacturer's factories]***, do hereby authorize ***[insert complete name of Bidder]*** exclusively to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the following Goods, manufactured by us ***[insert name and/or brief description of the goods]*** and to subsequently sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above firm.

Name: ***[insert complete name of person signing the Authorization]***

In the capacity of: ***[insert legal capacity of person signing the Authorization]***

Signed: ***[insert signature of person whose name and capacity are shown above]***

Duly authorized to sign the Authorization for and on behalf of: ***[insert complete name of Manufacture]***

Date: ***[insert date of signing]***

Section V. Schedule of Requirements

The Schedule of Requirements shall be included in the Bidding Documents by the Purchaser, and shall cover, at a minimum, a description of the Goods and Related Services to be supplied and the Delivery Schedules.

The objective of the Schedule of Requirements is to provide sufficient information to enable Bidders to prepare their Bids efficiently and accurately, in particular, the Price Schedule, for which a form is provided in Section IV.

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1 List of Goods and Related Services

The purpose of the List of Goods and Related Services (LGRS) is to briefly describe and specify the quantities of each of the Goods and Related Services that the Purchaser requires the Bidder to include in its Bid. As a part of the SR, the LGRS constitutes a Contract document and, therefore, it is a part of the Contract. The Purchaser must prepare the LGRS and include it as a part of the SR.

"The Goods and Related Services are grouped in lots/packages. Bids on individual lots are not permitted. Only Bids for all of the lots/Packages will be accepted. Single package; bids shall cover all items""

The bidder must fill each blank (both in figure and words) of Bill of Quantities (BOQ) and it should be signed and stamped. In case of any discrepancies Arithmetic errors shall be corrected as per ITB 36.1.

BILL OF QUANTITIES (BOQ)

NEPAL ELECTRICITY AUTHORITY

DISTRIBUTION AND CONSUMER SERVICES DIRECTORATE

KARNALI PROVINCE OFFICE

Bill of Quantity (BOQ)

Job: Supply and Delivery of Fully Galvanized Channels, Stay, ACSR Conductor and Insulators.
Tender No.: NEA_KPO/2083/084-Line Materials-01

FY 2083/084

S.No.	Item	Unit	Qty	Rate	Rate (In words)	Amount	Remarks
	11 KV Line						
1	Fully Galvanized Offset Channel (100*50*6.4*4*__1700 mm__) Approx. wt.13.20kg/pc	Nos.	650				
2	Fully Galvanized Arm brace angle for Offset Channel (40*40*5*__887 mm__) Approx. wt.2.61 kg/pc	Nos.	650				
3	Fully Galvanized Top Crossarm Channel (100x50x50x6x__300__ mm) Approx. wt. as per ISMC 100: 2.82 Kg/pc	Nos.	1500				

4	Fully Galvanized Bottom Crossarm Channel (100x50x50x6x**1200** mm) Approx. wt. as per ISMC 100: 11.5 Kg/pc	Nos.	1500				
5	Fully Galvanized Arm brace (50x6x**660** mm) Approx. wt.: 1.51 Kg/pc	Nos.	3000				
6	Fully Galvanized Long Channel (100x50x50x6x**2390** mm) Approx. wt. as per ISMC 100: 23.25Kg/pc	Nos.	1000				
7	Fully Galvanized Flat Strip for Tr. Mounting (100x6x**600** mm) Approx. wt. : 2.81 Kg/pc	Nos.	750				
8	Fully Galvanized **Pole Clamps** (TC2: 50x6 mm) Approx. wt. 0.81 Kg/pc	Nos	4960				
9	Fully Galvanized **Stay Set** (**Stay Plate: 300x300x6** mm, Stay Rod: M16*1500 mm, Eye Bolt: M16*305 mm, Turn Buckle and Preform tie (4 nos.))	Set	1590				
10	**Stay Wires** 7/12 SWG **(7/2.64mm)**	Kg.	3000				
11	Fully Galvanized Strap for Pin Spindle (50x6x**396** mm) Approx. wt. : 0.98 Kg/pc	Nos.	900				

12	Disc Insulator with Grapher (11 KV)	set	1655				
13	0.05 sq inch ACSR Conductor	km	17				
33 kV Line							
14	Fully Galvanized Top Crossarm Channel (100x50x50x6x**385** mm) Approx. wt. as per ISMC 100: 3.65 Kg/pc	Nos.	300				
15	Fully Galvanized Bottom Crossarm Channel (100x50x50x6x**1900** mm) Approx. wt. as per ISMC 100: 18.45 Kg/pc	Nos.	300				
16	Fully Galvanized Arm brace (50x6x**760** mm) Approx. wt.: 1.79 Kg/pc	Nos.	600				
17	Fully Galvanized Long Channel (100x50x50x6x**3300** mm) Approx. wt. as per ISMC 100: 32.4 Kg/pc	Nos.	100				
18	Fully Galvanized Bracing Angle (50x50x6x**2416** mm) Approx. wt.: 11.19 Kg/pc	Nos.	100				

19	Fully Galvanized Bracing Angle (50x50x6x**2872** mm) Approx. wt.: 13.15 Kg/pc	Nos.	100				
20	Fully Galvanized Strap for Pin Spindle (50x6x**404** mm) Approx. wt. : 1 Kg/pc	Nos.	400				
21	Galvanized Pole Clamps (TC2) (50*6) Approx wt. 0.81 kg/pc	Nos.	600				
22	Galvanized Pole Clamps (TC3) (50*6) Approx wt. 0.97 kg/pc	Nos.	100				
23	Galvanized Pole Clamps (TC4) (50*6) Approx wt. 1.09 kg/pc	Nos.	100				
24	Fully Galvanized **Stay Set** (**Stay Plate: 450x450x6** mm, Stay Rod: M16*1800 mm, Eye Bolt: M16*305 mm, Turn Buckle, Preform tie (4 nos.))	set	500				
25	**Stay Wires** 7/10 SWG **(7/3.25 mm**)	Kg.	3000				
26	33KV pin Insulator with Spindle	set	3000				
27	0.1 sq inch ACSR Conductor	km	10				

28	Hot Dip Galvanized Full Thread **Nut Bolts**						
	a) Size: 10"x5/8"	Kg.	1000				
	b) Size: 8"x4/8"	Kg.	1000				
	c) Size: 7"x4/8"	Kg.	2000				
	d) Size: 6"x4/8"	Kg.	200				
	e) Size: 3"x4/8"	Kg.	200				
	SUB-TOTAL						
	VAT @13%						
	TOTAL WITH VAT						
	In words:						

2. Delivery and Completion Schedule

Delivery shall take place in compliance with the dates, duration, and locations indicated below:

(I) in case of Delivery schedule is not determined as evaluation criteria. The time for the completion of delivery of whole of the contract items is: ***120 days from the date of effectiveness of the contract.***

[The Purchaser shall fill in this table from column 1 to 6]

Line Item No	**Description of Goods**	**Quantity**	**Final Destination**	**Delivery Date**
1.	**2**	**3**	**5**	**6**
1	Insulators Item and Channel item	50% Of the BOQ	NEA, Karnali Province Office, Surkhet	**Within 60 days** from the date of effectiveness of the Contract
2	Insulators Item, channels, conductors and other items	50% of BOQ from supplied items in 1st lot and 100% of BOQ item for items in 2nd lot	NEA, Karnali Province Office, Surkhet	Within **next 60 days**

Note: The date of effectiveness of contract shall be as of signing the contract

3. Technical Specification

A. GALVANISED STEEL BOLTS, NUTS

1. **Scope**

1.1 This Specification covers the fabrication and supply of galvanized steel bolts and nuts, as specified herein, for use in overhead electric line construction.

2. **Material**

2.1 The bolts and nuts shall be manufactured and tested in accordance with IS: 1363 (Part I)-1984 or the latest version thereof or any other national or international standards that ensures at least equal or better quality to the standard mentioned above, will also be acceptable.

3. **General**

3.1 Bolts and nuts shall be furnished in the types, diameters and lengths specified in the Schedules of Rates and Prices. **However, the dimensions and length of threading of bolt must be confirmed with the Project prior to manufacture**.

3.2 Thread forms shall be consistent with all material/items listed herein and shall not strip or slip under sustained tensile loading equal to the design tensile strength of the threaded material item.

3.3 The manufacturer must have been accredited with ISO 9001:2000 with design and manufacturing quality certification.

4. **Machine Bolt and Nut**

4.1 Each machine bolt shall be furnished with two (2) hexagonal nuts and two (2) plain washers assembled thereon.

5. **Double-Arming Bolt and Nut**

5.1 Each double-arming bolt shall be furnished with four (4) hexagonal nuts and two (2) washers assembled thereon.

6. **Galvanizing**

6.1 The Nuts, Bolts items shall be galvanized after fabrication in accordance with IS: 2629-1985 or any revision thereof or other equivalent national or international standard provided that ensure at least equal or better quality to the standard mentioned above will also be acceptable. ***Zinc Coating 560 gm/m2.***

7. **Tests**

7.1 The bolt and nut shall undergo type and routine tests in accordance with the relevant governing standard.

8. **Quality Assurance Program**

Along with the Bid the Bidder shall furnish quality assurance program of the manufacturer which includes the Quality System and the Quality Plans, which shall include, among others, information to meet the following requirement, failing which the Bid shall be liable for rejection.

i. The structure of the organization;
ii. The duties and responsibilities assigned to staff ensuring quality of works;
iii. The system for purchasing, taking delivery and verification of materials;
iv. The system for ensuring quality of workmanship;
v. The quality assurance arrangement shall conform to relevant requirements of ISO9001;
vi. Statement giving list of important raw materials, names of manufacturer for the raw materials, list of standards according to which the raw materials are tested, list of test normally carried out on raw materials;
vii. List of manufacturing facilities available;
viii. List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections;
ix. List of testing equipment available with the manufacturer for final testing of equipment specified and the test plant limitation, if any, vis-à-vis the type, special, acceptance and routine tests specified in the relevant standards.

9. **Bid Documentation**

9.1 The Bidder shall provide with the Bid two (2) clear copies of the governing standards for fabrication and testing of bolt and nut and two (2) clear copies of all other relevant standards referenced therein.

9.2 The Bidder shall provide certified type test results of bolt and nut as required by governing standards.

9.3 The Bidder shall provide catalogue and certified dimensional drawings of all types of bolt and nut.

9.4 A clause-by-clause commentary on specification, specifying compliance and deviations, if any.

9.5 All data, drawings, catalogues and other technical documents shall be bound separately from the Bid documents.

B. CROSSARMS AND BRACING ANGLES

1. **Scope**

This Specification covers the fabrication and supply of galvanized steel cross-arms and bracing members commonly used in overhead power line construction.

2. **Material**

2.1 The steel cross-arms shall be fabricated from hot rolled channels and angles.

2.2 The steel channels and angles shall be fabricated and tested in accordance with Indian Standards IS: 226-1975 (or equivalent IS 2062 E250) and IS-808-1964 or any revision thereof or other equivalent national or international standard provided that ensure at least equal or better quality to the standard mentioned above will also be acceptable. The minimum tensile strength of the steel shall be 4200 kg/cm^2.

3. **Description**

3.1 The steel cross-arms and bracing angles shall be of sizes shown in the Table 1: Cross-arms and bracing angles, contained herein.

3.2 Drawing, conceptual hole pattern and size of holes on cross-arm channels must be submitted for approval prior to the manufacture.

3.3 The surface of the steel shall be flat after drilling or (punching) and free of dimpling or imperfections. The hole edges shall be broken by reaming. The holes shall be full dimension after galvanizing and no minus tolerance of specified hole size will be accepted.

3.3 The steel cross-arm and bracing angles shall be furnished reasonably smooth on all surfaces and free of burrs or sharp projections.

4. **Galvanizing**

4.1 The steel cross-arms and bracing angles shall be galvanized after fabrication in accordance with IS: 2629-1985 or any revision thereof or other equivalent national or international standard provided that ensure at least equal or better quality to the standard mentioned above will also be acceptable.. T***he zinc coating shall be: Zinc Coating 460 gm/m2.***

5. **Tests**

5.1 Apart from the tests indicated herein in the referenced standards, the channels and angles shall undergo following tests:

- Visual Inspection;
- Verification of Dimensions;

6. **Quality Assurance Program**

Along with the Bid the Bidder shall furnish quality assurance program of the manufacturer which includes the Quality System and the Quality Plans, which shall include, among others, information to meet the following requirement, failing which the Bid shall be liable for rejection.

i. The structure of the organization;

ii. The duties and responsibilities assigned to staff ensuring quality of works;
iii. The system for purchasing, taking delivery and verification of materials;
iv. The system for ensuring quality of workmanship;
v. The quality assurance arrangement shall conform to relevant requirements of ISO9001;
vi. Statement giving list of important raw materials, names of manufacturer for the raw materials, list of standards according to which the raw materials are tested, list of test normally carried out on raw materials;
vii. List of manufacturing facilities available;
viii. List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections;
ix. List of testing equipment available with the manufacturer for final testing of equipment specified and the test plant limitation, if any, vis-à-vis the type, special, acceptance and routine tests specified in the relevant standards.

7. Bid Documentation

7.1 The Bidder shall provide with the Bid two (2) clear copies of the governing standards for fabrication and testing of channels and angles and two (2) clear copies of all other relevant standards referenced therein.

7.2 The Bidder shall provide a complete description, catalogue and certified dimensional drawings of all channels and angles.

7.3 A clause-by-clause commentary on specification, specifying compliance and deviations, if any.

7.4 All data, drawings, catalogues and other technical documents shall be bound separately from the Bid documents.

C. FLAT CROSSARM BRACE

1. **Scope**

This Specification covers the fabrication, testing and supply of flat, galvanized steel cross-arm braces.

2. **Material**

2.1 The flat cross-arms brace shall be fabricated out of hot rolled steel flat.

2.2 The steel flat for cross-arms brace shall be fabricated and tested in accordance with Indian Standards IS: 226-1975 (or IS 2062 E250), and IS-1731-1971 or any revision thereof or other equivalent national or international standard provided that ensure at least equal or better quality to the standard mentioned above will also be acceptable. The minimum tensile strength of the steel shall be 4200 kg/cm^2.

3. **Description**

3.1 The brace shall be furnished reasonably smooth on all surfaces and free of burrs or sharp projections.

3.2 The surface of the steel shall be flat after drilling or (punching) and free of dimpling or imperfections. The hole edges shall be broken by reaming. The holes shall be full dimension after galvanizing and no minus tolerance of specified hole size will be accepted.

3.3 The brace shall have a minimum tensile strength of 3182 kg at the bolt-hole and bolt slot.

3.4 The brace shall be capable of being bent 10 degrees at the bolt hole or slot and 140 degrees at any point between hole and slot without cracking of the base metal on the outside of bent portion.

3.5 The brace shall be drilled and dimensioned in accordance with Drawing which will be submitted by supplier for approval.

4. **Galvanizing**

4.1 The flat cross arm brace shall be hot dipped galvanized after fabrication in accordance with IS: 2629-1985 or any revision thereof or other equivalent national or international standard provided that ensure at least equal or better quality to the standard mentioned above will also be acceptable. Zinc Coating 460 gm/m2

5. **Tests**

5.1 Apart from the tests indicated herein in the referenced standards, the flat cross arm brace shall undergo following tests:

- Visual Inspection;
- Verification of Dimensions;

6. **Quality Assurance Program**

Along with the Bid the Bidder shall furnish quality assurance program of the manufacturer which includes the Quality System and the Quality Plans, which shall include, among others, information to meet the following requirement, failing which the Bid shall be liable for rejection.

i. The structure of the organization;

ii. The duties and responsibilities assigned to staff ensuring quality of works;

iii. The system for purchasing, taking delivery and verification of materials;

iv. The system for ensuring quality of workmanship;

v. The quality assurance arrangement shall conform to relevant requirements of ISO9001;

vi. Statement giving list of important raw materials, names of manufacturer for the raw materials, list of standards according to which the raw materials are tested, list of test normally carried out on raw materials;

vii. List of manufacturing facilities available;

viii. List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections;

ix. List of testing equipment available with the manufacturer for final testing of equipment specified and the test plant limitation, if any, vis-à-vis the type, special, acceptance and routine tests specified in the relevant standards.

7. **Bid Documentation**

7.1 The Bidder shall provide with the Bid two (2) clear copies of the governing standards for fabrication and testing of flat cross arm brace and two (2) clear copies of all other relevant standards referenced therein.

7.2 The Bidder shall provide a complete description, catalogue and certified dimensional drawings of flat cross arm brace.

7.3 A clause-by-clause commentary on specification, specifying compliance and deviations, if any.

7.4 All data, drawings, catalogues and other technical documents shall be bound separately from the Bid documents.

D. TRANSFORMER PLATFORMS (FLAT ARM CHANNEL)

1. **Scope**

1.1 This specification covers the fabrication and supply of transformer platforms used in overhead power line construction.

2. **Material**

2.1 The transformer platform shall be fabricated from hot rolled channels, angles and steel members.

2.2 The steel channels and angles for transformer platform shall be fabricated in accordance with Indian Standards IS: 226-1975 (or IS 2062 E250) and IS-808-1964 or any revision thereof or other equivalent national or international standard provided that ensure at least equal or better quality to the standard mentioned above will also be acceptable. The minimum tensile strength of the steel shall be 4200 kg/cm^2.

3. **Description**

3.1 The platform shall be fabricated out of galvanized steel members, field assembled by bolting.

3.2 The platform will support the transformer above the ground and will be supported by two-pole structures of steel tubular or Steel Tubular (STEEL TUBULAR) poles. Transformers will be bolted to the platform at four (4) points. Provision should be made for the mounting of transformers of different physical dimensions and ratings up to 200 kVA.

3.3 The platform shall be designed by the supplier and fabricated, in general, in accordance with the conceptual configuration shown in Dwg. A5 contained herein. The design shall provide support for a transformer of a minimum of 1500 kg in weight with a minimum safety factor of 2.0. The Platform shall be stiff and shall be capable of withstanding horizontal forces and an overturning moment due to seismic effects on a transformer with centre of gravity 0.5 meter above its base and seismic horizontal acceleration of 0.4g. The platform shall be stiff and shall not visibly deflect under static loading.

3.4 The platform shall be supplied disassembled, complete with all required members and fastenings. Packing may be made by banding structural members. Fastenings shall be separately packed. Structural members shall be clearly identified for ease of assembly in accordance with the assembly drawing furnished by the supplier.

3.5 The platform shall be suitable for fixing to support poles of 150 to 250 mm diameter in the case of poles, and to STEEL TUBULAR poles of rectangular section with 250 to 350 mm in width and 140 to 180 mm depth.

4. **Galvanizing**

4.1 All ferrous parts of transformer platform shall be galvanized after fabrication in accordance with IS: 2629-1985 or any revision thereof or other equivalent national or international standard provided that ensure at least equal or better quality to the standard mentioned above will also be acceptable.

5. **Tests**

5.1 Apart from the tests indicated herein in the referenced standards, the transformer platform shall undergo following tests:

- Visual Inspection;
- Verification of Dimensions;

6. **Quality Assurance Program**

Along with the Bid the Bidder shall furnish quality assurance program of the manufacturer which includes the Quality System and the Quality Plans, which shall include, among others, information to meet the following requirement, failing which the Bid shall be liable for rejection.

i. The structure of the organization;
ii. The duties and responsibilities assigned to staff ensuring quality of works;
iii. The system for purchasing, taking delivery and verification of materials;
iv. The system for ensuring quality of workmanship;
v. The quality assurance arrangement shall conform to relevant requirements of ISO9001;
vi. Statement giving list of important raw materials, names of manufacturer for the raw materials, list of standards according to which the raw materials are tested, list of test normally carried out on raw materials;
vii. List of manufacturing facilities available;
viii. List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections;
ix. List of testing equipment available with the manufacturer for final testing of equipment specified and the test plant limitation, if any, vis-à-vis the type, special, acceptance and routine tests specified in the relevant standards.

7. **Bid Documentation**

7.1 A preliminary design of the platform shall be submitted with the Bid. Data to be supplied with the preliminary design shall be:

a) Steel classification proposed to be used and the characteristics thereof;
b) Two copies of Preliminary detail drawings of the proposed platform;
c) Data regarding:
   1) Vertical and horizontal loading on poles,
   2) Resultant safety factor,
   3) Resultant deflection,
   4) Resultant percent of allowable tension, compression, and shear limits for the steel selected and associated fastening,
   5) Moments on pole due to seismic effects on the platform and transformers.

7.2 A clause-by-clause commentary on specification, specifying compliance and deviations, if any.

7.3 All data, drawings, catalogues and other technical documents shall be bound separately from the Bid documents.

E. POLE CLAMPS

1. **Scope**

1.1 This Specification covers the fabrication and supply of galvanized steel pole clamps with nuts, bolts and washers for use on overhead power line construction.

2. **Material**

2.1 The pole clamp shall be fabricated out of hot-rolled steel flat.

2.2 The steel flat for pole clamp shall be fabricated and tested in accordance with Indian Standards IS: 226-1975, (or IS 2062 E250) and IS-1731-1971 or any revision thereof or other equivalent national or international standard provided that ensure at least equal or better quality to the standard mentioned above will also be acceptable. The minimum tensile strength of the steel shall be 4200 kg/cm^2.

3. **Description**

3.1 Outline details of pole clamps will be shown in the drawings which will be submitted by supplier for approval. Dimensions may be changed to comply with the final pole sizes selected. Therefore, the dimensions must be confirmed with the Project prior to manufacture.

3.2 Two (2) numbers of galvanized, 16 mm. (dia.) × 60mm. (length), fully threaded bolts with two (2) nuts and washers shall be provided with each pole clamp.

3.3 The fittings shall be free of burrs, splinters, splits, sharp points and edges, which may damage conductors or show evidence of poor workmanship.

3.4 The surface of the steel shall be flat after drilling or (punching) and free of dimpling or imperfections. The hole edges shall be broken by reaming. The holes shall be full dimension after galvanizing and no minus tolerance of specified hole size will be accepted.

3.5 The pole clamps shall have a minimum tensile strength of 3182 kg at the bolt-hole and bolt slot.

4. **Galvanizing**

4.1 The pole clamps and nut, bolts and washers shall be galvanized after fabrication in accordance with IS: 2629-1985 or any revision thereof or other equivalent national or international standard provided that ensure at least equal or better quality to the standard mentioned above will also be acceptable. Zinc Coating 460 gm/m2

5. **Tests**

5.1 Apart from the tests indicated herein in the referenced standards, the pole clamps shall undergo following tests:

- Visual Inspection;
- Verification of Dimensions;

6. **Quality Assurance Program**



Along with the Bid the Bidder shall furnish quality assurance program of the manufacturer which includes the Quality System and the Quality Plans, which shall include, among others, information to meet the following requirement, failing which the Bid shall be liable for rejection.

i. The structure of the organization;
ii. The duties and responsibilities assigned to staff ensuring quality of works;
iii. The system for purchasing, taking delivery and verification of materials;
iv. The system for ensuring quality of workmanship;
v. The quality assurance arrangement shall conform to relevant requirements of ISO9001;
vi. Statement giving list of important raw materials, names of manufacturer for the raw materials, list of standards according to which the raw materials are tested, list of test normally carried out on raw materials;
vii. List of manufacturing facilities available;
viii. List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections;
ix. List of testing equipment available with the manufacturer for final testing of equipment specified and the test plant limitation, if any, vis-à-vis the type, special, acceptance and routine tests specified in the relevant standards.

7. **Bid Documentation**

7.2 The Bidder shall provide a complete description, catalogue and two (2) copies of certified dimensional drawings of pole clamps.

7.3 A clause-by-clause commentary on specification, specifying compliance and deviations, if any.

7.4 All data, drawings, catalogues and other technical documents shall be bound separately from the Bid documents.

GALVANISED STEEL BOLTS, NUTS AND MISCELLANEOUS FASTENING COMPONENTS

1. **Scope**

1.1 This Specification covers the fabrication and supply of galvanized steel bolts and nuts, as specified herein, for use in overhead electric line construction.

2. **Material**

2.1 The bolts and nuts shall be manufactured and tested in accordance with IS: 1363 (Part I)-1984 or the latest version thereof or any other national or international standards that ensures at least equal or better quality to the standard mentioned above, will also be acceptable.

3. **General**

3.1 Bolts and nuts shall be furnished in the types, diameters and lengths specified in the BOQ (Section V-1), (Schedules of Rates and Prices). **However, the dimensions and length of threading of bolt must be confirmed with the Project prior to manufacture**.

3.4 Thread forms shall be consistent with all material/items listed herein and shall not strip or slip under sustained tensile loading equal to the design tensile strength of the threaded material item.

3.5 The manufacturer must have been accredited with ISO 9001:2000 (2015) with design and manufacturing qualfity certification.

4. **Machine Bolt and Nut**

4.1 Each machine bolt shall be furnished with two (2) hexagonal nuts and two (2) plain washers assembled thereon.

5. **Double-Arming Bolt and Nut**

5.1 Each double-arming bolt shall be furnished with four (4) hexagonal nuts and two (2) washers assembled thereon.

6. **Galvanizing**

6.1 The Bolts, nuts and washers shall be hot-dip galvanized after fabrication in accordance with IS: 2629-1985 or any revision thereof or other equivalent national or international standard provided that ensure at least equal or better quality to the standard mentioned above will also be acceptable. ***Zinc Coating 560 gm/m2.***

7. **Tests**

7.1 The bolt and nut shall undergo type and routine tests in accordance with the relevant governing standard.

8. **Quality Assurance Program**

Along with the Bid the Bidder shall furnish quality assurance program of the manufacturer which includes the Quality System and the Quality Plans, which shall include, among others, information to meet the following requirement, failing which the Bid shall be liable for rejection.

i. The structure of the organization;
ii. The duties and responsibilities assigned to staff ensuring quality of works;
iii. The system for purchasing, taking delivery and verification of materials;

iv. The system for ensuring quality of workmanship;
v. The quality assurance arrangement shall conform to relevant requirements of ISO9001;
vi. Statement giving list of important raw materials, names of manufacturer for the raw materials, list of standards according to which the raw materials are tested, list of test normally carried out on raw materials;
vii. List of manufacturing facilities available;
viii. List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections;
ix. List of testing equipment available with the manufacturer for final testing of equipment specified and the test plant limitation, if any, vis-à-vis the type, special, acceptance and routine tests specified in the relevant standards.

9. **Bid Documentation**

9.1 The Bidder shall provide with the Bid two (2) clear copies of the governing standards for fabrication and testing of bolt and nut and two (2) clear copies of all other relevant standards referenced therein.

9.2 The Bidder shall provide certified type test results of bolt and nut as required by governing standards.

9.3 The Bidder shall provide catalogue and certified dimensional drawings of all types of bolt and nut.

9.4 A clause-by-clause commentary on specification, specifying compliance and deviations, if any.

9.5 All data, drawings, catalogues and other technical documents shall be bound separately from the Bid documents.

TABLE 1: STEEL CROSSARM CHANNEL, ANGLE BRACES, Pole Clamps and Nut Bolts

1	**For 11 kV**	
1	Fully Galvanized Top Crossarm Channel	[(100*50*50*300, as per ISMC 100)mm, Approx Weight : 2.82Kg]
2	Fully Galvanized Crossarm Channel	[(100*50*50*1200, as per ISMC 100)mm, Approx Weight : 11.5Kg]
3	Fully Galvanized Arm brace	[(50*6*660 IS 1731)mm, Approx Weight: 1.51Kg]
4	Fully Galvanized Long Channel	[(100*50*50*2390, as per ISMC 100)mm, Approx Weight : 23.25Kg]
5	Fully Galvanized Channel for Transformer Mounting	[(100*6*600, as per IS 1731)mm, Approx Weight : 2.81Kg]
6	Fully Galvanized Strap for Pin spindle	[(50*6*396, as per IS 1731)mm, Approx Weight : 0.98Kg]
7	Fully Galvanized Pole Clamps	(Different Size: TC2: 0.81Kg),
8	Fully Galvanized Offset Channel	[100*50*6.4*4*1700)] mm, Approx wt. 13.20kg
9	Fully Galvanized Arm brace for offset channel	[40*40*5*887]mm, Approx.wt.2.61 kg
	For 33kV	
1	Fully Galvanized Top Crossarm Channel	[(100*50*50*385, as per ISMC 100)mm, Approx Weight: 3.65Kg]
2	Fully Galvanized Crossarm Channel	[(100*50*50*1900, as per ISMC 100)mm, Approx Weight: 18.45Kg]
3	Fully Galvanized Arm brace	[(50*6*760)mm as per IS 808, Approx Weight as per 1.79Kg]
4	Fully Galvanized Long Channel	[(100*50*50*3300, as per ISMC 100)mm, Approx Weight: 32.4Kg]
5	Fully Galvanized Bracing Angle	[(50*50*6*2416, as per IS 808)mm, Approx Weight: 11.19Kg]
6	Fully Galvanized Bracing Angle Cross	[(50*50*6*2872, as per IS 808)mm, Approx Weight: 13.15Kg]
7	Fully Galvanized Strap for Pin spindle	[(50*6*404, as per IS 1731)mm, Approx Weight : 1 Kg]



ACSR CONDUCTOR

1.1 Scope

This specification covers the design, manufacturing/fabrication, supply and site delivery of Aluminum conductor steel reinforced (ACSR) commonly used on overhead power/distribution line construction.

1.2. Description

1.2.1 All conductors should be of Aluminum Conductors Steel Reinforced (ACSR) construction and shall be manufactured in strict conformity to BS215 Part 2. The ACSR conductor shall be fabricated in accordance with British Standards Institution Specification BS 215-2:1970 / BS EN 50182 or IS 398 (Part 2):1996".

The steel core and the first layer of aluminum shall be greased. The grease shall be of neutral type and at a temperature of 100º C and the grease neither flow nor extrude from the conductor. The grease shall retain its properties as resistance to oxidation and chemical stability at all service temperatures. The steel strands of ACSR conductor shall be performed so that they remain inert and do not move relative to each other when the conductor is out. The outermost layer of all conductors shall be stranded with right hand lay.

The correct tension must be maintained on the stranding machine when spinning the cable to avoid the possibility of bird caging during stringing. Any condition not complying may be rejected at the discretion of the Engineer.

The ACSR conductors must be manufactured by a company approved to quality standard ISO 9001 or ISO 9002. The ISO certification number, the name of the authorized approving authority with the contact address and telephone and fax numbers shall also be stated. The Bidder shall enclose a verified copy of the ISO certificate with the bid.

The purity of the Aluminum shall be the highest commercially available and not less than 99.5%, the copper content not exceeding 0.48%. The contractor shall submit the certificates of analysis giving the percentage and the nature of any impurities in the metal from which the wires are made. Aluminum wire shall be made to BS2627 and steel wires to BS4565.

Precaution shall be taken during the manufacturing, storage and erection of steel core aluminum conductors to prevent the possibility of contamination by copper or other materials, which may adversely affect the aluminum. The manufacture of steel core aluminum shall be carried out in a portion of factory specially set aside for such purposes. Machinery previously used in the manufacture of copper or copper-bearing conductors shall not be for the manufacture of these aluminum or steel wires. The size and the composition of the entire conductor shall be as stated in general specification.

The conductors shall be supplied on drums of approved construction. The drums shall be securely battened to protect the conductor. Drum battens shall not be removed until the drum is properly mounted on the drum station on line and battens shall be immediately refitted to the drum if any surplus conductor is left therein. Each drum shall be marked be marked the manufacturer's name, direction of rolling, any mark, code name, the length, size stranding, net weight, gross weight, approximate measurement and production date of the

conductor and manufacturing batch number incised. The standard length of the conductor in a Drum shall be as shown in the table below:

S.N.	Conductor Size, Sq.Inch	0.05"RABBIT"	0.1 "DOG"
1	Normal length of the conductor, m	2000	1000

However NEA may ask the supplier to supply conductor of 1 km length per coil and coiled without drum if required. The supplier shall quote the individual weight of the conductor and weight of the drum on which it is rolled.

It is made clear to the contractor that the guaranteed weight of the conductor, 0.05 Sq.inch size ACSR "RABBIT" is 214 Kg per km and 0.1 Sq. inch size ACSR "DOG" is 394 Kg per km. For any reduction in the actual weight of the conductor from guaranteed weight, the deduction on the contract cost will be made by the NEA for the reduced weight as per the rate quoted on the price schedule. However, no extra cost will be paid to the contractor for the increased weight (hence length of the conductor).

1.3. General Specification:

The ACSR Conductor to be supplied under this contract shall bear the following technical particulars:

S.N.	**Description**	**DOG**	**Remarks**
1	Size	118.5 mm^2	
2	Number/Diameter of wire		
	a. Aluminium	6/4.72 mm	
	b. Steel	7/1.57 mm	
3	Cross Section:		
	a. Aluminium	105 mm^2	
	b. Steel	13.552 mm^2	
	c. Total	118.5 mm^2	
4	Conductor Diameter	14.15 mm	
5	Ultimate Strength	3334 Kgf	
6	Coefficient of Linear Expansion/^{0}C	$19.8*10^{-6}$	
7	Standard Mass of Conductor	394 Kg/Km	
8	Electrical DC Resistance at 20^{0}C	0.2733 Ohm/Km	
9	Standard Non Jointed Length on reel	1000 m	
10	Breaking Load	32.70 kN	
11	Nominal area	100 mm^2	
12	Standards	BS 215-2 / IEC 61089 / IS 398-2	

	Description	**RABBIT**
1	Size	61.7 mm2
2	Number/Diameter of wire	
	a. Aluminium	6/3.35
	b. Steel	1/3.35
3	Cross Section:	
	a. Aluminium	52.88 mm2
	b. Steel	8.81 mm2
	c. Total	61.70 mm2
4	Conductor Diameter	10.05 mm
5	Ultimate Strength	1871 kg
6	Modulus of Elasticity	0.8055 x 10^6
7	Coeficient of Linear Expansion	19.1 x 10^-6
8	Standard Mass of Conductor	214 kg /km
9	Electrical DC Resistance at 20'C	0.5426 ohm/km
10	Standard Non Jointed Length on reel	2000m
11	Breaking Load	18.35 kN
12	Mass of Zn Coating in steel strands	244 gm/m2
13	Nominal aluminium area	50 mm²
14.	Standard	BS 215-2 / IEC 61089 / IS 398-2

1.4. Tests

The manufactured conductors shall be subjected to the routine test at the manufacturer's premises before shipment.

Inspection and Testing of Goods at manufacturer's premises:

a. The inspection and testing of goods shall be in accordance with the provision of technical specification. There shall be two (2) representatives from the Purchaser for each lot of delivery schedule.

b. Whenever the Supplier is ready to carry such test and inspection, it shall give at least 15 days advance notice, including the place and time, to the manufacturer any necessary permission or consent to enable the Purchaser or its designed representative to attend the test and/or inspection. Upon Supplier's such notification, the Purchaser shall notify the Supplier in writing of the identify of representatives retained for these purposes. The Purchaser shall bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, travelling and board and lodging expenses.

The following tests will be carried out as per IS 398 (Part 2):1996Aluminum Conductor, ACSR Conductor (Second edition):

a. Breaking Load Test
b. Ductility Test
    (i) Torsion test
    (ii) Elongation Test
c. Wrapping Test for Al. wires & Galvanized Steel wires
d. Resistance test
e. Galvanizing test

Each reel of conductor furnished shall contain only one length of conductor in other words there should not be any joint in the conductor rolled in a reel

The inspections and tests may also be conducted at the GOOD's final destination in Nepal at no cost to the Purchaser.

1.5 Packaging

Each reel of conductor furnished shall contain only one (1) length of cable. In other words there should not be any joint in the conductor rolled in a reel.

1. The conductor drum shall be made of steel suitably protected against corrosión drums *(adhere to IS 1778: 1980).* Protective external lagging of sufficient thickness shall be provided and fitted closely on the reels. Binder consisting of steel straps shall be provided over the external laggings. The drum shall be new and sufficiently rugged in construction to withstand ocean shipping, road transport, several loading and unloading, storage in tropics, hauling and field erection of conductor without distortion or disintegration.

2. All reel shall be legibly marked in paint with the following information:
    - ❖ Size of conductor
    - ❖ Type of conductor
    - ❖ Color of insulation (if applicable)
    - ❖ Length in meters
    - ❖ Net weight of conductor
    - ❖ Direction of rolling
    - ❖ Total weight of the whole reel

1.6 Bid Documentation:

The bidder shall provide with the bid two (2) clear copies of the standard governing fabrication of the conductor and two (2) clear copies of all other specification referenced therein as relevant to the fabrication and testing of the ACSR conductor. The supplier shall also provide with the certificate of compliance, as specified in BS215Part2: 1970 at the time

of the shipment of each lot of conductor or as required by the appropriate selection of the equivalent national standard. The Bidder shall provide certified test results of all types of ACSR conductors as required by governing standards.

All data, drawings, catalogue and others technical documents shall be bound separately from the Bid documents.

STAY SET

1. **Scope**

This Specification covers the fabrication and supply of adjustable threaded, galvanized steel stay sets for use in overhead line construction.

2. **Material**

2.1 The stay set shall consist of mild steel, galvanized stay rod, stay tightener (turn buckle) or adjustable head, eyebolt for Steel Tubular pole or two-way clamp and twisted double-eye for steel tubular pole, complete with stay plate.

2.2 The manufacturer of the Stay Set must have been accredited with ISO 9001 or ISO 9002 quality certification.

2.3 The stay rod and stay tightener shall be made of mild steel of minimum ultimate tensile strength of 4200-kg/sq. cm and for stay rod Zinc Coating 460 gm/m2 min.

2.4 The stay plate shall be square type mild steel plate IS: 2629-1985 or any revision thereof.

2.5 Turnbuckle should be Hot Dip Galvanized, suitable size of LT/HT stay, Pipe tubular 400 mm length, Internal thread in both directions, Thickness 3.5 mm.

2.6 Eye bolt should be Hot Dip Galvanized, 16 dia x 300 (150mm thread).

3. **Description**

3.1 Conceptual drawings of stay set and its associate hardware shall be submitted by the bidder before manufacture and technical features and dimensions in Table 1.

3.2 The stay rod is either thimble-eye type or twin-eye type. The stay rod and suitable nut shall be fabricated to the shape and dimensions table 1. The thimble-eye or twin-eye of the stay rod shall be made by drop forged processing. The thread form at the threaded end of the rod, and that of the accompanying nut, shall be optional with the supplier. However, it shall be the responsibility of the Supplier to supply the stay rod with a thread form that shall sustain the rated loads specified in Table 1 without creep or stripping over the full life of the rod material at specified diameter.

3.3 The stay tightener shall be fabricated in accordance technical specification and approved drawing.

3.4 The eyebolt shall be oval-eye type. The eyebolt shall be made by drop-forged processing. The eyebolt shall be supplied with suitable nut and washer.

3.5 The two-way clamp required for mounting stay set (stay tightnener) in steel tubular pole shall be made of hot-rolled steel flat. The clamp shall be two halve type and shall be provided

with two numbers of nuts and bolts, diameter not less than 19 mm. The both ways of the clamp shall be suitable for accommodating two numbers of twisted double-eye fittings described in Clause 3.5 below. The two-way clamp shall be following types:

a) Type A: Suitable for pole diameter ranging from 180-230 mm.

b) Type B: Suitable for pole diameter ranging from 140-180 mm.

3.6 The twisted double eye shall be made by drop-forged processing. The twisted double-eye shall be twisted in 90^0. The diameter of the steel shall not be less than 16 mm., and eye of the twisted-eye shall be suitable for accommodating sty tightener.

3.7 The Stay plate shall be square and the plate shall have a matching hole at the center to fit the end of the stay rod.

3.8 After galvanizing, the nut and rod threading shall be such that the nut may be run the full length of the thread without the use of tools.

4. Galvanizing

4.1 All ferrous parts of the stay set shall be galvanized after fabrication in accordance with IS: 2629-1985or the latest version thereof or any other national or international standards that ensures at least equal or better quality to the standard mentioned above, will also be acceptable.

5. Tests

5.1 Apart from the tests indicated in the relevant referenced standards of steel, the stay set shall undergo following type tests:

- Visual Inspection.
- Verification of Dimensions.
- Tensile test: The stay set assemblies shall withstand a minimum tensile loads specified in Table 1.
- Bend test: The stay rod shall be bend-tested over a mandrel of 19 mm through an angle of 90 degrees at any point in the un-threaded section of the rod without fracture of the steel. Temperature of the test shall be 22.5 deg Celsius.

5.2 Routine tests shall be performed on each batch of the stay sets as per the relevant governing standards.

6. Quality Assurance Program

Along with the Bid the Bidder shall furnish quality assurance program of the manufacturer which includes the Quality System and the Quality Plans, which shall include, among others, information to meet the following requirement, failing which the Bid shall be liable for rejection.

i. The structure of the organization;
ii. The duties and responsibilities assigned to staff ensuring quality of works;
iii. The system for purchasing, taking delivery and verification of materials;

iv. The system for ensuring quality of workmanship;
v. The quality assurance arrangement shall conform to relevant requirements of ISO9001;
vi. Statement giving list of important raw materials, names of manufacturer for the raw materials, list of standards according to which the raw materials are tested, list of test normally carried out on raw materials;
vii. List of manufacturing facilities available;
viii. List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections;
ix. List of testing equipment available with the manufacturer for final testing of equipment specified and the test plant limitation, if any, vis-à-vis the type, special, acceptance and routine tests specified in the relevant standards.

7. **Bid Documentation**

7.1 The Bidder shall provide a complete description, catalogue and two (2) clear copies of certified dimensional drawings of all the components of the stay set.

7.2 A clause-by-clause commentary on specification, specifying compliance and deviations, if any.

7.3 All data, drawings, catalogues and other technical documents shall be bound separately from the Bid documents.

TABLE 1
RATINGS AND FEATURES

Stay Set (11KV)

S.N.	Description	Unit	Quantity
1	Stay Plate (300*300*6)mm	Nos	1
2	Stay Rod (Length: 1.5m, Diameter: 16mm) (Ultimate tensile strength: 4200kg/sq.cm)	Nos	1
3	Turn Buckle (4200kg/sq.cm)	Set	1
4	Preform Wire Compatible for Stay Wire of size 7/12 SWG	Set	4
5	Eye Bolt and Washer (M 16*300mm)	Set	1
6	Galvanization	IS: 2629-1985	
7.	Minimum tensile load to withstand	>= 26.8 kN	

Stay Set (33KV)

S.N.	Description	Unit	Quantity
1	Stay Plate (450*450*6)mm	Nos	1
2	Stay Rod (Length: 1.8m, Diameter: 16mm) (Ultimate tensile strength: 4200kg/sq.cm)	Nos	1
3	Turn Buckle (4200kg/sq.cm)	Set	1

4	Preform Wire Compatible for Stay Wire of size 7/10 SWG	Set	4
5	Eye Bolt and Washer (16*300mm)	Set	1
6	Galvanization	IS: 2629-1985	
7.	Minimum tensile load to withstand	>= 40.65kN	

B. STRANDED STAY WIRE

1. **Scope**

This Specification covers the fabrication and supply of galvanized stranded steel wire for use in overhead power line as stay wire ropes for line supports.

2. **Description**

2.1 The steel strand shall be fabricated in accordance with B.S. 183 1972/(1983) or any revision thereof or other equivalent national or international standard provided that the resulting steel stock is of equal quality and strength. The minimum tensile strength of the steel shall be 4200 kg/cm^2. The wires shall be 45-ton quality.

2.2 The steel wire strand shall have a left-hand lay. The steel wires shall have no joint throughout the whole length. Strands shall be uniform and shall have no defects such as cracks, dust encapsulation or crevices. Further details are given in Table 1 herein.

2.3 The manufacturer of the Stranded Stay Wire must have been accredited with ISO 9001 or ISO 9002 quality certification.

3. **Galvanizing**

3.1 The wire shall be hot-dip galvanized before stranding, coating to IS 4826 / BS 183 or any revision thereof or any other national or international standards that ensure at least equal or better quality to the standard mentioned above will also be acceptable.

4. **Tests**

4.1 The stranded stay wire shall undergo type and routine tests in accordance with the governing standard.

5. **Packaging**

5.1 The stranded stay wire shall be furnished in reels holding approximately 300m. Each reel shall have a weather - resistant tag securely attached showing the length, nominal diameter, number of individual wires, and grade of the strand.

6. **Quality Assurance Program**

Along with the Bid the Bidder shall furnish quality assurance program of the manufacturer which includes the Quality System and the Quality Plans, which shall include, among others, information to meet the following requirement, failing which the Bid shall be liable for rejection.

i. The structure of the organization;

ii. The duties and responsibilities assigned to staff ensuring quality of works;

iii. The system for purchasing, taking delivery and verification of materials;
iv. The system for ensuring quality of workmanship;
v. The quality assurance arrangement shall conform to relevant requirements of ISO9001;
vi. Statement giving list of important raw materials, names of manufacturer for the raw materials, list of standards according to which the raw materials are tested, list of test normally carried out on raw materials;
vii. List of manufacturing facilities available;
viii. List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections;
ix. List of testing equipment available with the manufacturer for final testing of equipment specified and the test plant limitation, if any, vis-à-vis the type, special, acceptance and routine tests specified in the relevant standards.

7. **Bid Documentation**

7.1 The Bidder shall provide with the Bid two (2) clear copies of the governing standards for fabrication and testing of stranded stay wire and two (2) clear copies of all other relevant standards referenced therein.

7.2 The Bidder shall provide a complete description, and catalogue of stranded stay wire.

7.3 The Bidder shall provide certified type test results of stranded stay wire as required by governing standards.

7.4 A clause-by-clause commentary on specification, specifying compliance and deviations, if any.

7.5 All data, drawings, catalogues and other technical documents shall be bound separately from the Bid documents.

Stay Wire 7/10 SWG (Steel strand, tensile grade 700, Wire galvanized before stranding, Breaking load 40.65 kN)

Stay wire 7/12 SWG (Steel strand, tensile grade 700, wire galvanized before stranding , Breaking load 26.8 kN)

TABLE 1
RATING AND FEATURES

Purpose	**11/0.4kV**
Steel Wire Size (No. of wire/SWG)	7/12
Grade	700
Steel quality	45 ton
Applicable Standard	B.S. 183 1972/(1983)
Galvanization	IS: 2629-1985 / IS 4826 or eqvt.
Diameter of wires (mm)	2.64
Minimum wt, kg/km	=~ 298

Purpose	**33KV**

Steel Wire Size (No. of wire/SWG)	7/10
Grade	700
Steel quality	45 ton
Applicable Standard	B.S. 183 1972/(1983)
Galvanization	IS: 2629-1985 / IS 4826 or eqvt.
Diameter of wires (mm)	3.25
Minimum wt.,kg/km	=~ 460

D. PREFORMED WIRE PRODUCTS FOR STAY SETS

1. **Scope**

This Specification covers the fabrication and supply of wire strand grips for stay set commonly used in overhead power line construction.

2. **Description**

2.1 The design of the preformed wire products specified herein shall be appropriate for the optimum combination of conductor strand diameter, inside diameter, rod diameter, pitch diameter, number of pitch lengths, direction of lay, and raw materials of the specific application.

2.2 The manufacturer of the Preformed Wire Products must have been accredited with ISO 9001:2000 with design and manufacturing quality certification.

2.3 The preformed wire product shall be so designed to grip the designated surface evenly, with evenly-spaced gaps, and shall not bridge the gripped surface due to excessive number of strands in the grip or tie.

2.4 Galvanized steel wire in cabled loop & Hot Dip Galvanization, min 5 nos of strands of 2.5mm- 3.8 mm dia, 600 mm length min. The bidder should provide material that is compatible with 7/10 SWG stay wire and 7/12 SWG stay wire.

3. **Steel Wire Strand Grip for Stay Set**

3.1 The steel wire strand grip shall be designed for use with thimble eye or double eye stay rod and tightner fabricated in accordance SPECIFICATION: S.P.13.0, stay wire fabricated in accordance with SPECIFICATION: S.P.14.0 (B.S. 183 1972/(1983)) and stay insulator fabricated in accordance with SPECIFICATION: S.P.11.0 (IS:5300-1969).

3.2 The steel wire strand grip shall be furnished for strand size and grade in accordance with Table 2.

3.3 The steel wire strand grip shall be manufactured of a galvanized steel wire in cabled loop form with long and short legs. The grip shall have a left-hand lay. Galvanizing shall be equivalent to Class C zinc coating per ASTM A-475.

3.4 The steel wire strand grip shall be color-coded for strand size and length and shall have one (1) or two (2) crossover marks for different diameter fittings. An identification tag shall be attached showing the manufacturer's catalogue number and applicable strand size.

3. Tests

The performs shall undergo type and routine tests in accordance with the relevant governing standard.

4. **Quality Assurance Program**

Along with the Bid the Bidder shall furnish quality assurance program of the manufacturer which includes the Quality System and the Quality Plans, which shall include, among others, information to meet the following requirement, failing which the Bid shall be liable for rejection.

i. The structure of the organization;
ii. The duties and responsibilities assigned to staff ensuring quality of works;
iii. The system for purchasing, taking delivery and verification of materials;
iv. The system for ensuring quality of workmanship;
v. The quality assurance arrangement shall conform to relevant requirements of ISO9001;
vi. Statement giving list of important raw materials, names of manufacturer for the raw materials, list of standards according to which the raw materials are tested, list of test normally carried out on raw materials;
vii. List of manufacturing facilities available;
viii. List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections;
ix. List of testing equipment available with the manufacturer for final testing of equipment specified and the test plant limitation, if any, vis-à-vis the type, special, acceptance and routine tests specified in the relevant standards.

5. Bid Documentation

5.1 The Bidder shall provide with the Bid two (2) clear copies of the governing standards for fabrication and testing of preformed wire products and two (2) clear copies of all other relevant standards referenced therein.

5.2 The Bidder shall provide certified type test results of preformed wire products as required by governing standards.

5.3 The Bidder shall provide complete description, and catalogue of preformed wire products.

5.4 A clause-by-clause commentary on specification, specifying compliance and deviations, if any.

5.5 All data, drawings, catalogues and other technical documents shall be bound separately from the Bid documents.

TABLE 1
STEEL WIRE STRANDED GRIPS

Tie Application for Strand Size	**Identification Tag and Color Code**	
7/10 SWG	GS-1	Red
7/12 SWG	GS-2	Blue

Note: All designations shown are used for product identification for the purpose of this IFB.

PORCELAIN INSULATORS

1. **Scope**

This Specification covers the fabrication and supply of pin insulators, disc insulators, stay insulators and shackle insulators, as herein specified for use on overhead power line construction.

2. General

2.1 All porcelain insulators shall be fabricated and tested in accordance with the Standards referenced or other national or international standards, for each type of insulator.

2.2 Porcelain shall be sound, free from defects, thoroughly vitrified and smoothly glazed. The glaze shall be brown in color. The glaze shall cover all exposed parts of the insulators.

2.3 The design of insulators shall be such that stresses due to expansion and contraction in any part of the insulator shall not lead to deterioration. The porcelain shall not engage directly with hard metal.

2.4 The cement used in construction of insulators shall not give rise to chemical reaction with metal fittings and its thickness shall be as uniform as possible.

2.5 The insulators should be manufactured in **automatic temperature-controlled kilns** to obtain uniform baking and better electrical and mechanical properties.

2.6 The manufacturer of the Insulators must have been accredited with ISO 9001 (including design in the scope of registration) quality certification.

3. Pin Insulator

3.1 The pin insulator shall be manufactured and tested in accordance with IS: 731-1971 and IS:3188 or the latest version thereof or any other national or international standards that ensures at least equal or better quality to the standard mentioned above, will also be acceptable. The lead thread shall be compatible with the insulator pin specified in these documents.

The pin insulator shall have following ratings and features:

Highest system voltage	36 kV
Rated voltage	33 kV
Creepage distance (min)	840 mm
Wet power frequency withstand voltage	75 kV

Impulse withstand voltage	170 kV
Puncture power frequency voltage (min)	180 kV
Visible discharge voltage	27 kV

(Effective)

Cantilever strength	10 KN
G I pin head	Large
	IS Ref.L300N
	IS 2486 Part-II

4. Disc Insulator

4.1 The disc insulator shall be manufactured and tested in accordance with IS: 731-1971 or latest version thereof or any other national or international standards that ensures at least equal or better quality to the standard mentioned above, will also be acceptable. The disc insulator and fitting items must have GTP ***:(Creepage 280 mm), IS 731, Mild Steel 6 mm thick Twsisted Back Starp, M16 HDG Ball Eye and Socket Eye and U Bolted Tension clamps (3 Nut Bolts)*** and other features as described below.

4.2 The disc insulator shall be ball and socket fitting type. The disc insulator shall have the following ratings and features:

Highest system voltage	12 kV
Rated voltage	11 kV
Porcelain diameter (min)	255 mm
Spacing	145 mm
Creepage distance (min)	280 mm
Power frequency puncture	
Withstand voltage	1.3 x Actual dry flashover voltage
Wet power frequency	
Withstand voltage	35 kV
Impulse withstand voltage	75 kV
Puncture power frequency	
Voltage (min)	110 kV
Visible discharge voltage	9 kV
Mechanical strength	45 KN

Ball and socket size	16 mm B
Applicable standard for	
Special characteristics	IS: 3188-1980 IEC 60383-1, IEC 60120, IS 2486-2

5. MARKING

5.1 Each insulator shall be legibly and indelibly marked to show the following:

a) Name or trademark of manufacturer.

b) Year of manufacture.

c) Minimum failing load in Newton (for pin and disc insulators only)

5.2 Markings on porcelain shall be printed and shall be applied before firing.

6.0 TESTS

The insulators shall comply with the following tests as per IS: 731-1971

6.1 **TYPE TEST**

a. Visual examination,,
b. Verification of dimensions,
c. Visible discharge test,
d. Impulse voltage withstand test,
e. Wet power frequency voltage withstand test
f. Temperature cycle test,
g. Mechanical failing load test
h. 24-hour mechanical strength test for strain insulators
i. Puncture test
j. Porosity test and
k. Galvanizing test

6.2 **ROUTINE TEST**

- Visual examination
- Mechanical routine test
- Electrical routine test

7. BID DOCUMENTATION

7.1 The Bidder shall provide with the Bid two (2) clear copies of the governing standards for fabrication and testing of porcelain insulators and two (2) clear copies of all other relevant standards referenced therein.

7.2 The Bidder shall provide certified type test results of all types of porcelain insulators as required by governing standards and the documentary evidence to show that it has automatic temperature-controlled kilns.Failure of bidder to provide the said documents shall lead to rejection of its bid.

7.3 The Bidder shall furnish two (2) sets of dimensional drawings of all types of porcelain insulators.

7.4 The Bidder shall provide complete description, catalogue (in original) dimensional drawings of all types of insulators.

7.5 All data, drawings, catalogues and other technical documents shall be bound separately from the Bid documents.

PIN FOR INSULATOR

1. Scope

This Specification covers the fabrication and supply of bolt-type, long shank cross-arm insulator pins.

2. Description

2.1 The insulator pin shall be fabricated and tested in accordance with the nominated standards or any other national or international standards that ensure at least equal or better quality to the standard mentioned above will also be acceptable. The insulator pin shall be furnished with a spring washer, stainless steel split lock and nut assembled on the insulator pin. The ratings and features of the insulator pins shall be as follows:

	For 33 kV
Head Type	Large L 300 N
Total Length	450 mm
Stalk Length	300 mm
Shank Length	150 mm
Minimum Failing Load	10 kN
Applicable Standard	IS: 2486 (Part I & II) or equivalent national or international standard.

The insulator pins shall be compatible with the pin insulators specified above.

2.2 The manufacturer of the Insulator Pin must have been accredited with ISO 9001 (including design in the scope of registration) quality certification.

3. Material

3.1 The insulator pins shall be fabricated from hot rolled steel. The pin shall be a single piece, obtained by the process of forging. It shall not be made by jointing, welding, shrink fitting or any other process from more than one piece of material. It shall be of good finish free from flaws and other defects. The finish of the collar shall be such that a sharp angle between the collar and the shank is avoided.

4. Galvanizing

4.1 All ferrous components except or those made of stainless steel shall be hot dip galvanized. The threads of nuts and tapped holes, when cut after galvanizing shall be well oiled and greased. The galvanizing shall conform to IS 2629-1985 or equivalent national or international standard.

5. Finish

All insulator pins shall be reasonably smooth on all surfaces and free of sharp projections.

6. Test

6.1 Insulator pins shall comply with the following tests as per IS: 2486 or equivalent international standard.

6.2 Type Tests:

The Bidder must submit, along with the Bid, type test reports (detail) on the following tests performed on identical units of insulator pin:

- Visual examination test
- Checking of threads on head
- Galvanizing test
- Mechanical test

The Insulators pin must have been fully type tested as per the relevant standards within 5 years from the date of opening of tender and all the Type Tests shall have been carried out from an internationally recognized independent test laboratory, such as PTB, Germany; PTP, Austria; KEMA, Holland; NMI, Holland; CESI, Italy; Falcon, UK, Ofgem (formerly known as Offer), UK, CPRI & ERDA, India to prove that the Insulator pin meets the requirements of the specification.

If the type test report for identical unit of insulator pin are not available from the testing laboratory/ies above carried out within past 5 years from the date of opening of Tender, the type test report of similar type of insulator pin (type test carried out from Internationally Recognized Testing Laboratory Accredited to ILAC/IAF) may be considered acceptable during bid evaluation, provided, the bidder shall upon award of the Contract and after mass production of insulator, undertake to carry out type test on identical unit of each type of insulator pin in one of the above specified testing laboratories in the presence of representative appointed by Nepal Electricity Authority at no extra cost to the Client/Employer.

6.2 Acceptance Tests:

- Checking of threads on head
- Galvanizing test
- Mechanical test

6.3 Routine Test:

- Visual examination.

7. Bid Documentation

7.1 The Bidder shall provide with the Bid two (2) clear copies of the governing standards for fabrication and testing of insulator pins and two (2) clear copies of all other relevant standards referenced therein.

7.2 The Bidder shall provide certified type test results performed on insulator pins from independent accredited testing laboratory in accordance with the latest version of governing standards otherwise bid offer shall be rejected.

7.3 The Bidder shall provide standard catalogue and certified dimensional drawings of all types of insulator pins.

7.4 A clause-by-clause commentary on specification, specifying compliance and deviations, if any.

7.5 All data, drawings, catalogues and other technical documents shall be bound separately from the Bid documents.



Item No. 1 : Stay Set

(To be completed by Bidder)

	Item	**Stay Set**	
	Description		***Bidder's Offer***
1.	Manufacturer		
2.	Catalog Numbers		
3.	Steel Classification		
4.	Governing Standard for galvanization		
5.	Load rating, kg.		
6.	Type tests-tensile load data attached?		Yes/No
7.	Type test-bend test data attached ?		Yes/No
8.	Dimensional drawing attached?		Yes/No
9.	ISO certificate/ Eqvt.		Yes/No

Item No. 2 : Steel Wire Strand
(To be completed by Bidder)

	Item	Steel Wire Strand	**Bidder's Offer**
	Description	*7/10 SWG*	*7/12SWG*
1.	Manufacturer		
2.	Strand diameter (overall)	mm	
3.	No. of Strands		
4.	Minimum Breaking load	kg	
5.	Nominal diameter of coated wire in strand	` mm	
6.	Left hand lay	Yes/No	
7.	Governing Standard for manufacturing and testing	Yes/No	
8.	Governing Standard for galvanization Standards attached?	Yes/No	
9.	ISO certificate/ Eqvt.	Yes/No	

Item No. 3: Galvanized Steel Nuts and Bolts

(To be completed by Bidder)

Item **Galvanized Steel Nuts and Bolts**

Description		***Bidder's offer***
1.	Manufacturer	
2.	Material Description furnished?	Yes/No
3.	Governing Standard for manufacturing and testing?	Yes/No
4.	Governing Standard for galvanization Standards attached?	Yes/No
6.	Catalog numbers attached for all items?	Yes/No
7.	ISO certificate/ Eqvt.	Yes/No

Item No. 4: Cross-arm and angle

(To be completed by Bidder)

Item **Cross-arm and angle**

Description		***Bidder's offer***
1.	Manufacturer	
2.	Steel Classification	
3.	Minimum tensile strength of steel	
4.	Is the cross arm and angles fabricated from hot-rolled steel sections?	Yes/No
6.	Governing Standard for galvanizing attached?	Yes/No
7.	Drawings of cross arm and bracing?	Yes/No

9.	ISO certificate/ Eqvt.	Yes/No

Item No. 5: Flat cross-armbrace

(To be completed by Bidder)

Item **Flat cross-arm brace**

	Description	***Bidder's offer***
1.	Manufacturer	
2.	Steel Classification	
3.	Minimum tensile strength of steel	
4.	Is the flat cross arm brace fabricated from hot-rolled steel sections?	Yes/No
5.	Governing Standard for manufacturing and testing?	Yes/No
6.	Governing Standard for galvanizing Standards attached?	Yes/No
8.	Drawings of flat cross arm brace?	Yes/No
9.	ISO certificate/ Eqvt.	Yes/No

Item No. 6: Transformer Platform (Flat Arm Channel)

(To be completed by the Bidder)

Item **Transformer Platform**

	Description	***Bidder's offer***
1.	Manufacturer	

2.	Preliminary details dwg Furnished?	Yes/No
3.	Steel Classification/Characteristics furnished?	Yes/No
4.	Governing Standard for galvanization?	Yes/No
5.	Vertical Load on pole Resultant Safety Factor?	
7.	Resultant Deflection at design load mm	
8.	% of allowable tensión	
9.	% of allowable compression	
10.	% of allowable shear limits	
11.	ISO certificate/ Eqvt.	Yes/No

Item No. 7: Pole Clamps

(To be completed by Bidder)

Item Pole Clamps

Description		***Bidder's offer***
1.	Manufacturer	
2.	Steel Classification	
3.	Governing Standard for galvanization?	
4.	Drawings of Pole Clamp furnished?	Yes/No
5.	ISO certificate/ Eqvt.	Yes/No

Signature _____

As representative for _____

Address _____

Date

1. ACSR Conductor

(To be completed by Bidder)

S.N.	Description	Queries	0.1 sq. Inch "DOG"	0.05 sq Inch "RABBIT"
1	Manufacturer			
2	Governing Standards			
3	Copies of Standards Attached?	Yes/No		
4	Copies of type test attached?	Yes/No		
5	If standards are not to BS 215-2 / IEC 61089 / IS 398-2 are conductor specifications as the BS: 215 requirements in respect of the followings?			
	Diameter	Yes/No		
	Stand Size	Yes/No		
	Direction of Lay	Yes/No		
	Lay Ratio	Yes/No		
	Materials	Yes/No		
6	Technical Data			
	1	Size , mm^2		
	2	Number/Diameter of wire		
		a. Aluminium, mm		
		b. Steel, mm		
	3	Cross Section:		
		a. Aluminium , mm^2		
		b. Steel, mm^2		
		c. Total, mm^2		
	4	Conductor Diameter, mm		
	5	Ultimate Strength, Kg		
	6	Coeficient of Linear Expansion/^{0}C		
	7	Standard Mass of Conductor, Kg/Km.		
	8	Electrical DC Resistance at 20^{0}C , Ohm/Km.		
	9	Standard Non Jointed		

		Length on reel, m		
	10	Breaking Load, kN		
	11	Nominal Area , mm^2		
	12	Standards		

Signature _____

As representative for _____

Address _____

Date

2. Porcelain Insulator

(To be completed by Bidder)

Pin Insulators

	Description	Queries
1.	Manufacturer	
2.	Catalog	
3.	Model number	
4.	Applicable standards	
5.	Copies of standards attached	Yes/No
6.	If not IS Standards, are standards used equivalent?	
7.	Copies of alternate standard attached?	Yes/No
8.		**Ratings:**
	Highest system voltage	kV
	Rated voltage	kV
	Creepage distance (min)	mm
	Wet frequency puncture withstand voltage	kV
	Impulse withstand voltage	kV
	Puncture power frequency voltage (min)	kV
	Visible discharge voltage	kV
	Cantilever strength	kN
	G I pin head	Large/Small

Signature _____

As representative for _____

Address _____

Date _____

3. Disc Insulators

(To be completed by Bidder)

	Description	Queries
1.	Manufacturer	
2.	Catalog No.	
3.	Model number	
4.	Applicable standard	
5.	Copies of standards attached? Yes/No	
6.	If not IS standards are standards used equivalent?	Yes/No
7.	Copies of alternate standard attached?	Yes/No
8.	Ratings:	
	Highest system voltage	kV
	Rate voltage	kV
	Porcelain diameter (min)	mm
	Spacing	mm
	Creepage distance (min)	mm
	Power frequency puncture Withstand voltage	kV
	Wet frequency puncture Withstand voltage	kV
	Impulses withstand voltage	kV
	Puncture power frequency voltage (min)	kV
	Visible discharge voltage	kV
	Mechanical strength	kN
	Ball and socket size	mm

Signature _____

As representative for _____

Address _____

Date _____

4. Insulator Pins

(To be completed by Bidder)

	Description	Queries
1.	Manufacturer	
2.	Type of steel used	
3.	Dimensional drawings attached?	Yes/No
4.	Copies of type test attached?	Yes/No
5.	Ratings and features	
		For 33 kV
	Head type	
	Total length	mm
	Stalk length	mm
	Shank length	mm
	Minimum failing load	k N
	Applicable standard	
	Catalog number	

Signature _____

As representative for _____

Address _____

Date _____

5. Disc Insulator Fittings

(To be completed by Bidder)

	Description	Queries
1.	Manufacturer/Catalogue No.	
2.	Preliminary drawings furnished?	Yes/No
3.	Steel Classification	
4.	Malleable tension clamp?	Yes/No
5.	Cotter pin and U-bolts are galvanized?	Yes/No
6.	Cotter pins are stainless steel?	Yes/No
7.	Galvanizing conforms to IS: 2629 – 1985?	Yes/No
8.	Ultimate strength of clamps	
9.	Applicable standard(s)	

Signature _____

As representative for _____

Address _____

Date _____



6. Galvanized Steel Nuts and Bolts

(To be completed by Bidder)

	Description	Queries
1.	Manufacturer	
2.	Material Description furnished?	Yes/No
3.	Minimum tensile strength of steel	……..kN
4.	Governing Standard for manufacturing and testing	
5.	Governing Standard for galvanization Standards attached?	Yes/No
6.	Catalog numbers attached for all items?	Yes/No

Signature _____

As representative for _____

Address _____

Date _____

INSPECTION, TESTING AND COMMISSIONING

1.1 SCOPE OF WORK

The whole of the Works supplied under the Contract shall be subject to inspections and tests by the Employer or their Representatives during manufacture, and after completion. The inspections and tests shall include, but not be limited to, the requirements of this section of the Specifications.
The Contractor shall provide all costs, appliances, apparatus, supervision, labor and services necessary to carry out all tests, unless specifically stated otherwise.

1.2 QUALITY ASSURANCE, INSPECTION AND TESTING

To assure that the supply and services under the scope of this Contract whether manufactured or performed within the Contractor's works or at his subcontractor's premises or at the Site or at any other place of work, are in accordance with the Specifications, the Contractor shall adopt suitable quality assurance program to control such activities at all points necessary. Such program shall be outlined by the Contractor and shall be finally accepted by the Employer after discussions before the award of the Contract. A quality assurance program of the Contractor shall generally cover, but not be limited to the following:

(a) His organization structure for the management and implementation of the proposed quality assurance program.
(b) Documentation control system.
(c) Qualification data for bidder's key personnel.
(d) The procedure for purchases of materials, parts, components, and selection of subcontractors' services including vendor analysis, source inspection, incoming raw materials inspection, and verification of materials purchases.
(e) System for shop manufacturing including process controls and fabrication and assembly controls.
(f) Control of non-conforming items and system for corrective actions.
(g) Control of calibration and testing of measuring and testing equipment.
(h) Inspection and test procedure for manufacture.
(i) System for indication and appraisal of inspection status.
(j) System for quality audits.
(k) System for authorizing release of manufactured products to the Employer.
(l) System for maintenance of records.
(m) System for handling storage and delivery.
(n) A quality plan detailing out the specific quality control procedure adopting for controlling the quality characteristics relevant to each item of supply. The quality plan shall be mutually discussed and approved by the Employer after incorporating necessary corrections by the Contractor as may be required.

- Quality Assurance Documents

The Contractor shall be required to submit all the Quality Assurance Documents as stipulated in the Quality Plan at the time of Employer's inspection of material/equipment. The Employer, through his duly authorized representatives, reserves the right to carry out Quality Audit and Quality Surveillance of the systems and the procedures of the Contractor's and the subcontractor's Quality Management and Control Activities.

- Inspection, Testing and Inspection Certificates

The Employer shall have the right to re-inspect at his expenses, any material though it would have been previously inspected and approved by him at the Contractor's works before, and if, after the same are inspected at Site following the latter, material is found defective, then the Contractor shall bear the cost of this inspection and reinstatement according to specification.

1.3 TESTS AT MANUFACTURERS WORKS

1.3.1 General where no specific test is specified, then the various items of materials and equipment shall be tested in accordance with the relevant British, IEC, or American Standards. Where no appropriate standard is available, tests shall be carried out in accordance with the maker's standard practice, which shall be subject to the Employer's approval. At least fourteen days' prior notice, in writing or by tele-fax, shall be given to the Employer of the readiness of the plant for test or inspection and every facility shall be provided by the Contractor and sub-Contractor (s) to enable the Employer or their Representative to carry out the inspections and witness the tests. This includes progress, test rig and packing inspections also. Inspection of equipment will not be carried out unless the Employer has approved copies of the relevant sub-orders, drawings and test procedures. No equipment shall be packed, prepared for shipment, or dismantled for the purpose of packing for shipment, unless it has been satisfactorily inspected, or inspection has been waived by the Employer.

Functional electrical and mechanical tests shall be carried out on the completed plant after assembly in the Works. The extent and method of recording the results shall be agreed by the Employer in sufficient time to enable the tests to be satisfactorily witnessed or to make any changes to the proposed program of tests. All instruments and apparatus used in the performance of the tests shall be subject to the approval of the Employer and, if required by the Employer, shall be calibrated to an agreed standard at a laboratory of national standing to be nominated by the Contractor and approved by the Employer.

The costs of carrying out such calibration shall be borne by the Contractor in all cases. The costs of making/performing any test shall be borne by the Contractor. This shall apply to tests performed at the site or elsewhere. After receiving the prior information about the completion of manufacturing at the factory, the Employer will depute his personnel to the Contractor's factory to witness the fabrication, assembly and testing of any or all parts of major equipment.

The number of the Employer's personnel and equipment to be witnessed will be as listed below. The duration of such visits shall be as per inspection/testing requirements. The Employer shall bear the cost of associated with to and fro travel, daily allowances, accommodation etc. of the inspection personnel. The Employer may hire the services of the third party for the inspection.

(1) Steel Tubular Pole Accessories (Channels, Stay Sets, Pole Clamps and Nut Bolts of Different Size) and Conductors - 2 persons, 1 visit
(2) Insulators(Pin, Discs etc.) - 2 persons, 1 visit

The Inspection and Testing works of the materials shall be carried out at the manufacture's Factory premises. The minutes of meeting of the inspection and testing works shall be prepared. The inspection reports as well as minutes of meeting shall be mentioned with, whether the results of inspection and testing comply with the Technical Specifications of the contract agreement or not.
After successful inspection and testing, the materials shall be sealed and packed in presence of the Employer's inspectors/representative(s) and the same materials shall be dispatched. The photographs of the sealing/packing/of materials along with the inspectors/representative(s) of the Employer / contractor / manufacturer shall be submitted with the inspection and testing report.

1.3.2 **Test Certificates**
Within 30 days of the completion of any test, triplicate sets of all principal test records, test certificates and performance curves shall be supplied to the Employer. These test records, certificates and performance curves shall be supplied for all tests, whether or not they have been witnessed by the Employer or his representative. The information given on such test certificates and curves shall be sufficient to identify the material or equipment to which the certificate refers and should also bear the Contract reference title. Specified requirements shall be shown on each certificate for comparison with actual test results. When all equipment has been tested, test certificates of all factory and site tests shall be compiled by the Contractor into volumes and bound in an approved form complete with index. Two copies of each volume shall be supplied to the Consultant and five copies to the Employer.

1.3.3 **Type Tests**
Type tests are required to prove the general design of the equipment and the Contractor may submit certificates of such design tests, which have been carried out on identical equipment. Notwithstanding any provision in BS, IEC or ANSI Standards, the Employer shall have the right to accept such certificates in lieu of the specified type tests or to reject them.
The type tests prescribed shall be carried out at the Contractor's cost in all cases, where either such certificates are not available or are rejected by the Employer.

1.4 RESPONSIBILITIES
To ensure that the test jurisdiction and transfer of responsibilities is regulated by strict safety and handover procedures, the Contractor agrees the interface with the Employer to establish and implement handover procedures consistent with the terms of these Specifications.
The Employer shall retain full jurisdiction over all commissioning activities, which may affect the operation of the existing system. In these circumstances and when so requested, shall provide technical advices and assistances. The Contractor shall be responsible for technical guidance and assistance in establishing the scope and method of tests, witnessing of the testing, assessment of

results, and re-negotiation of the changes in test schedules which may be necessary as a result of other circumstances, such as delays in the delivery, possible equipment failures.

1.5 SAFETY PROCEDURES

The Contractor shall share the responsibility for safety procedures with the Employer. The Contractor shall establish and implement a work permit and tagging system and associated safety procedures (subject to the review of Employer) for all equipment, systems and areas not covered by the Employer's safety procedures.

The Employer will assume responsibility for the establishment and implementation of tagging, safety and work permit procedures for the protection of personnel and equipment, as soon as equipment and systems are connected to or are energizeable from the existing system.

1.6 TEST EQUIPMENT

The Contractor shall ensure that all instruments, tools and other equipment required for testing and commissioning are available on site, ensure that the test equipment is of satisfactory quality and condition and, where necessary, is calibrated by an approved authority or standard. Make arrangements for the provision of power supplies for testing with necessary vector configuration, voltage and current rating.

5. Drawings

The purpose of drawings is to specify locations, dimensions, materials to be used, stages of manufacturing, and other characteristics of the Goods and Related Services. The Purchaser should prepare such drawings, as needed, and include them in the Procurement Document. Such drawings, as part of the SR, are Contract documents and, therefore, shall be part of the Contract. Similarly, the Purchaser may request the Supplier to provide drawings either with its Bid or for approval during Contract execution.

It is essential that the Purchaser prepares a **List of Drawings** showing all drawings it supplied and issued as part of the Procurement Document.

The bidder must submit drawing to approve before manufacture with technical specifications.

Section VI. General Conditions of Contract (GCC)

The GCC contain standard provisions that have been designed to remain unchanged and **to be used without modifying their text**. The GCC clearly identify the provisions that may normally need to be specified for a particular bidding process and require that such specification be introduced **through the SCC**.

The GCC are a Contract document and, therefore, are a part of the Contract.

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Section VI. General Conditions of Contract

1. Definitions	1.1. The following words and expressions shall have the meanings hereby assigned to them: (a) "Contract" means the Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein. (b) "Contract Documents" means the documents listed in the Agreement, including any amendments thereto. (c) "Contract Price" means the price payable to the Supplier as specified in the Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract. (d) "Day" means calendar day. (e) "Delivery" means the transfer of the Goods from the Supplier to the Purchaser in accordance with the terms and conditions set forth in the Contract. (f) "Completion" means the fulfillment of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract. (g) "GCC" means the General Conditions of Contract. (h) "Goods" means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract. (i) "Purchaser's Country" is the country **specified in the Special Conditions of Contract (SCC)**. (j) "Purchaser" means the entity purchasing the Goods and Related Services, as **specified in the SCC**. (k) "Related Services" means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance, and other similar obligations of the Supplier under the Contract. (l) "SCC" means the Special Conditions of Contract. (m) "Subcontractor" means any natural person, private, or government entity, or a combination of the above, including its legal successors or

	permitted assigns, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier. (n) "Supplier" means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Agreement, and includes the legal successors or permitted assigns of the Supplier. (o) "GoN" means the Government of Nepal. (p) "The Site," where applicable, means the place **named in the SCC.**
2. Contract Documents	2.1 Subject to the order of precedence set forth in the Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory.
3. Fraud and Corruption	3.1 If the Purchaser determines that the Supplier has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, in competing for or in executing the Contract, then the Purchaser may, after giving 14 days' notice to the Supplier, terminate the Supplier's employment under the Contract and the provisions of GCC Clause 34.1 shall apply. For the purposes of this Sub-Clause: (i) "corrupt practice" is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party; (ii) "fraudulent practice"15 is 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) "collusive practice"16 is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party; (iv) "coercive practice"17 is impairing or harming, or threatening to

[15] a "party" refers to a public official; the terms "benefit" and "obligation" relate to the procurement process or contract execution; and the "act or omission" is intended to influence the procurement process or contract execution.

[16] "parties" refers to participants in the procurement process (including public officials) attempting to establish bid prices at artificial, non competitive levels.

impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(v) "obstructive practice" is

(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/DP's inspection and audit rights provided for under ITB Clause 3.5 and GCC Clause 25.

3.2 Without prejudice to any other rights of the Purchaser under this Contract, on the recommendation of the Purchaser, Public Procurement Monitoring Office may blacklist a Bidder/Supplier for its conduct for a period of one (1) to three (3) years on the following grounds and seriousness of the act committed by the bidder:

(a) if it is established that the Supplier committed in any of the following acts:,

(i) give or propose improper inducement directly or indirectly,
(ii) distortion or misrepresentation of facts,
(iii) engaging in corrupt or fraudulent practice or involving in such act,
(iv) interference in participation of other competing bidders,
(v) coercion or threatening directly or indirectly to cause harm to the person or the property of any person to be involved in the procurement proceedings,
(vi) collusive practice among bidders/suppliers before or after submission of bids for distribution of works among bidders or fixing artificial/uncompetitive bid price with an intention to deprive the Purchaser the benefit of open competitive bid price,
(vii) Contacting the Purchaser with an intention to influence the Purchaser with regards to the bids or interference of any kind

[17] a "party" refers to a participant in the procurement process or contract execution.

	in examination and evaluation of the bids during the period from the time of opening of the bids until the notification of award of contract., (b) if it is established later that the Supplier has committed substantial defect in implementation of the contract or has not substantially fulfilled its obligations under the contract or the completed work is not of the specified quality as per the contract. 3.3 In case of DP funded bid, DP: (a) will cancel the portion of the loan allocated to a contract if it determines at any time that representatives of the Borrower or of a beneficiary of the loan engaged in corrupt, fraudulent, collusive or coercive practices during the procurement or the execution of that contract, without the Borrower having taken timely and appropriate action satisfactory to the Bank to remedy the situation; (b) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a Bank-financed contract if it at any time determines that they have, directly or through an agent, engaged, in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a Bank-financed contract; and (c) will have the right to require that Suppliers to permit the Bank to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by the Bank. 3.4 The Supplier shall be prosecuted for offenses under prevailing criminal laws, if the contractor: (i) Misuses the Advance Payment or payments received from the Purchaser; (ii) Receives payment by submitting false information or documents; (iii) Abandons the works before completion; (iv) Commits a serious violation of the contract; or (v) Causes loss or damage to the Purchaser.
4. Interpretation	4.1 If the context so requires it, singular means plural and vice versa. 4.2 Entire Agreement

	The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of parties with respect thereto made prior to the date of Contract. 4.3 Amendment No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto. 4.4 Nonwaiver (a) Subject to GCC Sub-Clause 4.5(b) below, no relaxation, forbearance, delay, or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect, or restrict the rights of that party under the Contract, neither shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract. (b) Any waiver of a party's rights, powers, or remedies under the Contract must be in writing, dated, and signed by an authorized representative of the party granting such waiver, and must specify the right and the extent to which it is being waived. 4.5 Severability If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.
5. Language	5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in the language **specified in the SCC.** Supporting documents and printed literature that are part of the Contract may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language **specified in the SCC**, in which case, for purposes of interpretation of the Contract, this translation shall govern. 5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.
6. Joint Venture	6.1 If the Supplier is a joint venture, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the

	Contract and shall designate one party to act as a leader with authority to bind the joint venture. A bidder can submit only one bid either as a partner of the joint venture or individually. The composition or the constitution of the joint venture shall not be altered without the prior consent of the Purchaser. 6.2 The Supplier shall not handover the responsibility of the contract to any one member or some members of Joint Venture or any other parties, not involved in the contract.
7. Notices	7.1 Any Notice given by one party to the other pursuant to the Contract shall be in writing to the address **specified in the SCC**. The term "in writing" means communicated in written form through e-GP system, fax, email or courier with proof of receipt. 7.2 A Notice shall be effective when delivered or on the Notice's effective date, whichever is later.
8. Governing Law	8.1 The Contract shall be governed by and interpreted in accordance with the laws of Nepal.
9. Settlement of Disputes	9.1 The Purchaser and the Supplier shall make every effort to settle amicably by direct negotiation any disagreement or dispute arising between them under or in connection with the Contract. 9.2 Any dispute between the Parties as to matters arising pursuant to this Contract which 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 Arbitration within 30 days after the expiration of amicable settlement period **as specified in SCC**.
10. Scope of Supply	10.1 **Subject to the SCC**, the Goods and Related Services to be supplied shall be as specified in Section V, Schedule of Requirements.
	10.2 Unless otherwise stipulated in the Contract, the Scope of Supply shall include all such items not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Delivery and Completion of the Goods and Related Services as if such items were expressly mentioned in the Contract.
11. Delivery	11.1 Subject to GCC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Section V, Schedule of Requirements. The details of documents to be furnished by the Supplier are **specified in the SCC**.

12. Supplier's Responsibilities	12.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with GCC Clause 10, and the Delivery and Completion Schedule, as per GCC Clause 11.
13. Purchaser's Responsibilities	13.1 Whenever the supply of Goods and Related Services requires that the Supplier obtain permits, approvals, and import and other licenses from public authorities in Nepal, the Purchaser shall, if so required by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditious manner. 13.2 The Purchaser shall pay all costs involved in the performance of its responsibilities, in accordance with GCC Sub-Clause 13.1.
14. Contract Price	14.1 The Contract Price shall be as specified in the Agreement subject to any additions and adjustments thereto, or deductions there from, as may be made pursuant to the Contract. 14.2 Prices charged by the Supplier for the Goods delivered and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized **in the SCC.**
15. Terms of Payment	15.1 The Contract Price shall be paid as specified **in SCC**. 15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to GCC Clause 11.1 and upon fulfillment of all the obligations stipulated in the Contract. 15.3 Unless otherwise specified **in the SCC**, the Purchaser shall retain from each payment due to the Supplier the proportion stated in the SCC. Half of the total amount retained shall be repaid to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations and half when the supplier has submitted the evidence of submission of tax return to the concerned Internal Revenue Office. 15.4 Payments shall be made promptly by the Purchaser, no later than thirty (30) days after submission of an invoice or request for payment by the Supplier, and the Purchaser has accepted it. 15.5 Payments shall be made to the Supplier under this Contract in Nepalese Currency. 15.6 In the event that the Purchaser fails to pay the Supplier any payment by its

	due date or within the period set forth in the GCC 15.4, the Purchaser shall pay to the Supplier interest on the amount of such delayed payment at the rate shown **in the SCC,** for the period of delay until due payment has been made. 15.7 If the advance payment is provided under GCC 15.1 is not repaid due to non-performance of the contract, by the Supplier within the time period specified in the Contract, the Purchaser shall recover the advance payment by enforcing the bank guarantee as provided under GCC 15.1, and shall also recover interest on the advance amount from the Supplier at a rate **stated in SCC.**
16. Taxes and Duties	16.1 For goods supplied, the Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser
17. Performance Security	17.1 The Supplier shall, within fifteen (15) days of the receipt of notification of Contract award, provide a Performance Security for the due performance of the Contract in the amounts and currencies **specified in the SCC**. 17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract. 17.3 The Performance Security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Purchaser, and shall be in one of the forms stipulated by the Purchaser **in the SCC**, or in another form acceptable to the Purchaser. 17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations.
18. Copyright	18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.
19. Confidential Information	19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or

	indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under GCC Clause 19. 19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the Contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the design, procurement, or other work and services required for the performance of the Contract. 19.3 The obligation of a party under GCC Sub-Clauses 19.1 and 19.2 above, however, shall not apply to information that: (a) the Purchaser or Supplier need to share with the Donor for Donor funded project or other institutions participating in the financing of the Contract; (b) now or hereafter enters the public domain through no fault of that party; (c) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or indirectly, from the other party; or (d) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality. 19.4 The above provisions of GCC Clause 19 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof. 19.5 The provisions of GCC Clause 19 shall survive completion or termination, for whatever reason, of the Contract.
20. Subcontracting	20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the Bid. Subcontracting shall in no event relieve the Supplier from any of its

	obligations, duties, responsibilities, or liability under the Contract. 20.2 Subcontracts shall comply with the provisions of GCC Clauses 3. 20.3 The Supplier shall give prior notice to the Purchaser clearly specifying the nature, scope, and responsibilities of the work to be performed, to engage other subcontractors, material suppliers, equipment suppliers, service providers, or other persons or entities during the implementation of the contract. 20.4 Before notifying the Purchaser as per GCC 20.1, the Supplier shall enter into a written agreement with the subcontractors, material suppliers, equipment suppliers, service providers, or other persons or entities clearly specifying the scope of work, responsibilities, quality requirements, duration, payment terms, security, labor-related obligations, and conditions relating to performance of the work. 20.5 The Supplier shall provide the Purchaser with details of the payments made to the subcontractors, material suppliers, equipment suppliers, service providers, or other persons or entities engaged under GCC 20.1.If the Supplier is found not to have made payment to the subcontractor, material suppliers, equipment suppliers, service providers, or other persons or entities engaged under GCC 20.1 in accordance with the terms of the agreement, the Purchaser may determine the amount payable to such subcontractor, material suppliers, equipment suppliers, service providers, or other persons or entities and make payment to them from any remaining dues to be paid to the Supplier, retention money, or forfeited performance security.
21. Specifications and Standards	21.1 Technical Specifications and Drawings (a) The Supplier shall ensure that the Goods and Related Services comply with the technical specifications and other provisions of the Contract. (b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification, or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser. (c) The Goods and Related Services supplied under this Contract shall conform to the standards mentioned in Section V, Schedule of Requirements and, when no applicable standard is mentioned, the

	standard shall be equivalent or superior to the official standards whose application is appropriate to the country of origin of the Goods. 21.2 Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Section V, Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with GCC Clause 32.
22. Packing and Documents	22.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination of the Goods and the absence of heavy handling facilities at all points in transit. 22.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified in the SCC, and in any other instructions ordered by the Purchaser.
23. Insurance	23.1 Unless otherwise specified in the SCC, the Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in the manner specified in the SCC.
24. Transportation	24.1 The supplier is required under the contract to transport the Goods to a specified place of final destination, defined as the project site, transport to such place of destination including insurance and storage, as shall be specified in the contract, shall be arranged by the supplier, and related costs shall be included in the contract price.
25. Inspections and Tests	25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in Sections V, Schedule of Requirements. 25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the final destination of the Goods, or in another place in Nepal as specified in the

	SCC. Subject to GCC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser. 25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in GCC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses. 25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection. 25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications, codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impede the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected. 25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection. 25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to GCC Sub-Clause 25.4. 25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to GCC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.

26. Liquidated Damages	26.1 Except as provided under GCC Clause 31, if the Supplier fails to deliver any or all of the Goods or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage **specified in the SCC** of the Contract Price for each day of delay until actual delivery or performance, up to a maximum deduction of the percentage **specified in the SCC**. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to GCC Clause 34.
27. Warranty	27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract. 27.2 Subject to GCC Sub-Clause 21.1, the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in Nepal. 27.3 Unless otherwise specified in the SCC, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the SCC. 27.4 The Purchaser shall give Notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects. 27.5 Upon receipt of such Notice, the Supplier shall, within the period specified in the SCC, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser. 27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the SCC, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
28. Patent Indemnity	28.1 The Supplier shall, subject to the Purchaser's compliance with GCC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the

	Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract by reason of: (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and (b) the sale in any country of the products produced by the Goods. Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract. 28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in GCC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's, name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim. 28.3 If the Supplier fails to notify the Purchaser within thirty (30) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf. 28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing. 28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.

29. Limitation of Liability	29.1 Except in cases of gross negligence or willful misconduct: (a) neither party shall be liable to the other party for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser; and (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort, or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the Supplier to indemnify the Purchaser with respect to patent infringement.
30. Change in Laws and Regulations	30.1 Unless otherwise specified in the Contract, if after the date of the Invitation for Bids, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Nepal where the Site is located (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with GCC Clause 14.
31. Force Majeure	31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. 31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes. 31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably

	practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
32. Change Orders and Contract Amendments	32.1 The Purchaser may at any time order the Supplier through Notice in accordance GCC Clause 7, to make changes within the general scope of the Contract in any one or more of the following: (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser; (b) the method of shipment or packing; (c) the place of delivery; and (d) the Related Services to be provided by the Supplier. 32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery and Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order. 32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.
33. Extensions of Time	33.1 If at any time during performance of the Contract, the Supplier or its Subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to GCC Clause 11, the Supplier shall promptly, and at least twenty-one (21) days before the expiry of procurement contract, notify the Purchaser in writing of the delay, its likely duration, and its cause. Within the contract period, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract. 33.2 The Supplier shall submit Performance Security, Advanced Payment Guarantee (if any) and Insurance Policy documents, as required with extended validity, within fifteen (15) days of receiving the Letter of Extension of Intended Completion Date from the Purchaser. 33.3 If the supplier fails to submit Performance Security, Advanced Payment

	Guarantee (if any) and Insurance Policy documents, as required with extended validity within the prescribed time as per ITB 33.2, the Supplier shall pay fine at the rate of 0.01% of the final contract price (without VAT but including PS) per day for a maximum of fifteen (15) days. The Purchaser may deduct the fine from payments due to the Supplier. 33.4 Except in case of Force Majeure, as provided under GCC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 26, unless an extension of time is agreed upon, pursuant to GCC Sub-Clause 33.1.
34. Termination	34.1 Termination for Default (a) The Purchaser, without prejudice to any other remedy for breach of Contract, by Notice of default sent to the Supplier, may terminate the Contract in whole or in part: (i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 33; (ii) if the Supplier fails to perform any other obligation under the Contract. (iii) The supplier uses the advance payment for matters other than the contractual obligations. (iv) The purchaser may terminate the contract at any time in the following condition, if the supplier: (aa) does not commence the work as per the contract, (bb) abandons the contract without completing, (cc) fails to achieve progress as per the contract. (v) The supplier fails to submit Performance Security, Advanced Payment Guarantee (if any) and Insurance Policy documents with extended validity within the time prescribed pursuant to GCC 33.3. (b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to GCC Clause 34.1(a),

i) the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to pay to the Purchaser for any losses, damages incurred by the Purchaser and any additional costs for such undelivered or not performed Goods or Related Services as Government dues. After recovering any such losses, damages and extra costs, the Purchaser shall pay any balance to the Supplier,

ii) forfeit the Performance Security,

iii) withhold further payments to the Supplier until the costs of completion and remedying of any defects, liquidated damages (if any), and all other costs incurred by the Purchaser, have been established

If the total amount due to the Purchaser exceeds any payment due to the Supplier, the difference shall be a debt payable to the Purchaser.

However, the Supplier shall continue performance of the Contract to the extent not terminated.

34.2 if the Supplier, in the judgment of the Purchaser has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices, as defined in GCC Clause 3, in competing for or in executing the Contract Termination for Insolvency

The Purchaser may at any time terminate the Contract by giving Notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser.

34.3 Termination for Convenience

(a) The Purchaser, by written Notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The Notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

	(b) The Goods that are complete and ready for shipment within seven (7) days after the Supplier's receipt of the Notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect: (i) To have any portion completed and delivered at the Contract terms and prices; and/or (ii) To cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.
35. Assignment	35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.
36. Social Security Fund	36.1 The Supplier shall enroll the laborers, employees, or other workforce engaged in such work in the Social Security Fund in accordance with prevailing laws. 36.2 The Supplier shall be responsible to disburse the remuneration, benefits, and other payments of the laborers, employees, or workforce into the bank account of the concerned individual. 36.3 The Supplier shall be responsible for ensuring that the required work permit has been obtained in accordance with prevailing laws in respect of foreign personnel.

Section VII. Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC.

GCC 1.1(i)	The Purchaser's country is: ***Nepal***
GCC 1.1(j)	The Purchaser is*:* ***NEA, Karnali Province Office, Surkhet***
GCC 1.1 (p)	The delivery Site is: ***NEA, Karnali Province Office Store, Surkhet***
GCC 5.1	The language shall be: **Nepali or English.** The language for translation of supporting documents and printed literature is: **English.**
GCC 7.1	For **notices**, the Purchaser's address shall be: Name and Address of the Purchaser: ***NEA, Karnali Province Office, surkhet*** **Telephone number: 083-520322, 9858072399** Facsimile number: e-mail Address:***karnali@nea.org.np***
GCC 9.2	In case of arbitration, the arbitration shall be conducted in accordance with the arbitration procedures in accordance with law of Nepal at ***Surkhet/Kathmandu.***
GCC 10.1	The Scope of Supply shall be defined in: ***"Section V, Schedule of Requirements".***
GCC 11.1	Upon delivery of the Goods to the transporter, the Supplier shall notify the Purchaser and send the following documents to the Purchaser: a) Copies of the Supplier's invoice showing the description of the Goods, quantity, unit price, and total amount; b) Copy of packing list identifying the contents of each package; c) Delivery note, railway receipt, or truck receipt; d) Manufacturer's or Supplier's warranty certificate;

	e) Certificate of origin; and f) Inspection certificate issued by the nominated inspection agency, and the Supplier's factory inspection report; The Purchaser shall receive the above documents before the arrival of the Goods and, if not received, the Supplier will be responsible for any consequent expenses. [Note: The above requirements should be reviewed on a case-by-case basis, with amendments being made as necessary]
GCC 14.2	The prices charged for the Goods delivered and the Related Services to be performed shall be fixed for the duration of the contract.[18] Or (***Adjustment Not applicable)*** The prices charged for the Goods delivered and Related Services to be performed shall be subject to adjustment during performance of the Contract to reflect changes in the cost of labor and material components in accordance with the formula: $$\Delta P = P_0\left(a + b\frac{L_1}{L_0} + c\frac{M_1}{M_0}\right) - P_0$$ in which: ΔP = adjustment amount payable to the Supplier. P_0 = Contract Price (base price). a = fixed element representing profits and overheads included in the Contract Price and generally in the range of five (5) to fifteen (15) percent. b = estimated percentage of labor component in the Contract Price. c = estimated percentage of material component in the Contract Price. L_0, L_1 = labor indices applicable to the appropriate industry in the country of origin on the base date and date for adjustment,

[18] If duration of contract is less than 12 months price adjustment shall not be applicable

	respectively. M_0, M_1 = material indices for the major raw material on the base date and date for adjustment, respectively, in the country of origin. The coefficients a, b, and c shall be specified by the Purchaser in the bidding document. The sum of the three coefficients should be one (1) in every application of the formula. The Bidder shall indicate in its Bid, the source of the indices and the base dates for such indices. Base date = thirty (30) days prior to the deadline for submission of the Bids. Date of adjustment = ……***[insert number of days or weeks]*** prior to date of shipment (representing the mid-point of the period of manufacture). The maximum amount of price adjustment to be made pursuant to this clause shall not be more than ***[Insert percent, normally twenty-five (25)]*** percent of the initial contract prices without VAT but including PS.
GCC 15.1	The terms of payment to be made to the Supplier under the contract shall be as follows: 1. The payment shall be made: (a) through accounts division/unit of the Purchaser 2. **Payments shall be made in Nepalese Rupees in the following manner:** (a) **<u>Advance Payment:</u>** 10 percent of the contract price shall be paid within thirty (30) days of signing of the contract, and upon submission of advance payment security. For the Advance payment the Bidder shall produce the advance payment bank guarantee, which shall be deducted in proportion to each and every running bill submitted by the contractor. Such bank guarantee shall be made valid up to 30 days beyond the full recovery of the advance amount (as per PPR clause 113(4)). Conditional bank guarantee shall not be accepted (b) **<u>On Delivery:</u>** 80 percent of the Contract Price of the Goods

	and related services delivered shall be paid within thirty (30) days of receipt of the Goods and upon submission of a claim supported by the documents specified in GCC 11.1 (a to e) (c) **<u>On acceptance:</u>** 20 percent. of the Contract Price of the Goods and related services delivered shall be paid within thirty (30) days upon submission of claim supported by the acceptance certificate issued by the Purchaser or its authorized person/s. **Deduction** for Advance payment recovery will be at the rate of 20***%*** from each delivery payment until fully recovered; provided that the advance payment shall be completely repaid prior to the end of 80 % of the approved contract price.
GCC 15.3	The proportion of payments retained is: ***"5 (five)) percent".***
GCC 15.6	The interest rate that shall be applied for payment delay is : ***0%.***
GCC 15.7	Recover interest on the advance amount from the Supplier should be at a rate of **10 %**.
GCC 17.1	The Supplier shall provide a Performance Security as below The Performance Security amount is **5% Of the Bid Price (without VAT but including PS)** ***required prior to contract agreement*** and shall be valid for the period of **17 months.** The performance security shall be forfeited by the Purchaser, in case the Supplier fails to complete the contractual obligation and rectify the defects within warranty period.
GCC 17.3	**The types of acceptable Performance Securities are:** A bank guarantee issued by Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law located in Nepal or commercial bank located abroad, acceptable to the Purchaser, in the format included in Section VIII, Contract Forms. Performance Security issued by foreign Bank must be counter – guaranteed by Commercial Bank or Financial Institution eligible to issue Bank Guarantee as per prevailing Law in Nepal.

GCC 22.2	A complete packing list indicating the content of each package shall be enclosed in a water proof envelope and shall be secured to the outside of the packing case. In addition, each package shall be marked with indelible ink/paint in bold letters, as follows: a. Contract number: b. Name and address of the Purchaser: c. Country of origin, d. Gross weight e. Net weight f. Package number of total number of packages g. Brief description of content h. [Insert any other additional marking] Upright markings, where appropriate, shall be placed on all four vertical sides of the package. All materials used for packing shall be environmentally neutral. ***[Note: The above requirements should be reviewed on a case-by-case basis, with amendments being made as necessary]***
GCC 23.1	The insurance coverage shall be in an amount equal to 110 percent of the contract price of the Goods on "All Risks" basis, including War Risks, riots and/or Strikes.
GCC 25.2	Tests and Inspections specified in Section V, Schedule of Requirements, shall be carried out at the following times or milestones, and places: **Test as defined in Technical Specifications** Test: Goods: **All the materials supplied** Type of Test: **Factory Acceptance Test** Time or Milestone: **Before dispatch** Place: **At manufacturer's site** Address: _____ Country:_____
GCC 26.1	The applicable rate of liquidated damages shall be: ***0.05 percent of the Contract Price without VAT but including PS per day***.

GCC 26.1	The maximum amount of liquidated damages shall be: ***ten (10) percent of the Contract Price without VAT but including PS .*** The contract shall be terminated, if liquidated damages exceeds 10 percent of the Contract Price (***without VAT but including PS)*** and blacklisting process shall be initiated for the Supplier's failure to complete the contractual obligations.
GCC 27.3	The period of validity of the Warranty shall be: ***365 days*** For the purposes of the Warranty, the place of final destination shall be: ***Surkhet, Nepal***
GCC 27.5 & GCC 27.6	The Supplier shall correct any defects covered by the Warranty within: ***30 days*** of being notified by the Purchaser of the occurrence of such defects

Section VIII. Contract Forms

Table of Forms

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Letter of Intent

[on letterhead paper of the Purchaser]

. . . . . ***[Insert date]***. . . . . .

Notes on Letter of Intent

The issuance of Letter of Intent is the information of the selection of the bid of the successful bidder by the Purchaser and for providing information to other unsuccessful bidders who participated in the bid as regards to the outcome of the procurement process. This standard form of Letter of Intent to Award should be filled in and sent to the successful Bidder only after evaluation and selection of substantially responsible evaluated bid closest to the Average Bid Price.

To: . . . . . ***[Insert name and address of the Supplier]*** . . . . . .

Subject: ***Issuance of letter of intent to award the contract***

This is to notify you that, it is our intention to award the contract for execution of the . . . . . ***.[Insert name of the contract and identification number, as given in the BDS/SCC] ……..*** to you as your bid price . . . . . ***.[Insert amount in figures and words in Nepalese Rupees] ……..*** as corrected and modified in accordance with the Instructions to Bidders is hereby selected as substantially responsive evaluated bid closest to the Average Bid Price.

Authorized Signature: .....

Name: .....

Title: .....

CC:
[Insert name and address of all other Bidders, who submitted the bid]

Letter of Acceptance

[on letterhead paper of the Purchaser]

. . . . . ***[Insert date]***. . . . . .

To: . . . . . ***name and address of the Supplier*** . . . . . .

Subject: ***Notification of Award***

This is to notify that your Bid for the Invitation of bids dated . . . . ***[Insert date of Bid Invitation]*** . . . . for execution of the . . . . . ***[Insert name of the contract and identification number, as given in the BDS/SCC]*** . . . . . for the Contract price of Nepalese Rupees ***[insert amount in figures and words in Nepalese Rupees]***, as corrected in accordance with the Instructions to Bidders is hereby accepted in accordance with the Instruction to Bidders.

You are hereby instructed to contract this office to sign the formal contract agreement within 15 days. As per the Conditions of Contract, you are also required to submit Performance Security, as specified in SCC, consisting of a Bank Guarantee in the format included in Section VIII (Contract Forms) of the Bidding Document.

The amount of performance security shall be **NPR**……..***[Insert amount]*** and validity period of performance security shall be ……***[insert validity period as per SCC 17.1***].

The Purchaser shall forfeit the bid security, in case you fail to furnish the Performance Security or/and to sign the contract within the specified period.

Authorized Signature: .....

Name and Title of Signatory: ……

Contract Agreement

THIS AGREEMENT made on the [***insert number***] day of [***insert month***], [***insert year***], between [***insert complete name of Purchaser***] of [***insert complete address of Purchaser***] (hereinafter "the Purchaser"), of the one part, and [***insert complete name of Supplier***] of [***insert complete address of Supplier***] (hereinafter "the Supplier"), of the other part:

WHEREAS the Purchaser invited Bids for certain Goods and Related Services, viz., [***insert brief description of the Goods and Related Services***] and has accepted a Bid by the Supplier for the supply of those Goods and Related Services in the sum of NPR ……..[***insert amount of contract price in words and figures including taxes***] (hereinafter "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Contract documents referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:

   (a) the Letter of Acceptance; ;
   (b) the Letters of Technical and Price Bid;
   (c) The Addenda Numbers ……***[Insert addenda numbers if any]***……
   (d) the Special Conditions of Contract;
   (e) the General Conditions of Contract;
   (f) the Schedule of Requirements;
   (g) the Price Schedules; and
   (h) ***[indicate any other documents required as appropriate].***

   This Contract Agreement shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

3. In consideration of the payments to be made by the Purchaser to the Supplier as indicated in this Agreement, the Supplier hereby covenants with the Purchaser to provide the Goods and Related Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Related Services and the remedying of defects therein, the Contract Price or such other sum as may become payabe under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of **"Nepal"** on the day, month, and year indicated above.

Signed by [***insert authorized signature for the Purchaser***] (for the Purchaser)

Signed by [***insert authorized signature for the Supplier***] (for the Supplier)

Performance Security

On Letterhead paper of the bank

..... [Insert Bank's Name, and Address of Issuing Branch or Office] .....

Performance Guarantee No.:…… ***[Insert guarantee reference number]…….***

To: [***insert complete name and Address of Purchaser***]

We have been informed that ... ... ***[insert complete name of Supplier, which in the case of a joint venture shall be the name of the joint venture***] (hereinafter "the Supplier") has received the notification of award Contract No. …….. ***[insert reference number of the Contract]***, for the execution of **[*insert name of contract and brief description of Goods]*** (hereinafter "the Contract").

AND WHEREAS it has been stipulated by you in the aforementioned Contract that the Supplier shall furnish you with a security [***insert type of security***] issued by a reputable guarantor for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS the undersigned [***insert complete name of Guarantor***], legally domiciled in [***insert complete address of Guarantor***], (hereinafter the "Guarantor"), have agreed to give the Supplier a security:

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

This security is valid until the ***[insert day, month, year***].

Name: [***insert complete name of person signing the Security***]

In the capacity of: [***insert legal capacity of person signing the Security***]

Signed: [***insert signature of person whose name and capacity are shown above***]

Duly authorized to sign the security for and on behalf of: **[*insert seal and complete name of Guarantor]***

Date: [***insert date of signing***]

Advance Payment Security

(On Letterhead paper of the bank)

..... [Insert Bank's Name, and Address of Issuing Branch or Office] .....

Advance Payment Guarantee No.:…… [Insert guarantee reference number]…….

To: *[**insert complete name and address of Purchaser**]*

In accordance with the payment provision included in the Contract, in relation to advance payments, *[**insert complete name of Supplier, which in the case of a joint venture shall be the name of the joint venture***] (hereinafter called "the Supplier") shall deposit with the Purchaser a security consisting of *[**indicate type of security***] for the Contract No. …….. ***[insert reference number of the Contract]***, for the execution of ***[insert name of contract and brief description of Goods]*** (hereinafter "the Contract"), to guarantee its proper and faithful performance of the obligations imposed by said Clause of the Contract, in the amount of [***insert currency and amount of guarantee in words and figures***].

We, the undersigned [***insert complete name of Guarantor***], legally domiciled in *[**insert full address of Guarantor**]* (hereinafter "the Guarantor"), as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the Purchaser on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding [***insert currency and amount of guarantee in words and figures****]*.

This security shall remain valid and in full effect from the date of the advance payment being received by the Supplier under the Contract until *[**(insert day, month, year) Contract completion date may be a basis for this date**]*.

Name: *[**insert complete name of person signing the Security**]*

In the capacity of: *[**insert legal capacity of person signing the Security**]*

Signed: [***insert signature of person whose name and capacity are shown above****]*

Duly authorized to sign the security for and on behalf of: **[*insert seal and complete name of Guarantor]***

Date: ***[insert date of signing]***

Table of Price Adjustment Data[19]

[To be used if Price Adjustment if applicable as per GCC 14.2]

Code	**Index Description**	**Source of Index**	**Base Value and Date**	**Purchaser's Weighting (coefficient)**
(1)	*(2)*	*(3)*	*(4)*	*(6)*
	Non - Adjustable (a)			
	Labor (b)			
	Materials (c)			
		Total		**1.00**

[19] Note: Source of Indices and Base value for such indexes in the "Bid Form of Table of Price Adjustment Data" in Bidding Forms (Section-IV) after verification by the Purchaser.

Schedule of Requirements (SOR)

Supply and Delivery of Fully Galvanized Channels, Stay, ACSR Conductor and Insulators

IFB No.: NEA_KPO/2083/084-Line Materials-01

Package 1: Electrical machinery, apparatus, equipment and consumables; lighting
CPV: 31000000-6 - Electrical machinery, apparatus, equipment and consumables; lighting
Electrical machinery, apparatus, equipment and consumables; lighting

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.1	Offset Channel Fully Galvanized Offset Channel (100*50*6.4*4*1700 mm) Approx. wt.13.20kg/pc	Nos.	650.00			
1.2	Arm Brace Angle for Offset Channel Fully Galvanized Arm brace angle for Offset Channel (40*40*5*887 mm) Approx. wt.2.61 kg/pc	Nos.	650.00			
1.3	Top Crossarm Channel (11 kV) Fully Galvanized Top Crossarm Channel (100x50x50x6x300 mm) Approx. wt. as per ISMC 100: 2.82 Kg/pc	Nos.	1,500.00			
1.4	Bottom Crossarm Channel (11 kV) Fully Galvanized Bottom Crossarm Channel (100x50x50x6x1200 mm) Approx. wt. as per ISMC 100: 11.5 Kg/pc	Nos.	1,500.00			
1.5	Arm Brace (11 kV) Fully Galvanized Arm brace (50x6x660 mm) Approx. wt.: 1.51 Kg/pc	Nos.	3,000.00			
1.6	Long Channel (11 kV) Fully Galvanized Long Channel (100x50x50x6x2390 mm) Approx. wt. as per ISMC 100: 23.25Kg/pc	Nos.	1,000.00			
1.7	Flat Strip for Transformer Mounting Fully Galvanized Flat Strip for Tr. Mounting (100x6x600 mm) Approx. wt. : 2.81 Kg/pc	Nos.	750.00			
1.8	Pole Clamp TC2 (11 kV) Fully Galvanized Pole Clamps (TC2: 50x6 mm) Approx. wt. 0.81 Kg/pc	Nos.	4,960.00			

Package 1: Electrical machinery, apparatus, equipment and consumables; lighting
CPV: 31000000-6 - Electrical machinery, apparatus, equipment and consumables; lighting
Electrical machinery, apparatus, equipment and consumables; lighting

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.9	Stay Set (11 kV) Fully Galvanized Stay Set (Stay Plate: 300x300x6 mm, Stay Rod: M16*1500 mm, Eye Bolt: M16*305 mm, Turn Buckle and Preform tie (4 nos.))	Set	1,590.00			
1.10	Stay Wire 7/12 SWG Stay Wires 7/12 SWG (7/2.64mm)	Kg.	3,000.00			
1.11	Strap for Pin Spindle (11 kV) Fully Galvanized Strap for Pin Spindle (50x6x396 mm) Approx. wt. : 0.98 Kg/pc	Nos.	900.00			
1.12	11 kV Disc Insulator with Fittings Disc Insulator with Grapher (11 KV)	set	1,655.00			
1.13	ACSR Rabbit Conductor 0.05 sq inch ACSR Conductor	km	17.00			
1.14	Top Crossarm Channel (33 kV) Fully Galvanized Top Crossarm Channel (100x50x50x6x385 mm) Approx. wt. as per ISMC 100: 3.65 Kg/pc	Nos.	300.00			
1.15	Bottom Crossarm Channel (33 kV) Fully Galvanized Bottom Crossarm Channel (100x50x50x6x1900 mm) Approx. wt. as per ISMC 100: 18.45 Kg/pc	Nos.	300.00			
1.16	Arm Brace (33 kV) Fully Galvanized Arm brace (50x6x760 mm) Approx. wt.: 1.79 Kg/pc	Nos.	600.00			
1.17	Long Channel (33 kV) Fully Galvanized Long Channel (100x50x50x6x3300 mm) Approx. wt. as per ISMC 100: 32.4 Kg/pc	Nos.	100.00			
1.18	Bracing Angle 2416 mm Fully Galvanized Bracing Angle (50x50x6x2416 mm) Approx. wt.: 11.19 Kg/pc	Nos.	100.00			

Package 1: Electrical machinery, apparatus, equipment and consumables; lighting
CPV: 31000000-6 - Electrical machinery, apparatus, equipment and consumables; lighting
Electrical machinery, apparatus, equipment and consumables; lighting

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.19	Bracing Angle 2872 mm Fully Galvanized Bracing Angle (50x50x6x2872 mm) Approx. wt.: 13.15 Kg/pc	Nos.	100.00			
1.20	Strap for Pin Spindle (33 kV) Fully Galvanized Strap for Pin Spindle (50x6x404 mm) Approx. wt. : 1 Kg/pc	Nos.	400.00			
1.21	Pole Clamp TC2 (33 kV) Galvanized Pole Clamps (TC2) (50*6) Approx wt. 0.81 kg/pc	Nos.	600.00			
1.22	Pole Clamp TC3 Galvanized Pole Clamps (TC3) (50*6) Approx wt. 0.97 kg/pc	Nos.	100.00			
1.23	Pole Clamp TC4 Galvanized Pole Clamps (TC4) (50*6) Approx wt. 1.09 kg/pc	Nos.	100.00			
1.24	Stay Set (33 kV) Fully Galvanized Stay Set (Stay Plate: 450x450x6 mm, Stay Rod: M16*1800 mm, Eye Bolt: M16*305 mm, Turn Buckle, Preform tie (4 nos.))	set	500.00			
1.25	Stay Wire 7/10 SWG Stay Wires 7/10 SWG (7/3.25 mm)	Kg.	3,000.00			
1.26	33 kV Pin Insulator with Spindle 33KV pin Insulator with Spindle	set	3,000.00			
1.27	ACSR Dog Conductor 0.1 sq inch ACSR Conductor	km	10.00			
1.28	Nut Bolt 10"x5/8" Hot Dip Galvanized Full Thread Nut Bolts, Size: 10"x5/8"	Kg.	1,000.00			

Package 1: Electrical machinery, apparatus, equipment and consumables; lighting
CPV: 31000000-6 - Electrical machinery, apparatus, equipment and consumables; lighting
Electrical machinery, apparatus, equipment and consumables; lighting

SL. No.	Item Description	Unit	Quantity	Bidder's Rate (NPR)	Bidder's Rate (in words)	Total Amount (NPR)
1.29	Nut Bolt 8"x4/8" Hot Dip Galvanized Full Thread Nut Bolts, Size: 8"x4/8"	Kg.	1,000.00			
1.30	Nut Bolt 7"x4/8" Hot Dip Galvanized Full Thread Nut Bolts, Size: 7"x4/8"	Kg.	2,000.00			
1.31	Nut Bolt 6"x4/8" Hot Dip Galvanized Full Thread Nut Bolts, Size: 6"x4/8"	Kg.	200.00			
1.32	Nut Bolt 3"x4/8" Hot Dip Galvanized Full Thread Nut Bolts, Size: 3"x4/8"	Kg.	200.00			

Total Item Price	
VAT (13.00%)	
Grand Total	