



**BHUTAN TELECOM LTD.
REGISTERED OFFICE IN THIMPHU**

**Construction of Tower and Shelter Foundation at Nimtola,
Kulagang and Nelipokhri under Dagapela PC**

Bidding Document

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Section I. Instructions to Bidders (ITB)

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Instructions to Bidders (ITB)

A. General

1. Scope of Bid

- 1.1 The Employer as defined in Section II, Bidding Data Sheet (BDS), invites Bids for the construction of Works, as described in the BDS and Section VI, Special Conditions of Contract (SCC). The name and identification number of the Contract is provided in the BDS and the SCC.
- 1.2 The successful Bidder will be expected to complete the Works by the Intended Completion Date specified in the Special Conditions of Contract.

2. Fraud and Corruption

- 2.1 It is RGoB's policy to require that Employers, Bidders, Suppliers, Contractors and their Subcontractors observe the highest standards of ethics during the procurement and execution of contracts.¹ In pursuance of this policy, the RGoB:
 - (a) defines, for the purposes of this provision, the terms set forth below as follows:
 - (i) "corrupt practice" is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
 - (ii) "fraudulent practice" is any intentional 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" is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
 - (iv) "coercive practice" is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
 - (v) "obstructive practice" is
 - (a) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order to materially impede any 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

- (b) acts intended to materially impede the exercise of the inspection and audit rights of the Employer or any organization or person appointed by the Employer and/or any relevant RGoB agency provided for under ITB Sub-Clause 3.1 (d) below.
- (b) 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 in competing for the contract in question.
- (c) will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that they have, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for, or in executing contract;
- (d) will have the right to require that a provision be included in Bidding Documents and in contracts, requiring Bidders, Suppliers, Contractors and their Subcontractors to permit the Employer, any organization or person appointed by the Employer and/or any relevant RGoB agency 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 Employer;
- (e) requires that Bidders, as a condition of admission to eligibility, execute and attach to their bids an Integrity Pact Statement in the form provided in Section IV, Bidding Forms. Failure to provide a duly executed Integrity Pact Statement shall result in disqualification of the Bid; and
- (f) will report any case of corrupt, fraudulent, collusive, coercive or obstructive practice to the relevant RGoB agencies, including but not limited to the Anti-Corruption Commission (ACC) of Bhutan, for necessary action in accordance with the statutes and provisions of the relevant agency.

2.2 Furthermore, Bidders shall be aware of the provision stated in GCC Sub-Clause 59.1

3. Eligible Bidders

- 3.1 A Bidder, and all parties constituting the Bidder, shall have the nationality as specified in the Section II Bid Data Sheet & subject to the provisions of Section III, Eligible Countries. A Bidder shall be deemed to have the nationality of a country if the Bidder is a citizen or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of that country. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including related services.
- 3.2 A Bidder shall not have a conflict of interest. All Bidders found to have conflict of interest shall be disqualified. Bidders may be

considered to have a conflict of interest with one or more parties in this bidding process, if:

they have at least one controlling partner in common; or

they receive or have received any direct or indirect subsidy from either party; or

they have the same authorized legal representative for purposes of this Bid; or

they 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 Employer regarding this bidding process; or

a Bidder participates in more than one Bid in this bidding process. Participation by a Bidder in more than one Bid shall result in the disqualification of all Bids in which such Bidder is involved. However, this does not limit the inclusion of the same subcontractor in more than one Bid; or

a Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Works that are the subject of the Bid or in any other way provided consulting services in any aspect of the preparatory stages leading up to the issue of these Bidding Documents; or

a Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Employer as Project Manager for the Contract implementation; or

(h) a Bidder or any of its affiliates employs or otherwise engages a close relative of a civil servant who either is employed by the Employer or has an authority over the bidder or its affiliates or over the bid. For the purposes of this Sub-Clause a close relative is defined as immediate family which includes father, mother, brother, sister, spouse and own children..

3.3 A Bidder that is determined to be ineligible pursuant to any of the provisions of this Bidding Document shall not be eligible to be awarded a Contract.

3.4 Government-owned enterprises in Bhutan shall be eligible only if they can establish that they (i) are legally and financially autonomous, (ii) operate under commercial law, and (iii) are not a dependent agency of the Employer.

3.5 Bidders shall provide such evidence of their continued eligibility satisfactory to the Employer as the Employer shall reasonably request.

3.6 A firm shall be excluded if:

(a) as a matter of law or official regulation, Bhutan prohibits commercial relations with the country in which the firm is constituted, incorporated or registered; or

- (1.1.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, Bhutan prohibits any import of goods or contracting of Works or services from that country in which the firm is constituted, incorporated or registered or any payments to persons or entities in that country.

3.7 A Bidder shall also be excluded if:

- (a) he is insolvent or is in receivership or is a bankrupt or is in the process of being wound up, or has entered into an arrangement with his creditors; or
- (b) his affairs are being administered by a court, judicial officer or appointed liquidator; or
- (c) he has suspended business or is in any analogous situation arising from similar procedures under the laws and regulations of his country of establishment; or
- (d) he has been found guilty of professional misconduct by a recognized tribunal or professional body; or
- (e) he has not fulfilled his obligations with regard to the payment of taxes, social security or other payments due in accordance with the laws of the country in which he is established or of the Kingdom of Bhutan; or
- (f) he is or has been guilty of serious misrepresentation in supplying information required for any prior registration with the Employer or the Construction Development Board of Bhutan; or
- (g) he has been convicted of fraud and/or corruption by a competent authority; or
- (h) he has not fulfilled his contractual obligations with the Employer in the past; or
- (j) he has been debarred from participation in public procurement by any competent authority as per law.

4. Qualifications of the Bidder

- 4.1 All Bidders shall provide in Section IV, Forms of Bid, Qualification Information, Letter of Acceptance, and Contract, a preliminary description of the proposed work method and schedule, including drawings and charts, as necessary.
- 4.2 In the event that pre-qualification of potential Bidders has been undertaken, only Bids from pre-qualified Bidders shall be considered for award of Contract. These qualified Bidders should submit with their Bids any information updating their original pre-qualification applications or, alternatively, confirm in their Bids that the originally submitted pre-qualification information remains essentially correct as at the date of Bid submission. The

update or confirmation should be provided in Section IV.

4.3 If the Employer has not undertaken pre-qualification of potential Bidders, all Bidders shall include the following information and documents with their Bids in Section IV, unless otherwise stated in the BDS:

- (a) **Legal status:** copies of original documents defining the constitution or legal status, place of registration, and principal place of business of the Bidder; written power of attorney of the signatory of the Bid to commit the Bidder;
- (b) **General work experience:** annual turnover for each of the last five (5) years, as follows;
 - (i) total annual turnover, including construction works; and
 - (ii) total annual turnover for construction works only;
- (c) **Similar work experience:** experience in works of a similar nature and size for each of the last five (5) years, and details of work under way or contractually committed; and clients who may be contacted for further information on those contracts;
- (d) **Equipment:** major items of construction equipment proposed to carry out the Contract;
- (e) **Manpower:** qualifications and experience of key site management and technical personnel proposed for this Contract. A person having a valid contract license cannot be an employee of any bidder
- (f) **Financial statement:** reports on the financial standing of the Bidder, such as Desk Assessment Report of Revenue & Customs for the past five (5) years;
- (g) **Financial capacity:** evidence of adequacy of working capital for this Contract (access to line(s) of credit and availability of other financial resources);

- (h) **References:** authority to seek references from the Bidder's bankers;
- (i) **Litigation:** information regarding any litigation, current or during the last five (5) years, in which the Bidder was/is involved, the parties concerned, and the disputed amounts; and awards;
- (j) **Subcontracting:** proposals for subcontracting components of the Works amounting to more than ten percent (10%) of the Contract Price. The ceiling for subcontractors' participation is stated in the BDS.

4.4 Bids submitted by a Joint Venture, Consortium or Association (JV/C/A) of two or more firms as partners shall comply with the following requirements, unless otherwise stated in the BDS:

- (a) the Bid shall include all the information listed in ITB Sub-Clause 4.3 above for each JV/C/A partner;
- (b) the Bid shall be signed so as to be legally binding on all partners;
- (c) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;
- (d) one of the partners shall be nominated as being in charge, authorized to incur liabilities, and receive instructions for and on behalf of any and all partners of the JV/C/A;
- (e) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge; and
- (f) a copy of the JV/C/A Agreement entered into by the partners shall be submitted with the Bid; or a Letter of Intent to execute a JV/C/A Agreement in the event of a successful Bid shall be signed by all partners and submitted with the Bid, together with a copy of the proposed Agreement.

4.5 To qualify for award of the Contract, Bidders shall meet the following minimum qualifying criteria:

- (a) average annual value of construction work over the period specified in the BDS of at least the amount specified in the BDS;
- (b) experience as prime contractor in the construction of at least the number of works specified in the BDS of a nature and complexity equivalent to the Works under this tender over the period specified in the BDS (to comply with this requirement, works cited should be at least seventy (70) percent complete);
- (c) proposals for the timely acquisition (own, lease, hire, etc.) of the essential equipment listed in the BDS;
- (d) a Contract Manager with at least five (5) years experience in works of an equivalent nature and volume, including no less than three (3) years as Manager; and
- (e) liquid assets and/or credit facilities, net of other contractual commitments and exclusive of any advance payments which may be made under the Contract, of no less than the amount specified in the BDS.

A consistent history of litigation or arbitration awards against the Applicant or any partner of a JV/C/A may result in disqualification.

- 4.6 The figures for each of the partners of a JV/C/A shall be added together to determine the Bidder's compliance with the minimum qualifying criteria of Sub-Clause 4.5(a) and (e); however, for a JV/C/A to qualify, each of its partners must meet at least twenty five percent (25%) of minimum criteria 4.5 (a), (b), and (e) for an individual Bidder, and the partner in charge at least forty percent (40%) of those minimum criteria. Failure to comply with this requirement shall result in rejection of the JV/C/A's Bid. Subcontractors' experience and resources shall not be taken into account in determining the Bidder's compliance with the qualifying criteria, unless otherwise stated in the BDS.
- 4.7 Domestic bidders and joint ventures, consortia or associations of domestic bidders who may be eligible for a margin of preference in Bid evaluation shall supply all information to satisfy the criteria for eligibility

as described in ITB Clause 3 of these Instructions to Bidders.

- 4.8 Bidders who meet the minimum qualifying criteria will be qualified only if their available bid capacity for construction work is equal to or more than the total bid value. The available bid capacity will be calculated as under :

Assessed Available bid Capacity = $(A \times N \times 2 - B)$

Where,

A= maximum value of civil engineering works executed in any one year during the last five years (updated to the current price level by adding five percent (5%) per year)

N= Number of years prescribed for completion of the works for which bids are invited (period up to 6 months to be half-year and more than 6 months as 1 year).

B= Value, at the current price level ,of existing commitments and on-going works to be completed during the period of the completion of works for which bids are invited.

5. One Bid per Bidder

- 5.1 Each Bidder shall submit only one Bid, either individually or as a partner in a JV/C/A. A Bidder who submits or participates in more than one Bid (other than as a subcontractor or in cases of alternatives that have been permitted or requested) shall cause all the proposals with the Bidder's participation to be disqualified.

6. Cost of Bidding

- 6.1 The Bidder shall bear all costs associated with the preparation and submission of his Bid, and the Employer shall in no case be responsible or liable for those costs.

7. Site Visit

- 7.1 The Bidder, at the Bidder's own responsibility and risk, is encouraged to visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the Bidder's own expense.

B. Bidding Documents

8. Content of Bidding Documents

- 8.1 The set of Bidding Documents comprises the documents listed in the table below and addenda issued in accordance with ITB Clause 10:
- | | |
|---------------|--|
| Section I: | Instructions to Bidders |
| Section II: | Bidding Data Sheet |
| Section III: | Eligible Countries |
| Section IV: | Forms of Bid, Qualification Information, Letter of Acceptance, and Contract |
| Section V: | General Conditions of Contract |
| Section VI: | Special Conditions of Contract |
| Section VII: | Specifications and Performance Requirements |
| Section VIII: | Drawings |
| Section IX: | Bill of Quantities - This (or the Activity Schedule in the case of lump sum Contracts) comprises a paper hard copy and an electronic copy on CD-ROM. |
| Section X: | Forms of Securities and Invitation for Bids |

9. Clarification of Bidding Documents

- 9.1 A prospective Bidder requiring any clarification of the Bidding Documents may notify the Employer in writing, including by cable, facsimile, telex or electronic mail, at the Employer's address indicated in the BDS. The Employer shall respond to any request for clarification received earlier than fifteen (15) days prior to the deadline for submission of bids. Copies of the Employer's response shall be forwarded to all purchasers of the Bidding Documents, including a description of the inquiry, but without identifying its source. Should the clarification result in changes to the essential elements of the Bidding Documents, the Employer shall amend the Bidding Documents, following the procedure in ITB Clause 10 and ITB Sub-Clause 20.2.
- 9.2 The bidder or his official representative is invited to attend a pre-bid meeting, which will take place at the place and time stated in BDS.
- 9.3 The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- 9.4 The bidder is requested to submit any questions in writing or by facsimile or email to reach the Employer not later than one week before the meeting.
- 9.5 Minutes of the meeting, including the text of the questions raised (without identifying the source of inquiry) and the responses given will be transmitted without delay to all purchasers of the bidding documents. Any modification of the bidding documents listed in Sub-Clause 9.1 which may become necessary as a result of the pre-bid meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to Clause 10 and not through the minutes of the pre-bid meeting.
- 9.6 Non-attendance of the pre-bid meeting will not be a cause for disqualification of a bidder.

10. Amendment of Bidding Documents

- 10.1 Before the deadline for submission of Bids, the Employer may modify the Bidding Documents by issuing addenda.
- 10.2 Any addendum thus issued shall be part of the Bidding Documents, shall be binding on all Bidders and shall be communicated in writing, including by cable, facsimile, telex or electronic mail, to all purchasers of the

Bidding Documents. Prospective Bidders shall acknowledge receipt of each addendum in writing, including by electronic mail, to the Employer.

- 10.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Employer shall extend, as necessary, the deadline for submission of Bids, in accordance with ITB Sub-Clause 20.2 below.

C. Preparation of Bids

11. Language of Bid

- 11.1 All documents relating to the Bid shall be in the language specified in the BDS.

12. Documents Comprising the Bid²

- 12.1 The Bid submitted by the Bidder shall comprise the following:
- (a) The Bid form (in the format indicated in Section IV – Forms of Bid, Qualification Information, Letter of Acceptance, and Contract);
 - (b) Bid Security in accordance with Clause 16;
 - (c) Priced Bill of Quantities - this must be submitted in paper form, signed by the duly authorized signatory of the Bidder, and also in electronic form on CD-ROM, if required by the Employer;
 - (d) Qualification Information Form and Documents;
 - (e) Integrity Pact Statement
 - (f) Alternative offers where invited;
- and any other materials required to be completed and submitted by Bidders, as specified in the BDS.

13. Bid Prices

- 13.1 The Contract shall be for the whole Works, as described in ITB Sub-Clause 1.1, based on the priced Bill of Quantities submitted by the Bidder.
- 13.2 The Bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items for which no rate or price is entered by the Bidder shall not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.
- 13.3 The Bidder shall quote its final all-inclusive net price, including all incidental costs, for carrying out the Contract. All duties, taxes and other levies payable by the Contractor under the Contract, or for any other cause, as of the date 30 days prior to the deadline for submission of Bids, shall be included in the rates, prices and total Bid price submitted by the Bidder.
- 13.4 The rates and prices quoted by the Bidder shall be subject to adjustment during the performance of the Contract if provided for in the BDS and the SCC and the provisions of GCC Clause 47 of the General Conditions of Contract. The Bidder shall submit with the Bid all the information required under the SCC and GCC Clause 47 of the General Conditions of Contract.

14. Currencies of Bid and Payment

- 14.1 The unit rates and prices shall be quoted by the Bidder entirely in Ngultrum (Nu). Foreign currency requirements shall be indicated as a percentage of the Bid price (excluding provisional sums³) and shall be payable at the option of the Bidder in up to three foreign currencies.
- 14.2 The rates of exchange to be used by the Bidder in arriving at the local currency equivalent and the percentage(s) mentioned in ITB Sub-Clause 14.1 above shall be the selling rates for similar transactions established by the authority specified in the BDS prevailing on the date 30 days prior to the latest deadline for submission of Bids. These exchange rates shall apply for all payments so that no exchange risk shall be borne by the Bidder. If the Bidder uses other rates of exchange, the provisions of ITB Clause 28.1 shall apply. In any case, payments shall be computed using the rates quoted in the Bid.
- 14.3 Bidders shall indicate details of their expected foreign currency requirements in the Bid.
- 14.4 Bidders may be required by the Employer to clarify their foreign currency requirements and to substantiate that the amounts included in the rates and prices, if required in the BDS, are reasonable and responsive to ITB Sub-Clause 14.1.
- 14.5 In case of International Procurement from countries other than India, the procuring agency may invite bids in convertible currencies. The bids shall however, be evaluated in accordance with Sub-Clause 14.2 above, but the payment shall be made in the currency of bid.

15. Bid Validity

- 15.1 Bids shall remain valid for the period specified in the BDS.
- 15.2 In exceptional circumstances, the Employer may request that the Bidders extend the period of validity for a specified additional period. The request and the Bidders' responses shall be made in writing or by electronic mail. The Bid Security required pursuant to ITB Clause 16 shall be extended to 30 days after the deadline of the extended Bid validity period. A Bidder may refuse the request without forfeiting the Bid Security. The refusal to extend the bid by the bidder will make the bid invalid and shall not be further considered for evaluation and award, A Bidder agreeing to the request shall not be required or permitted to modify its Bid, except as provided for in ITB Clause 16.
- 15.3 In the case of contracts in which the Contract Price is fixed (not subject to price adjustment), if the period of Bid validity is extended beyond 60 days, the amounts payable in local and foreign currency to the Bidder selected for award shall be adjusted as specified in the request for extension. Bid evaluation shall be based on the Bid Price without taking the above correction into consideration.

16. Bid Security

- 16.1 The Bidder shall furnish, as part of the Bid, a Bid Security as specified in the BDS.
- 16.2 The Bid Security shall be in fixed amount as specified in BDS and denominated in Ngultrum (Nu) or the currency of the Bid or in another freely convertible currency, and shall:
 - (a) at the Bidder's option, be in any of the following forms:

- (i) a demand unconditional bank guarantee; or
 - (ii) a account payee demand draft; or
 - (iii) a account payee cash warrant.
- (b) be issued by a reputable financial institution acceptable to the Employer selected by the Bidder and located in any eligible country. If the institution issuing the Bid Security is located outside Bhutan, it shall have a correspondent financial institution located in Bhutan to make it enforceable.
 - (c) in the case of a bank guarantee, be substantially in accordance with the form of Bid Security included in Section X, Security Forms, or other form approved by the Employer prior to Bid submission;
 - (d) be payable promptly upon written demand by the Employer in case the conditions listed in ITB Sub-Clause 16.5 are invoked;
 - (e) be submitted in its original form; copies shall not be accepted;
 - (f) remain valid for a period of 30 days beyond the validity period of the Bids, as extended, if applicable, in accordance with ITB Sub-Clause 15.2.
- 16.3 Any Bid not accompanied by a responsive Bid Security shall be Rejected by the Employer as non-responsive.
- 16.4 The Bid Securities of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder furnishing the Performance Security and in any event not later than 30 days after the expiration of the validity of the unsuccessful Bidder's Bid.
- 16.5 The Bid Security may be forfeited
- (a) if a Bidder withdraws its Bid during the period of Bid validity specified by the Bidder on the Bid Submission Sheet, except as provided for in ITB Sub-Clause 15.2; or
 - (b) if the Bidder that submitted the lowest evaluated Bid does not accept the correction of the Bid price pursuant to Clause 27; or
 - (c) if the successful Bidder fails within the specified time limit to
 - (i) sign the Contract; or
 - (ii) furnish the required Performance Security
- 16.6 The Bid Security of a JV/C/A must be in the name of the JV/C/A that submits the Bid. If the JV/C/A 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.

17. Alternative Proposals by Bidders

- 17.1 Alternatives shall not be considered, unless specifically allowed in the BDS. If so allowed, ITB Sub-Clauses 17.1 and 17.2 shall govern, and the BDS shall specify which of the following options shall be allowed:
- (a) Option One. A Bidder may submit alternative Bids with the base Bid and the Employer shall only consider the alternative Bids

offered by the Bidder whose Bid for the base case was determined to be the lowest-evaluated Bid, or

- (b) Option Two. A Bidder may submit an alternative Bid with or without a Bid for the base case. All Bids received for the base case, as well as alternative Bids meeting the Technical Specifications and Performance Requirements pursuant to Section VII, shall be evaluated on their own merits.

17.2 Alternative Bids shall provide all information necessary for a complete evaluation of the alternative by the Employer, including design calculations, technical specifications, breakdown of prices, proposed construction methods and other relevant details.

18. Format and Signing of Bid

18.1 The Bidder shall prepare one original of the documents comprising the Bid as described in **ITB Clause 12**, bound with the volume containing the Form of Bid, and clearly marked "ORIGINAL." In addition, the Bidder shall submit copies of the Bid, in the number specified in the BDS, and clearly marked as "COPIES." In the event of any discrepancy between the original and any copies, or between the original paper form of the Bill of Quantities (or Activity Schedule in the case of lump sum Contracts) and the electronic version on CD-ROM, the original shall prevail.

18.2 The original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the Bidder, pursuant to ITB Sub-Clause 4.3 (a). Unsigned Form of Bid & BOQ shall make the bid non-responsive. All pages of the Bid where entries or amendments have been made shall be initialed by the person or persons signing the Bid.

18.3 The Bid shall contain no alterations or additions, except those to comply with instructions issued by the Employer, or as necessary to correct errors made by the Bidder, in which case such corrections shall be initialed by the person or persons signing the Bid.

18.4 The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

D. Submission of Bids

19. Sealing and Marking of Bids⁴

19.1 Submit through e-bid

20. Deadline for Submission of Bids

20.1 Bids shall be delivered to the Employer at the address specified above no later than the time and date specified in the BDS.

20.2 The Employer may extend the deadline for submission of Bids by issuing an amendment in accordance with ITB Clause 10, in which case all rights and obligations of the Employer and the Bidders previously subject to the original deadline shall then be subject to the new deadline.

- 21. Late Bids** 21.1 Any Bid received by the Employer after the deadline prescribed in ITB Clause 20 shall be returned unopened to the Bidder.
- 22. Withdrawal, Substitution and Modification of Bids**
- 22.1 Bidders may withdraw, substitute or modify their Bids by giving notice in writing before the deadline prescribed in ITB Clause 20.
- 22.2 Each Bidder's withdrawal, substitution or modification notice shall be prepared, sealed, marked and delivered in accordance with ITB Clauses 18 and 19, with the outer and inner envelopes additionally marked "WITHDRAWAL", "SUBSTITUTION" or "MODIFICATION" as appropriate.
- 22.3 No Bid may be substituted or modified after the deadline for submission of Bids.
- 22.4 Withdrawal of a Bid between the deadline for submission of Bids and the expiration of the period of Bid validity specified in the BDS or as extended pursuant to ITB Sub-Clause 15.2 may result in the forfeiture of the Bid Security pursuant to ITB Clause 16. If the lowest or the lowest evaluated bidder withdraws his bid between the periods specified pursuant to clause 22.4, the bid security of the bidder shall be forfeited and in addition the bidder shall pay to the Employer the positive difference of sum, if any with the next lowest Bidder within 14 days of his withdrawal. If the bidder fails to pay the difference within the said date, the bidder shall be debarred by a Competent Authority as per law.
- 22.5 Bidders may only offer discounts to, or otherwise modify the prices of their Bids, by submitting Bid modifications in accordance with this clause or included in the initial Bid submission.

E. Bid Opening and Evaluation

- 23. Bid Opening** 23.1 The Employer shall open the Bids, including modifications made pursuant to ITB Clause 22, in the presence of the Bidders' representatives who choose to attend at the time and in the place specified in the BDS. Any specific opening procedures required if electronic bidding is permitted in accordance with ITB Sub-Clause 20.1 shall be as specified in the BDS.
- 23.2 Envelopes marked "WITHDRAWAL" shall be opened and read out first. Bids for which an acceptable notice of withdrawal has been submitted pursuant to ITB Clause 22 shall not be opened.
- 23.3 The Original & Modifications will be opened at the bid opening. The Bidders' names, the Bid prices, the total amount of each Bid and of any alternative Bid (if alternatives have been requested or permitted), any discounts, Bid withdrawals, substitutions or modifications, the presence or absence of Bid Security (and any other details the Employer may consider appropriate) responses to any Bidding Documents addenda; fulfillment of any such other specific formal requirements as are prescribed in the Bidding Documents; and such other details as the Employer may consider appropriate, shall be announced by the Employer at the opening. This information also shall be written on a notice board for the public to copy. Any Bid price,

discount or alternative Bid price not announced and recorded shall not be taken into account in Bid evaluation.

The bid form including appendices to bid form, bill of quantities, price schedules, bid securities, any discounts offered, and any other important documents shall be initialed by all members of the Bid Opening Committee. All corrections/overwriting will be noted and recorded on each page of the Bill of Quantities. The bid evaluation will be done using the Copies while the Original will be kept in safe custody. If there are any discrepancies between the Original & Copies, the Original shall prevail.

No Bid shall be rejected at Bid opening except for late Bids pursuant to ITB Clause 21, non- submission of completed bid form with signature, non-signing of IP and BOQ and insufficient Bid security. Substitution Bids and modifications submitted pursuant to ITB Clause 22 that are not opened and read out at Bid opening shall not be considered for further evaluation regardless of the circumstances. Late, withdrawn and substituted Bids shall be returned unopened to Bidders.

23.4 The Employer shall prepare Minutes of the Bid opening, including the information disclosed to those present in accordance with ITB Sub-Clause 23.3. The Minutes shall include, as a minimum:

- (a) the Contract title and reference number;
- (b) the Bid number;
- (c) the Bid deadline date and time;
- (d) the date, time and place of Bid opening;
- (e) Bid prices, per lot if applicable, offered by the Bidders, including any discounts and alternative offers;
- (f) the presence or absence of Bid security and, if present, its amount and validity;
- (g) name and nationality of each Bidder, and whether there is a withdrawal, substitution or modification;
- (h) the names of attendees at the Bid opening, and of the Bidders they represent (if any);
- (i) details of any complaints or other comments made by attendees/representatives attending the Bid opening, including the names and signatures of the attendees/representatives making the complaint(s) and/or comment(s); and
- (j) the names, designations and signatures of the members of the Bid Opening Committee.

The Bidders' representatives and attendees who are present shall be requested to sign the record. The omission of a Bidder's or other attendee'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.

**24.
Confidentiality**

24.1 Information relating to the examination, clarification, evaluation and comparison of Bids and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process until publication of the award to the successful Bidder has been announced pursuant to ITB Sub-Clause 33.4. Any effort by a Bidder to influence the Employer's processing of Bids or award decisions may result in the rejection of his Bid. Notwithstanding the above, from the time of Bid opening to the time of Contract award, if any Bidder wishes to contact the Employer on any matter related to the Bidding process, it should do so in writing, including by electronic mail.

**25. Clarification
of Bids**

25.1 To assist in the examination, evaluation and comparison of Bids, the Employer may, at the Employer's discretion, ask any Bidder for clarification of the Bidder's Bid, including breakdowns of unit rates. The request for clarification and the response shall be in writing, including by electronic mail, but no change in the price or substance of the Bid shall be sought, offered or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Bids in accordance with ITB Clause 27.

**26. Examination
of Bids and
Determination of
Responsiveness**

26.1 Prior to the detailed evaluation of Bids, the Employer shall determine whether each Bid (a) meets the eligibility criteria defined in ITB Clause 3; (b) has been properly signed; (c) is accompanied by the Bid Security; and (d) is substantially responsive to the requirements of the Bidding Documents.

26.2 A substantially responsive Bid is one which conforms to all the terms, conditions and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality or performance of the Works; (b) which limits in any substantial way, inconsistent with the Bidding Documents, the Employer's rights or the Bidder's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Bidders presenting substantially responsive Bids.

26.3 If a Bid is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

**27. Correction of
Errors**

27.1 Bids determined to be substantially responsive shall be checked by the Employer for any arithmetic errors. Errors shall be corrected by the Employer as follows:

- (a) where there is a discrepancy between the amounts in figures and in words, the amount in words shall govern; and
- (b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted shall govern, unless in the opinion of the Employer there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted shall govern, and the unit rate shall be corrected.

27.2 The corrections will be notified in writing to the individual bidder with a request for written acceptance of the corrections within the specified period as made in the notification. The amount stated in the Bid shall be adjusted by the Employer in accordance with the above procedure

for the correction of errors and, with the concurrence of the Bidder, shall be considered as binding upon the Bidder. If the Bidder does not accept the corrected amount, the Bid shall be rejected, and the Bid Security may be forfeited in accordance with ITB Sub-Clause 16.5 (b).

28. Currency for Bid Evaluation

- 28.1 Bids shall be evaluated as quoted in Ngultrum (NU) in accordance with ITB Sub-Clause 14.1, unless a Bidder has used different exchange rates than those prescribed in ITB Sub-Clause 14.2, in which case the Bid shall be first converted into the amounts payable in different currencies using the rates quoted in the Bid and then reconverted to Ngultrum (NU) using the exchange rates prescribed in ITB Sub-Clause 14.2.

29. Evaluation and Comparison of Bids

- 29.1 The Employer shall evaluate and compare only the Bids determined to be substantially responsive in accordance with ITB Clause 26.
- 29.2 In evaluating the Bids, the Employer shall determine for each Bid the evaluated Bid price by adjusting the Bid price as follows:
- (a) making any correction for errors pursuant to ITB Clause 27;
 - (b) excluding provisional sums and the provision (unless no rates have been asked from the bidders), if any, for contingencies in the Bill of Quantities, but including Day work, where priced competitively;
 - (c) making an appropriate adjustment for any other acceptable variations, deviations or alternative offers submitted in accordance with ITB Clause 17; and
 - (d) Making appropriate adjustments to reflect discounts or other price modifications offered in accordance with ITB Sub-Clause 22.5.
- 29.3 The Employer reserves the right to accept or reject any variation, deviation or alternative offer. Variations, deviations and alternative offers and other factors which are in excess of the requirements of the Bidding Documents or otherwise result in unsolicited benefits for the Employer shall not be taken into account in Bid evaluation.
- 29.4 The estimated effect of any price adjustment conditions under GCC Clause 47, during the period of implementation of the Contract, shall not be taken into account in Bid evaluation.
- 29.5 If the Bid which results in the lowest evaluated Bid price is abnormally low, seriously unbalanced and/or front loaded in the opinion of the Employer, the Employer shall require the Bidder to produce written explanations of, justifications and detailed price analyses for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. Such explanations, justifications and analyses may also include, but are not limited to, details of the technical solutions chosen, exceptionally favorable conditions available to the Bidder for the execution of the Contract, and the originality of the Works proposed by the Bidder. After objective evaluation of the explanations, justifications and price analyses, taking into consideration the schedule of estimated Contract payments, if the Procuring Agency decides to accept the abnormally low, seriously unbalanced and/ or front loaded price, the bidder shall be required to provide additional differential security equivalent to the difference between the

30. Preference for Domestic Bidders

- estimated amount and the quoted price in addition to the performance security.
- 30.1 As indicated in the BDS, domestic contractors may receive a margin of preference in Bid evaluation, for which this clause shall apply.
- 30.2 A domestic Bidder shall provide all evidence necessary to prove that it meets the following criteria to be eligible for a margin of preference in the comparison of its Bid with those of Bidders who do not qualify for the preference. A domestic Bidder shall:
- (a) be registered within Bhutan, constituted under and governed by the civil, commercial or public law of Bhutan, and have its statutory office, central administration or principal place of business there;
 - (b) have majority ownership by nationals of Bhutan;
 - (c) not subcontract more than ten percent (10) percent of the Contract Price, excluding provisional sums, to foreign contractors, suppliers and/or consultants.
- 30.3 Joint Ventures, Consortia and Associations of domestic firms may be eligible for the margin of preference provided that:
- (a) the individual partners satisfy the criteria of eligibility of ITB Sub-Clauses 30.2 (a) and (b);
 - (b) the JV/C/A is registered in Bhutan;
 - (c) the JV/C/A does not subcontract more than ten percent (10%) of the Contract Price, excluding provisional sums, to foreign firms; and
 - (d) the JV/C/A satisfies any other criteria specified for the purpose of domestic preference eligibility, as specified in the BDS.
- 30.4 The procedure used to apply the margin of preference shall be as stipulated in the BDS.

F. Award of Contract

31. Award Criteria

- 31.1 Subject to ITB Clause 32, the Employer shall award the Contract to the Bidder whose Bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid price, provided that such Bidder has been determined to be (a) eligible in accordance with the provisions of ITB Clause 3, and (b) qualified in accordance with the provisions of ITB Clause 4.

32. Employer's Right to Accept any Bid and to Reject any or all Bids

- 32.1 Notwithstanding ITB Clause 31, the Employer reserves the right to accept or reject any Bid, and to cancel the bidding process and reject all Bids, at any time prior to the award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Employer's action.

33. Notification of Award and Signing of Contract

- 33.1 The Bidder who's Bid has been accepted shall be notified in writing of the award by the Employer prior to expiration of the Bid validity period. This notification letter (hereinafter and in the General Conditions of Contract called the "Letter of Acceptance") shall state the sum that the Employer shall pay the Contractor in consideration of the execution, completion and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").
- 33.2 The Letter of Acceptance shall constitute the formation of the Contract, subject to the Bidder furnishing the Performance Security in accordance with ITB Clause 34 and signing the Contract in accordance with ITB Sub-Clause 33.3. It shall be accompanied by two originals of the Contract in the form provided for in Section IV – Forms of Bid, Qualification Information, Letter of Acceptance, and Contract.
- 33.3 The Contract shall incorporate all agreements between the Employer and the successful Bidder. It shall be signed by the Employer and sent to the successful Bidder with the Letter of Acceptance. Within 15 days of receipt, the successful Bidder shall sign the Contract and deliver it to the Employer.
- 33.4 Upon the furnishing by the successful Bidder of the Performance Security, the Employer shall notify all other Bidders of the results of the bidding and shall publish a notification of award on the Employer's website. The notifications to all other Bidders as well as the notification posted on the Employer's website shall include the following information:
- (i) the Bid and lot numbers
 - (ii) name of the winning Bidder, and the Price it offered, as well as the duration and summary scope of the contract awarded; and
 - (iii) the date of the award decision.

34. Performance Security

- 34.1 Within ten (10) working days after receipt of the Letter of Acceptance the successful Bidder shall deliver to the Employer a Performance Security in the amount stipulated in the GCC and in the form stipulated in the BDS, denominated in the type and proportions of currencies in the Letter of Acceptance and in accordance with the GCC. **The performance security shall be valid for six months after the date of issue of the Taking-over Certificate/completion of work. The cost of complying with the requirements of this clause shall be borne by the contractor.**
- 34.2 If the Performance Security is provided by the successful Bidder in the form of a Bank Guarantee, it shall be issued, at the Bidder's option, by a bank located in Bhutan, or by a foreign bank acceptable to the Employer through a correspondent bank located in Bhutan.
- 34.3 Failure of the successful Bidder to comply with the requirements of ITB Sub-Clauses 33.3 and 34.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the Bid Security. If the lowest evaluated bidder fails to produce the performance guarantee & sign the contract then apart from forfeiture of Bid Security, the bidder will also be required to bear the positive difference in contract amount between his bid and the bidder to whom the work has been awarded.
- 34.4 Upon the successful Bidder's signing of the Contract and furnishing of the Performance Security pursuant to ITB Sub-Clause 34.1, the

Employer shall promptly notify the name of the winning Bidder to each unsuccessful Bidder in accordance with ITB Sub-Clause 33.4 and shall discharge the Bid Securities of the unsuccessful Bidders pursuant to ITB Sub-Clause 16.4.

**35. Advance
Payment and
Security**

- 35.1 The Employer shall provide an Advance Payment on the Contract Price as stipulated in the GCC, subject to a maximum amount, as stated in the BDS. The advance payment shall be guaranteed by a Security in the form provided for in Section X, Security Forms.

36. Adjudicator

- 36.1 The Employer may propose the person named in the BDS to be appointed as Adjudicator under the Contract. If the Bidder disagrees with this proposal, the Bidder should so state in the Bid. If, in the Letter of Acceptance, the Employer has not agreed on the bidder's nomination of the Adjudicator, the Adjudicator may be appointed by mutual consent.

Section II. Bidding Data Sheet

A. General	
ITB 1.1	The Employer is <i>Bhutan Telecom Ltd, Gelephu.</i> <i>The name of the contract is "Construction Tower and Shelter Foundation at Nimtola, Kulagang and Nelipokhri, Dagapela</i> <i>The Works are Refer BOQ.</i>
ITB 1.2	The Intended Completion Date is 90 days from the issue of work order
ITB 4.3	The information required from Bidders in ITB Sub-Clause 4.3 is modified as follows: <i>ITB Sub-Clause 4.3(b, c, d, e, f, g, h, i & j) are not required.</i>
ITB 4.4 – ITB 4.8	<i>"Not Applicable"</i>
ITB 4.4	The qualification data required from Bidders in ITB Sub-Clause 4.4 is modified as follows: <i>"Not Applicable"</i>
ITB 4.5	The qualification criteria in ITB Sub-Clause 4.5 are modified as follows: <i>"none"</i> .
ITB 4.5 (e)	The minimum amount of liquid assets and/or credit facilities net of other contractual commitments of the successful Bidder shall be <i>"Not Applicable"</i>
ITB 4.5 (c)	The essential equipment to be made available for the Contract by the successful Bidder shall be: <i>"Not Applicable"</i>
ITB 4.6	Subcontractors' experience and resources <i>"shall not"</i> be taken into account
B. Bidding Documents	
ITB 9.1	The Employer's address for clarification is: <i>Mr. Pema Wangdi, CR Civil Section.</i>
ITB 9.2	Pre-bid Meeting shall <i>Not applicable</i>
C. Preparation of Bids	
ITB 11.1	The language of the bid is: <i>English</i>

ITB 12.1	Any modification in the materials required to be completed and submitted by the Bidders are 12.1 (f) are not required <u>additional requirement</u> 1. Valid Trade License 2. CDB Certificate 3. Information of work in hand
ITB 13.4	The Contract <i>“is not”</i> subject to price adjustment in accordance with GCC Clause 47.
ITB 14.2	The authority for establishing the rates of exchange shall be the Royal Monetary Authority of Bhutan.
ITB 14.4	Bidders <i>“are not”</i> required to substantiate the rates and prices.
ITB 15.1	The Bid shall be valid for 90 days from the deadline for submission of Bids stipulated in ITB Clause 20.1
ITB 16.1 & 16.2	The Bid Security amount is 22,000
ITB 17.1	Alternative Bids <i>“shall not be”</i> considered.
ITB 18.1	In addition to the original Bid, the number of copies is one copy
D. Submission of Bids	
ITB 19.1	Bidders may submit their Bids electronically: <i>“yes”</i>
ITB 19.3 (c)	The Employer’s address for the purpose of Bid submission is <i>Regional Director, CR Gelephu</i>
ITB 19.3 (d)	The name of the contract is <i>“Construction Tower and Shelter Foundation at Nimtola, Kulagang and Nelipokhri, Dagapela.”</i>
ITB 19.3 (e)	The warning shall read <i>“DO NOT OPEN BEFORE [20/08/2021, 2:30 pm]”</i>
ITB 20.1	The deadline for submission of Bids shall be <i>20/08/2021, 12 noon;</i>
E. Bid Opening and Evaluation	

ITB 23.1	<p>The Bid opening shall take place on the same day as the closing day of the bid submission at: [BTL Regional Conference Hall, Gelephu]</p> <p>Date: [20/08/2021]; Time:[2:30 pm]</p>
ITB 30.1	<p>Margin of domestic preference of five percent (5%) [“shall not”] apply</p>
ITB 30.3 (d)	<p>Other criteria to be used for the purpose of assessing domestic preference eligibility are: [“none”]</p>
F. Award of Contract	
ITB 34.1	<p>The Performance Security shall be provided in any one of the following forms:</p> <ul style="list-style-type: none"> (a) demand guarantee in the form provided for in Section X, Security Forms, or (b) banker’s certified cheque/cash warrant, or (c) Demand draft.
ITB 35.1	<p>The Advance Payment shall be limited to ten percent (10%) of the Contract Price.</p>
ITB 36.1	<p>The Adjudicator proposed by the Employer is (shall not apply)</p> <p>Disputes arising from the implementation of the provisions of the Contract shall be settled first by negotiations between the Contractor and the Employer in order to arrive at an amicable settlement. If negotiations fail between the parties, the dispute shall be referred to the CDB and finally resolved by Arbitration in accordance with rules and procedures of CDB enforced at the time of submission through its National Arbitration Committee. Either party can take the case to the court in Bhutan if the Arbitration award is not acceptable to them. If the case is taken to the court, all the decisions made by the Arbitration committee will be null & void.</p>

Section III. Eligible Countries

Eligibility for the Provision of Goods, Works and Services in RGoB-financed Procurement

1. The RGoB permits firms and individuals from all countries to offer goods, works and services for RGoB-financed projects. As an exception, firms of a Country, goods manufactured in a Country or services provided from or by a Country may be excluded if:
 - 1.1 As a matter of law or official regulation, the RGoB prohibits commercial relations with that Country, or
 - 1.2 By an Act of Compliance with a Decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the RGoB prohibits any import of goods from that Country or any payments to persons or entities in that Country.
2. For the information of Bidders, at the present time firms, goods and services from the following countries are excluded from this bidding:
 - (a) With reference to Paragraph 1.1 above:

[insert list of countries prohibited under the law or official regulations of Bhutan]
 - (a) With reference to Paragraph 1.2 above:

[insert list of countries which are barred under UN Security Council Chapter VII]

Section IV: Qualification information, Letter of Acceptance and Contract.

1. Qualification Information

Notes on Form of Qualification Information

The information to be filled in by Bidders in the following pages will be used for purposes of post qualification or for verification of prequalification as provided for in Clause 4 of the Instructions to Bidders. Attach additional pages as necessary. Pertinent sections of attached documents should be translated into the Language of the Bid, as specified in BDS ITB 11.1. If used for prequalification verification, the Bidder should fill in updated information only. Please fill up only clause 1.1. Rest is not applicable for petty contractors.

1. Individual Bidders or Individual Members of Joint Ventures, Consortia or Associations	<p>1.1 Constitution or legal status of Bidder: <i>[attach copy]</i></p> <p>Place of registration: <i>[insert]</i></p> <p>Principal place of business: <i>[insert]</i></p> <p>Power of attorney of signatory of Bid: <i>[attach]</i></p>
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	<p>1.4 Major items of Contractor's Equipment proposed for carrying out the Works. <i>[List all information requested below. Refer also to ITB Sub-Clause 4.5 (c).]</i> Copies of supporting ownership or leasing documents must be provided, confirming the information included below.</p>
--	---

Item of equipment	Quantity	Description, make, capacity and age (years)	Condition (new, good, poor) and number available	Owned, leased (from whom?), or to be purchased (from whom?)

	<p>1.5 Qualifications and experience of key personnel proposed for administration and execution of the Contract. <i>[Attach biographical data – CVs signed in original, supported by certificates confirming the qualifications and experience cited. Refer also to ITB Sub-Clause 4.3 (e) and GCC Sub-Clause 9.1.]</i></p>
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Position	Name	Qualifications and years of experience (general)	Years of experience in proposed position
(a)			
(b)			

	<p>1.8 Evidence of access to financial resources to meet the qualification requirements: cash in hand, lines of credit, loans and overdraft facilities, etc. List below and attach copies of supporting documents. (It should at least be total bid amount divided by total contract period multiplied by 2 to 3)</p> <p>1.9 Name, address and telephone, telex and facsimile numbers of banks that may provide references if contacted by the Employer.</p> <p>1.10 Information on current litigation(s) in which the Bidder is involved.</p>
--	--

Other party(ies)	Cause of dispute	Amount involved
(a)		
(b)		

	1.12 Proposed Program (work method and schedule). Descriptions, drawings and charts, as necessary, to comply with the requirements of the Bidding Documents. The Work Schedule shall specify an item by item schedule of the project activities and their order of precedence.
3. Additional Requirements	3.1 Bidders should provide any additional information required in the Bidding Data Sheet.

2. Letter of Acceptance

[Letterhead paper of the Employer]

26/08/2021

To:

This is to notify you that your Bid dated *[insert date]* for execution of the *[insert name of the Contract]* for the Contract Price of the equivalent of *[insert amount in number and words]* as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency.

Disputes arising from the implementation of the contract shall be dealt as per the clause no ITB 36.1 in the BDS.

The Contract in duplicate is attached hereto. You are hereby instructed to:

- (a) confirm your acceptance of this Letter of Acceptance by signing and dating both copies of it, and returning one copy to us no later than 10 days from the date hereof;
- (b) proceed with the execution of the said Works in accordance with the Contract;
- (c) sign and date both copies of the attached Contract and return one copy to us within 10 days of the date hereof; and
- (d) forward the Performance Security pursuant to ITB Sub-Clause 34.1, i.e., within 10 days after receipt of this Letter of Acceptance, and pursuant to GCC Sub-Clause 51.1

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Agency: _____

Attachment: Contract

AGREEMENT

This Agreement made this [insert date] between the [insert name and address of employer](hereinafter called "the Employer") of the one part and insert name and address of Contractor] (hereinafter called "the Contractor") of the other part.

Whereas the Employer is desirous that certain works should be executed by the Contractor, Viz. [insert name of Contract](hereinafter called the "Works") and the employer has accepted the Bid by the Contractor for the execution and completion of such works and remedying of any defects therein.

Now this Agreement witnessed as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the conditions of Contract hereinafter 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 said bid; lieu
 - (c) The condition of Contract;
 - (d) The Technical Specifications and the scope of works;
 - (e) The Drawings;
 - (f) The priced Bill of Quantities;
 - (g) The Schedules of Supplementary information
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the contractor hereby covenants with the Employer to execute and complete the works and remedy any defects therein in conformity in all respects with the Provisions of the contract.
4. The Employer hereby covenants to pay the contractor in consideration of the execution and completion of the works and remedying of defects therein the Contract price or such other sum as June become payable under the provisions of the contract at the times and in the manner prescribed by the Contract.
5. Any notice under this Contract shall be in the form of a letter, telex, cable or facsimile. Notice to either party shall be given to the following address, unless subsequently modified by either party in writing:

FOR THE EMPLOYER:

**Regional Director
Bhutan Telecom,
Gelephu: Bhutan.**

(Address and Fax # etc.) (02) 343434

FOR THE CONTRACTOR:

[Insert name of Agency]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed in accordance with the laws of the Kingdom of Bhutan on the day and year written above.

Employer

Contractor

Authorized Signature

Authorized Signature

Signed in the presence of:

Witness to Employer's Signature

Witness to Contractor's Signature

Section V. General Conditions of Contract (GCC)

Notes on General Conditions of Contract

The General Conditions of Contract (GCC), read in conjunction with the Special Conditions of Contract and other documents listed therein, should be a complete document expressing fairly the rights and obligations of both parties.

The form of General Conditions of Contract that follows has been developed on the basis of considerable international experience in the drafting and management of contracts, bearing in mind a trend in the construction industry towards simpler, more straightforward language.

The form can be used directly for smaller ad measurement (unit prices or unit rates in a Bill of Quantities) contracts and, with the modifications noted in the footnotes, it can be adapted for lump sum contracts.

The use of standard General Conditions of Contract for building and civil works will promote comprehensiveness of coverage, general acceptability of its provisions, savings in cost and time in Bid preparation and review, and the development of a solid background of legal case histories.

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General Conditions of Contract

A. General

1. Definitions

1.1 Boldface type is used to identify defined terms.

(a) The **Adjudicator** is the person appointed jointly by the Employer and the Contractor to resolve disputes in the first instance, as provided for in GCC Clauses 25 and 26 hereunder.

(b) **Bill of Quantities** summary of the units and unit prices of the items proposed under the contract.

(c) **Compensation Events** are those defined in GCC Clause 44 hereunder.

(d) The **Completion Date** is the date of completion of the Works as certified by the Employer, in accordance with GCC Sub-Clause 55.1.

(e) The **Contract** is a formal agreement in writing entered into between the Employer and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in GCC Sub-Clause 2.3 below.

(f) The **Contractor** is an individual or legal entity entering into a contract after its Bid to carry out the Works has been accepted by the Employer.

(g) The **Contractor's Bid** is the completed Bidding document submitted by the Contractor to the Employer.

(h) The **Contract Price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.

(i) **Days** are calendar days; months are calendar months.

(j) **Day works** are varied work inputs subject to payment on a time basis for the Contractor's employees and Equipment, in addition to payments for associated Materials and Plant.

(k) A **Defect** is any part of the Works not completed in accordance with the Contract.

(l) The **Defects Liability Certificate** is the certificate issued by the Employer upon correction of defects by the Contractor.

(m) The **Defects Liability Period** is the period named in SCC Sub-Clause 35.1 and calculated from the Completion Date.

(n) **Drawings** include calculations and other information provided or approved by the Employer for the execution of the Contract.

(o) The **Employer** is the Government Agency which enters into a Contract with a Contractor to carry out the Works, as specified in the SCC. The terms "Procuring Agency", "Purchaser", or "Employer" is synonymous.

(p) **Equipment** is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.

(q) The **Initial Contract Price** is the Contract Price listed in the Employer's Letter of Acceptance.

(r) The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is specified in the SCC. The Intended Completion Date may be revised only by the Employer by issuing an extension of time or an acceleration order.

(s) **In writing** is in any written form, including electronic mail.

(t) **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.

(u) **Plant** is any integral part of the Works that shall have a mechanical, electrical, chemical or biological function.

(v) The **Project Manager** is the person named in the SCC (or any other competent person appointed by the Employer and notified to the Contractor, to act in replacement of the Employer) who is responsible for supervising the execution of the Works and administering the Contract.

(w) **SCC** is the Special Conditions of Contract.

(x) **Secured Advance:** Secured advance can be given for non-perishable materials only. Materials such as cement/bamboo cannot be eligible for the secured advance. No secured advance shall be given on account of plants & machineries.

(y) The **Site** is the area defined as such in the SCC.

(z) **Site Investigation Reports** are those that were included in the Bidding Documents and are factual and interpretative reports about the surface and subsurface conditions at the Site.

(aa) **Specifications** mean the Specifications of the Works included in the Contract and any modification or addition made or approved by the Project Manager.

(bb) The **Start Date** is given in the SCC. It is the latest date when the Contractor shall commence execution of the Works. It does not necessarily coincide with any of the Site Possession Dates.

(cc) A **Subcontractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract, which includes work on the Site.

(dd) **Temporary Works** are works designed, constructed, installed and removed by the Contractor that are needed for construction or installation of the Works.

(ee) A **Variation** is an instruction given by the Project Manager which varies the Works.

(ff) The **Works** are what the Contract requires the Contractor to construct, install and turn over to the Employer, as defined in the SCC.

2. Interpretation

2.1 In interpreting these GCC, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of

- the Contract unless specifically defined. The Project Manager shall provide instructions clarifying queries about these GCC.
- 2.2 If sectional completion is specified in the SCC, references in the GCC to the Works, the Completion Date and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).
- 2.3 The documents forming the Contract shall be interpreted in the following order of priority:
- (1) Contract,
 - (2) Letter of Acceptance,
 - (3) Contractor's Bid,
 - (4) Special Conditions of Contract,
 - (5) General Conditions of Contract,
 - (6) Specifications,
 - (7) Drawings,
 - (8) Bill of Quantities, and
 - (9) any other document listed in the SCC as forming part of the Contract.
- 3. Language and Law** 3.1 The language of the Contract and the law governing the Contract are stated in the SCC.
- 4. Project Manager's Decisions** 4.1 Except where otherwise specifically stated, the Project Manager shall decide contractual matters between the Employer and the Contractor in the role representing the Employer..
- 5. Delegation** 5.1 The Project Manager may delegate any of his duties and responsibilities to other people, except to the Adjudicator, after notifying the Contractor, and may cancel any delegation after notifying the Contractor.
- 6. Communications** 6.1 Communications between parties that are referred to in the Conditions shall be effective only when in writing and delivered by hand (against receipt), sent by mail or courier, or transmitted using any of the agreed systems of electronic transmission. A notice shall be effective only when it is delivered.
- 7. Subcontracting** 7.1 The Contractor may subcontract with the approval of the Employer provided such provisions exist in contract document, but shall not assign the Contract without the approval of the Employer in writing. Subcontracting shall not alter the Contractor's obligations.
- 8. Setting Out** 8.1 The Contractor shall be responsible for setting out the Works and for ensuring the correctness of the positions, levels, dimensions and alignment of the Works. At any time during the execution of the Works, he shall correct any error at his own expense when required to do so by the Employer. Boreholes, exploratory excavations or soil testing may be done if instructed by the Employer. In case, cost of boreholes or exploratory excavations or soil testing is not included in the Contract Price, the cost shall be borne by the Employer. The contractor shall provide all facilities like labour and instruments, and shall co-operate

with the Engineer-in-Charge to check all alignments, grades, levels and dimensions. Such checking shall not relieve the contractor of his own responsibility of maintaining the accuracy of the work.

9. Other Contractors

- 9.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities and the Employer between the dates given in the Schedule of Other Contractors, as referred to in the SCC. The Contractor shall also provide facilities and services for them as described in the Schedule. The Employer may modify the Schedule of Other Contractors, and shall notify the Contractor of any such modification.

10. Personnel

- 10.1 The Contractor shall employ the key personnel named in the Schedule of Key Personnel, as referred to in the SCC, to carry out the functions stated in the Schedule or other personnel approved by the Project Manager. The Project Manager shall approve any proposed replacement of key personnel only if their relevant qualifications and abilities are substantially equal to or better than those of the personnel listed in the Schedule. If the Contractor fails to deploy the personnel as committed in the Bid document, the employer shall stop the work if the quality of work is going to suffer or otherwise deduct the salaries of such personnel at a rate stipulated in the Special Condition of Contract per month per personnel for every month of absence of such personnel from the site. Such deductions shall continue till such time that the Contractor deploys the key personnel acceptable to the employer. If the Contractor fails to deploy such key personnel within one to four months, the deductions shall be discontinued and the contractor's failure to deploy such personnel shall be treated as a fundamental breach of contract.

Similarly, if the committed equipments are not available at site, the hiring charges of such equipments shall be deducted at a rate stipulated in the SCC per month for every month of absence for a period of one to four months after which the deductions shall be discontinued and the contractor's failure to produce such equipments at site shall be treated as a fundamental breach of contract.

- 10.2 The Contractor shall pay rates of wages and observe conditions of labour which are not lower than the general level of wages and conditions in Bhutan. The Contractor shall provide and maintain all necessary accommodation and welfare facilities for the Contractor's personnel. The Contractor shall comply with all relevant labour laws applicable to the Contractor's personnel, including their employment, health, safety, welfare, immigration and emigration, and shall allow them all their legal rights. The Contractor is required, to the extent practicable and reasonable, to employ national staff and labour with appropriate qualifications and experience.
- 10.3 The Contractor shall not engage child labour and shall conform to the labour laws/acts, rules and regulations of Bhutan in the execution of Contract work. A child who has not attained the age of 18 years shall not be employed in any work as a labourer. During the continuance of the Contract the Contractor and his Subcontractors shall abide at all times with the labour laws/acts, rules and regulations, including child labour, related enactment and rules made there under.

11. Employer's and Contractor's Risks	11.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.
12. Employer's Risks	<p>12.1 From the Start Date until the Defects Liability Certificate has been issued, the following are Employer's risks:</p> <ul style="list-style-type: none"> (a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials and Equipment), which are due to: <ul style="list-style-type: none"> (i) use or occupation of the Site by the Works or for the purpose of the Works, which is the unavoidable result of the Works or (ii) negligence, breach of statutory duty, or interference with any legal right by the Employer or by any person employed by or contracted to him except the Contractor. (b) The risk of damage to the Works, Plant, Materials and Equipment to the extent that it is due to a fault of the Employer or in the Employer's design, or due to war or radioactive contamination directly affecting Bhutan.
13. Contractor's Risks	13.1 From the Start Date until the Defects Liability Certificate has been issued, the risks of personal injury, death, and loss of or damage to property (including, without limitation, the Works, Plant, Materials and Equipment) which are not Employer's risks are Contractor's risks.
14. Insurance	<p>14.1 The Contractor shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the end of the Defects Liability Period, in the amounts and deductibles stated in the SCC for the following events which are due to the Contractor's risks:</p> <ul style="list-style-type: none"> (a) loss of or damage to the Works, Plant and Materials to be built into the works. <p>14.2 Policies and certificates for insurance shall be delivered by the Contractor to the Project Manager for the Project Manager's approval before the Start Date. All such insurance shall provide for compensation to be payable in the types and proportions of currencies required to rectify the loss or damage incurred.</p> <p>14.3 If the Contractor does not provide any of the policies and certificates required, the Employer may effect the insurance which the Contractor should have provided and recover the premiums the Employer has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due from the Contractor to the Employer.</p> <p>14.4 Alterations to the terms of insurance shall not be made without the approval of the Project Manager.</p> <p>14.5 Both parties shall comply with any conditions of the insurance policies.</p>
15. Queries about the Special	15.1 The Project Manager shall clarify queries on the SCC.

Conditions of Contract

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| 16. Contractor to Construct the Works | 16.1 The Contractor shall construct and install the Works in accordance with the Specifications and Drawings. |
| 17. The Works to Be Completed by the Intended Completion Date | 17.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the Program submitted by the Contractor, as updated with the approval of the Project Manager, and complete them by the Intended Completion Date. |
| 18. Approval by the Project Manager | <p>18.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Project Manager, who is to approve them if they comply with the Specifications and Drawings.</p> <p>18.2 The Contractor shall be responsible for design of Temporary Works.</p> <p>18.3 The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary Works.</p> <p>18.4 The Contractor shall obtain approval of third parties to design the Temporary Works, where required.</p> <p>18.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works are subject to prior approval by the Project Manager before use.</p> |
| 19. Safety | <p>19.1 The Contractor shall be responsible for the safety of all activities on the Site.</p> <p>19.2 The Contractor shall assume full responsibility and comply with all applicable safety regulations for the adequacy and safety of site operations and methods of construction and he shall adopt measures to prevent injuries to persons or damage to properties or utilities. He shall hold the Employer harmless from any liability for loss or damage resulting from his failures to take the necessary precautions. He shall avoid undue interference with private business, public travel, or with the work of other contractors. He shall take steps to protect the environment and to minimize noise, pollution or other undesirable effects resulting from his method of operation.</p> |
| 20. Discoveries | <p>20.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site shall be the property of the Employer. The Contractor shall notify the Project Manager of such discoveries and carry out the Employer's instructions for dealing with them.</p> <p>20.2 All materials obtained during excavation from the site and that have not been accounted for in the bid shall be the property of the Employer and the contractor shall take care of useful materials obtained during the execution of the Works and stack at place designated by the Employer. An arrangement shall be made between the Contractor and the Employer for the use and disposal of such materials according to the laws of the kingdom of Bhutan.</p> |

21. Possession of the Site	21.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the SCC, the Employer shall be deemed to have delayed the start of the relevant activities, and this shall be a Compensation Event.
22. Access to the Site	22.1 The Contractor shall allow the Project Manager and any person authorized by the Employer access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.
23. Instructions, Inspections and Audits	23.1 The Contractor shall carry out all instructions of the Project Manager which comply with the applicable laws where the Site is located.
	23.2 The Contractor shall give notice to the Project Manager whenever any work is ready and before it is covered up, put out of sight, or packaged for storage or transport. The Project Manager shall then either carry out the examination, inspection, measurement or testing without unreasonable delay, or promptly give notice to the Contractor that he does not require to do so. If the Contractor fails to give the notice, he shall, if and when required by the Project Manager, uncover the work and thereafter reinstate and make good, all at the Contractor's cost.
	23.3 The Contractor shall permit the Employer and/or persons appointed by the Employer to inspect the Site and/or the accounts and records of the Contractor and its Subcontractors relating to the performance of the Contract, and to have such accounts and records audited by auditors appointed by the Employer if so required by the Employer. The Contractor's attention is drawn to GCC Sub-Clause 59.1 [Corrupt or Fraudulent Practices] which provides, inter alia, that acts intended materially to impede the exercise of the Employer's inspection and audit rights provided for under GCC Sub-Clause 23.3 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to ITB Sub-Clause 2.1 (c) of the Instructions to Bidders within the Bidding Documents that preceded the placement of the Contract of which these GCC form a part).
24. Disputes	24.1 If the Contractor believes that a decision taken by the Project Manager was either outside the authority given to the Project Manager by the Contract or that the decision was wrongly taken, the decision shall be referred to the Adjudicator or Arbitrator within 14 days of the notification of the Project Manager's decision.
25. Procedure for Disputes	25.1 The Adjudicator shall give a decision in writing within 30 days of receipt of a notification of a dispute.
	25.2 The Adjudicator shall be paid by the hour at the rate specified in the BDS and the SCC, together with reimbursable expenses of the types specified in the SCC, and the cost shall be divided equally between the Employer and the Contractor, whatever decision is reached by the Adjudicator. Either party may refer a decision of the Adjudicator to an Arbitrator within 30 days of the Adjudicator's written decision. If neither party refers the dispute to arbitration within the above 30 days, the Adjudicator's decision shall be final and binding.
	25.3 The arbitration shall be conducted in accordance with the arbitration procedure published by the institution named and in the place specified in the SCC.

- 26. Replacement of Adjudicator**
- 26.1 Should the Adjudicator resign or die, or should the Employer and the Contractor agree that the Adjudicator is not functioning in accordance with the provisions of the Contract, a new Adjudicator shall be jointly appointed by the Employer and the Contractor. In case of disagreement between the Employer and the Contractor, within 30 days, the Adjudicator shall be designated by the Appointing Authority designated in the SCC at the request of either party, within 14 days of receipt of such request.

B. Time Control

- 27. Program**
- 27.1 Within the time stated in the SCC, after the date of the Letter of Acceptance, the Contractor shall submit to the Project Manager for approval a Program showing the general methods, arrangements, order and timing for all the activities in the Works.
- 27.2 An update of the Program shall be a program showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining work, including any changes to the sequence of the activities.
- 27.3 The Contractor shall submit to the Project Manager for approval an updated Program at intervals no longer than the period stated in the SCC. If the Contractor does not submit an updated Program within this period, the Project Manager may withhold the amount stated in the SCC from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program has been submitted.
- 27.4 The Project Manager's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Employer again at any time. A revised Program shall show the effect of Variations.
- 28. Extension of the Intended Completion Date**
- 28.1 The Project Manager shall extend the Intended Completion Date if a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining work, which would cause the Contractor to incur additional cost.
- 28.2 The Project Manager shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Project Manager for a decision upon the effect of Variation and submitting full supporting information. If the Contractor has failed to give early warning of a delay or has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.
- 29. Acceleration**
- 29.1 When the Employer wants the Contractor to finish before the Intended Completion Date, the Project Manager shall obtain priced proposals for achieving the necessary acceleration from the Contractor. If the Employer accepts these proposals, the Intended Completion Date shall be adjusted accordingly and confirmed by both the Employer and the Contractor.

- 29.2 If the Contractor's priced proposals for acceleration are accepted by the Employer, they are incorporated in the Contract Price and treated as a Variation.
- 30. Delays Ordered by the Project Manager**
- 30.1 The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.
- 31. Management Meetings**
- 31.1 Either the Project Manager or the Contractor may require the other to attend a management meeting. The business of a management meeting shall be to review the plans for remaining work and to deal with matters raised in accordance with the early warning procedure.
- 31.2 The Project Manager shall record the business of management meetings and provide copies of the record to those attending the meeting. The responsibility of the parties for actions to be taken shall be decided by the Project Manager either at the management meeting or after the management meeting and stated in writing to all who attended the meeting.
- 32. Early Warning**
- 32.1 The Contractor shall warn the Project Manager at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work increase the Contract Price or delay the execution of the Works. The Project Manager may require the Contractor to provide an estimate of the expected effect of the future event or circumstance on the Contract Price and Completion Date. The estimate shall be provided by the Contractor as soon as reasonably possible.
- 32.2 The Contractor shall cooperate with the Project Manager in making and considering proposals for how the effect of such an event or circumstance can be avoided or reduced by anyone involved in the work and in carrying out any resulting instruction of the Project Manager.
- 32.3 If the Contractor considers himself to be entitled to any extension of Time for Completion and/or any additional payment, under any Clause of these Conditions or otherwise in connection with the Contract, the Contractor shall give notice to the Project Manager, describing the event or circumstance giving rise to the claim. The notice shall be given as soon as practicable, and not later than 30 days after the Contractor became aware, or should have become aware, of the event or circumstance.
- 32.4 If the Contractor fails to give notice of a claim within such period of 30 days, the Employer shall be discharged from all liability in connection with the claim.

C. Quality Control

- 33. Identifying Defects**
- 33.1 The Project Manager shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities to ensure the quality of works executed. The Project Manager may instruct the Contractor to search for a Defect and to uncover and test any work that the Project Manager considers may have a Defect.

- 34. Tests**
- 34.1 If the Project Manager instructs the Contractor to carry out a test not specified in the Specifications to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect, the test shall be a Compensation Event.
- 35. Correction of Defects**
- 35.1 The Project Manager shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion, and is defined in the SCC. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.
- 35.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Project Manager's notice.
- 36. Uncorrected Defects**
- 36.1 If the Contractor has not corrected a Defect within the time specified in the Project Manager's notice, the Project Manager shall assess the cost of having the Defect corrected, and the Contractor shall pay this amount to the Employer. At the option of the Employer, payment of such costs may be made in whole or in part by the Employer deducting and keeping for itself appropriate amounts from the Retention Money and/or claiming against any bank guarantee provided by the Contractor pursuant to GCC Sub-Clause 48.3.

D. Cost Control

- 37. Bill of Quantities**
- 37.1 The Bill of Quantities shall contain items for the construction, installation, testing and commissioning work to be done by the Contractor.
- 37.2 The Bill of Quantities is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the Bill of Quantities for each item.
- 38. Changes in the Quantities**
- 38.1 If the final quantity of the work done differs from the quantity in the Bill of Quantities for the particular item by more than twenty percent (20%), provided the cost of variation beyond twenty percent (20%) limit exceeds one percent (1%) of the Initial Contract Value the Employer shall adjust the quoted rate up or down to allow for the change. Only when both conditions are met then the quoted rate shall be changed.
- (a) If the quantity of work executed exceeds the quantity of the item in BOQ beyond the higher specified limit the Employer shall fix the market rate (which may be lower or higher than the quoted rate) to be applied for the additional quantity of the work executed.
- (b) If the quantity of work executed is less than the quantity of the item in BOQ lesser than the lower specified limit, the Employer shall fix the market rate based on the submission of the contractor (which may be lower/higher than the quoted rate) to be applied for whole of the quantity of the work so executed.
- 38.2 The rates shall not be adjusted from changes in quantities if thereby the Initial Contract Price is exceeded by more than five percent (5%), except with the prior approval of the Employer in consultation with the Tender Committee.

38.3 If requested by the Project Manager, the Contractor shall provide the Project Manager with a detailed cost breakdown of any rate in the Bill of Quantities.

39. Variations

39.1 The Project Manager shall order any variation of the form, quality or quantity of the Works or any part thereof that may, in his opinion, be necessary. Each variation may include, but is not limited to, any of the following:

- (a) increase or decrease in the quantity of any work included in the Contract,
- (b) omission or insertion of any item of work,
- (c) change in the character or quality or kind of any such work,
- (d) change in the levels, lines, position and dimensions of any part of the works,
- (e) additional work of any kind, or
- (f) change in any specified sequence or timing of construction activities.

39.2 The Project Manager shall make any such variation by issuing written instructions to the Contractor and ensure that such variations are duly noted in the Site Order Register. A variation made shall not, in any way, vitiate or invalidate the Contract, but the effect, if any, of all such variations shall be valued in accordance with GCC Clause 40.

39.3 The Contractor shall execute and be bound by each Variation, unless the Contractor promptly gives notice to the Project Manager stating (with supporting particulars) that (i) the Contractor cannot readily obtain the Goods required for the Variation, or (ii) such Variation triggers a substantial change in the sequence of the progress of the Works. Upon receiving this notice, the Project Manager shall cancel, confirm or vary the instruction.

39.4 All Variations shall be included in updated Programs produced by the Contractor.

40. Payments for Variations

40.1 The Contractor shall provide the Project Manager analysed rate for carrying out the Variation when requested to do so by the Project Manager. The Project Manager shall assess the analysed rates, which shall be given within seven days of the request or within any longer period stated by the Project Manager and before the Variation is ordered.

40.2 If the work in the Variation corresponds with an item description in the Bill of Quantities and if, in the opinion of Project Manager, the quantity of work above the limit stated in GCC Sub-Clause 38.1 or the timing of its execution do not cause the cost per unit of quantity to change, the rate in the Bill of Quantities shall be used to calculate the value of the Variation. If the cost per unit of quantity changes, or if the nature or timing of the work in the Variation does not correspond with items in the Bill of Quantities, the quotation by the Contractor shall be in the form of new rates for the relevant items of work.

40.3 If the Contractor's quotation is unreasonable, the Project Manager may order the Variation and make a change to the Contract Price, which shall

be based on the Project Manager's own forecast of the effects of the Variation on the Contractor's costs.

40.4 If the Project Manager decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.

40.5 The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.

41. Cash Flow Forecasts

41.1 When the Program is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast. The cash flow forecast shall include different currencies, as defined in the Contract, converted as necessary using the Contract exchange rates.

42. Payment Certificates

42.1 The Contractor shall submit to the Project Manager monthly statements of the value of the work executed, based on the Contractor's records, less the cumulative amount certified previously.

42.2 The Project Manager shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.

42.3 The value of work executed shall be determined by the Project Manager.

42.4 The value of work executed shall comprise the value of the quantities of the items in the Bill of Quantities completed and measurement thereof shall be carried out jointly by the Project Manager, or his Representative, and the Contractor. The Project Manager, or his Representative, shall record the value of the work executed in a measurement book for the purposes of verifying the Contractor's monthly statements. The measurement book shall be signed by the Project Manager or his Representative, and countersigned by the Contractor.

42.5 The value of work executed shall include the valuation of Variations and Compensation Events.

42.6 The Project Manager may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

43. Payments

43.1 Payments shall be adjusted for deductions for advance payments, taxes, retention money and any other dues.. The Employer shall pay the Contractor within 30 working days from the date of receipt of correct and verified bills/invoices in complete form by the Finance Section.. If the bill is incomplete it has to be returned within 7 days after receipt.

43.2 If the Employer makes a late payment, the Contractor shall be paid interest on the late payment in the next payment. Interest shall be calculated from the date by which the payment should have been made up to the date when the late payment is made at the rate of ten percent (10 %) per annum.

43.3 If an amount certified is increased in a later certificate or as a result of an award by the Adjudicator or an Arbitrator, the Contractor shall not be paid interest upon the delayed payment as set out in this clause.

43.4 Unless otherwise stated, all payments and deductions shall be paid or charged in the proportions of currencies comprising the Contract Price.

- 43.5 Items of the Works for which no rate or price has been entered in shall not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.
- 44. Compensation Events for allowing time extension**
- 44.1 The following shall be Compensation Events allowing for time extension:
- (a) The Employer does not give access to a part of the Site by the Site Possession Date pursuant to GCC Sub-Clause 21.1.
 - (b) The Employer modifies the Schedule of Other Contractors in a way that affects the work of the Contractor under the Contract.
 - (c) The Project Manager orders a delay or does not issue Drawings, Specifications or instructions required for execution of the Works on time.
 - (d) The Project Manager instructs the Contractor to uncover or to carry out additional tests upon work, which is then found to have no Defects.
 - (e) The Project Manager unreasonably does not approve a subcontract to be let if provided in SCC.
 - (f) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
 - (g) Other contractors, public authorities, utilities or the Employer do not work within the dates and other constraints stated in the Contract, and they cause delay.
 - (h) Other Compensation Events described in the SCC or determined by the Employer and force majeure. However, force majeure shall not include the following;
 - i. rainfall
 - ii. snowfall
 - iii. strikes in other countries
 - iv. non-availability of labourer and materials such as timbers, boulders, sand, and other materials
 - v. difficulty and risky terrain and remoteness of site
- 44.2 If a Compensation Event would prevent the work being completed before the Intended Completion Date, the Intended Completion Date shall be extended. The Project Manager shall decide whether and by how much the Intended Completion Date shall be extended.
- 44.3 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning.
- 45. Tax**
- 45.1 The prices bid by the contractor shall include all duties, taxes and levies that may be levied in accordance with the laws and regulations in being as of the date 30 days prior to the closing date for submission of bids.

46. Currencies

- 46.1 Where payments are made in currencies other than Ngultrum (NU), the exchange rates used for calculating the amounts to be paid shall be the exchange rates stated in the Contractor's Bid.

47. Price Adjustment

- 47.1 If during the contract, there is an increase or decrease in the cost of materials and labour as reflected by the Material Index Numbers published by the National Statistical Bureau, a corresponding increase or decrease in the payment to the contractor or recoverable from the Contractor shall be effected on the basis of the following formulae, such calculation being done for every successive period of 3 months after the 18th month of the Contract duration:

Adjustment for variation of material prices:

$$V = W \times 0.80 \times 0.75 \times (M - M_0) / M_0$$

where:

V = amount of variation for materials payable to/recoverable from the contractor for the period under review;

W = value of the work done during the period under review minus (amount of secured advance recovered in the same period + value of works executed under variations for which the variations are paid in the new rate);

M₀ = Material Index for the month in which the tender was submitted;

M = the average value of the above Index Number for the 3 months period under review;

Adjustment for variation in labour wages:

$$V = W \times 0.80 \times 0.25 \times (L - L_0) / L_0$$

V = amount of variation for Labour payable to/recoverable from the contractor for the period under review;

W = value of the work done during the period under review minus (amount of secured advance recovered in the same period + value of works executed under variations for which price adjustments will be worked separately based on terms mutually agreed between the Project Engineer and the Contractor);

L₀ = Labour Index for the month in which the tender was submitted;

L = the average value of the above Index Number for the three (3) months period under review;

- 47.2 For the applications of the above formulae, the appropriate Index Numbers published by the National Statistical Bureau shall be adopted.

- 47.2 To the extent that full compensation for any rise or fall in costs to the contractor is not covered by the provisions of this or other clauses in

the contract, the unit rates and prices included in the contract shall be deemed to include amounts to cover the contingency of such other rise or fall in costs.

48. Retention

48.1 The Employer shall retain ten percent (10%) from each payment due to the Contractor the proportion stated in the SCC. **This Security Deposit shall be valid for the Defect Liability Period (6 months) and once the Security Deposit is made, the performance Bank Guarantee/Performance Security can be released.**

48.2 On completion of the whole of the Works, the retention money may be substituted by an unconditional bank guarantee issued by a reputable financial institution acceptable to the Employer. In the case of contracts beyond duration of 12 months, substitution of retention money by such a bank guarantee may be allowed on completion of 50% of the value of the contract and duly certified by the Project Manager. The bank guarantee shall be valid until the issue of a No Defects Liability Certificate by the Employer after the end of the Defects Liability Period and subject to the certification by the Project Manager that all defects notified by the Project Manager to the Contractor have been rectified to his satisfaction before the end of this period. If the Contractor fails to remedy any reported defect within the Defect Liability Period, the Employer shall withhold the payment of realized claims from the bank guarantee of an amount which in the opinion of the Employer represents the cost of the defect to be remedied.

49. Liquidated Damages

49.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the SCC for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the ten percent (10%) of the Initial Contract Price. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages shall not affect the Contractor's liabilities.

50. Advance Payment

50.1 The Employer shall make advance payment to the Contractor of the amount stated in the SCC (mobilization and secured advances) by the date stated in the SCC, against provision by the Contractor of an Unconditional Bank Guarantee in a form and by a bank acceptable to the Employer in amounts and currencies equal to the advance payment. The Guarantee shall remain effective until the advance payment has been repaid, but the amount of the Guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest shall not be charged on the advance payment.

50.2 The secured advances shall be paid to the contractor as specified in SCC on the following conditions:

- a. The materials shall be in accordance with the specifications and shall not be in excess of the requirements;
- b. The materials shall be delivered at the site of the works, properly stored and protected against loss, damage or deterioration;
- c. A declaration shall be given by the contractor passing on the lien on the rights of the materials to the Procuring Agency.
- d. The amount of the secured advance shall not be more than seventy five percent (75%) of the cost of materials delivered at the site of works which shall be supported by the original invoices/bills from the suppliers. All materials imported from other countries shall be supported by Bhutan Sales Tax Receipts or Customs Clearance.

The secured advance shall be recovered from the interim progress payments in the months in which these materials are used in the works.

50.2 The Contractor is to use the advance payment only to pay for, Plant, Materials and mobilization expenses required specifically for execution of the Contract.

50.3 The advance payment shall be repaid by deducting proportionate amounts from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works on a payment basis. All advances shall be recovered when eighty percent (80%) of the contract is executed. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, Bonuses or Liquidated Damages.

51. Securities

51.1 The Performance Security shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount specified in the SCC by a bank or surety acceptable to the Employer, and denominated in the types and proportions of the currencies in which the Contract Price is payable. **The performance security shall be valid for six months after the date of issue of the Taking-over Certificate/completion of work. The cost of complying with the requirements of this clause shall be borne by the contractor.**

51.2 Following the successful completion of the Contract, the Employer shall return the Performance Security to the Contractor within 14 days of receipt of the Certificate of Completion.

51.3 The Employer shall not make a claim under the Performance Security, except for amounts to which the Employer is entitled under the Contract in the event of:

- (a) failure by the Contractor to extend the validity of the Performance Security as described in the preceding paragraph, in which event the Employer may claim the full amount of the Performance Security.
- (b) failure by the Contractor to pay the Employer an amount due, as either agreed by the Contractor or determined under Clause 43 [*payments*] or Clause 62 [*payment upon Termination*], within 42 days after this agreement or determination,
- (c) circumstances which entitle the Employer to terminate the contract under Clause 58 [*Termination*], irrespective of whether notice of termination has been given.

52. Dayworks

52.1 If applicable, the Dayworks rates in the Contractor's Bid shall be used for small additional amounts of work only when the Project Manager has given written instructions in advance for additional work to be paid for in that way.

52.2 All work to be paid for as Dayworks shall be recorded by the Contractor on forms approved by the Project Manager. Each completed form shall be verified and signed by the Project Manager within 2 days of the work being done.

52.3 The Contractor shall be paid for Dayworks subject to obtaining signed Dayworks forms and at the rate quoted for Dayworks.

- 53. Cost of Repairs** 53.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. Completion of the Contract

- 54. Completion** 54.1 The Contractor shall request the Project Manager to issue a Certificate of Completion of the Works, and the Project Manager shall do so upon deciding that the work is completed.
- 55. Taking Over** 55.1 The Employer shall take over the Site and the Works and shall issue the completion Certificate within 7 days of taking over. The completion certificate shall include the following mandatory information:
- i. Name of Contract firm
 - ii. Name of Proprietor
 - iii. CDB Registration No.
 - iv. Trade License No.
 - v. Contract Amount
 - vi. Year of Completion
 - vii. Award order No. with Date.
- 56. Final Account** 56.1 The Contractor shall supply the Project Manager with a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Project Manager shall issue a Defects Liability Certificate and certify any final payment that is due to the Contractor within 30 days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Manager shall issue within 30 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Project Manager shall decide on the amount payable to the Contractor and issue a payment certificate.
- 57. Operating and Maintenance Manuals** 57.1 If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the SCC.
- 57.2 If the Contractor does not supply the Drawings and/or manuals by the dates stated in the SCC, or they do not receive the Project Manager's approval, the Project Manager shall withhold the amount stated in the SCC from payments due to the Contractor.
- 58. Termination** 58.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.
- 58.2 Fundamental breaches of Contract shall include, but shall not be limited to, the following:
- (a) the Contractor stops work for 30 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Project Manager;
 - (b) the Project Manager instructs the Contractor to delay the progress of the Works, and the instruction is not withdrawn within 30 days;
 - (c) the Employer or the Contractor is made bankrupt or goes into liquidation other than for a reconstruction or amalgamation;

- (d) The Contractor fails to employ the personnel proposed in the Bid document pursuant to Qualification Information Paragraph 1.5,
- (e) a payment certified by the Project Manager is not paid by the Employer to the Contractor within 84 days of the date of the Project Manager's certificate;
- (f) the Project Manager gives notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Project Manager;
- (g) the Contractor does not maintain a security, which is required;
- (h) the Contractor subcontracts any or whole of the Works without the approval of the Employer;
- (i) the Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as defined in the SCC; and
- (k) in case of joint venture any or all parties fail to fulfill the contractual obligations.

58.3 When either party to the Contract gives notice of a breach of Contract to the Project Manager for a cause other than those listed under GCC Sub-Clause 58.2 above, the Project Manager shall decide whether the breach is fundamental or not.

58.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

58.5 If the Contract is terminated, the Contractor shall stop work immediately, make the Site safe and secure, and leave the Site as soon as reasonably possible.

59. Corrupt or Fraudulent Practices

59.1 If the Employer determines that the Contractor has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for or in executing the Contract then the Employer may, after giving 14 days notice to the Contractor, terminate the Contractor's employment under the Contract and expel him from the Site, and the provisions of GCC Sub-Clause 59.5 shall apply.

59.2 Should any employee of the Contractor be determined to have engaged in corrupt, fraudulent, collusive, coercive or obstructive practice during the execution of the Works, then that employee shall be removed in accordance with GCC Sub-Clause 10.2

59.3 For the purposes of this Sub-Clause:

- (a) "corrupt practice" is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
- (b) "fraudulent practice" 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;

- (c) “collusive practice” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party;
- (d) “coercive practice” is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;
- (e) “obstructive practice” is
 - (i) deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order materially to impede any 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
 - (ii) acts intended materially to impede the exercise of the inspection and audit rights of the Employer and/or any other relevant RGoB agency provided for under GCC Clause 23.

60. Payment upon Termination

- 60.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Project Manager shall issue a certificate for the value of the work done and Materials ordered less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of work not completed, as indicated in the SCC. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable by the Contractor to the Employer.
- 60.2 If the Contract is terminated for the Employer’s convenience or because of a fundamental breach of Contract by the Employer, the Project Manager shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor’s personnel employed solely on the Works, and the Contractor’s costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.

61. Property

- 61.1 If the contract is terminated by the Employer because of the contractors default, then, the contractor shall not be allowed to remove any materials on the Site, Plant, and Temporary Works until the matter is amicably resolved.

62. Release from Performance

- 62.1 If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Employer or the Contractor, the Project Manager shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which a commitment was made.

Section VI. Special Conditions of Contract

Except where otherwise indicated, all SCC should be filled in by the Employer prior to issuance of the Bidding Documents. Schedules and reports to be provided by the Employer should be annexed.

A. General	
GCC 1.1 (o)	The Employer is [Bhutan Telecom Ltd., Thimphu Bhutan]
GCC 1.1 (r)	The Intended Completion Date for the whole of the Works shall be 90 days from the issue of work order
GCC 1.1 (v)	The Site Engineer is Contact Civil Section.
GCC 1.1 (y)	The Site is located [Refer BOQ]
GCC 1.1 (bb)	The Start Date shall be [As specified in the work order].
GCC 1.1 (ff)	The Works consist of Refer BOQ.
GCC 2.3 (9)	The following documents also form part of the Contract: <i>Schedule of Key Personnel (GCC 10)</i> “Not Applicable”
GCC 3.1	The language of the contract is English The law that applies to the Contract is the law of the Kingdom of Bhutan.
GCC 10.1	Key Personnel: “Not Applicable”
GCC 14.1	The minimum insurance amounts and deductibles shall be: (a) Loss of or damage to the works, plant and materials to be built into the works: As per the Royal Insurance Corporation of Bhutan Limited (RICBL) Norms
GCC 15.1	Queries. None
GCC 21.1	The Site Possession Date(s) shall be: As specified in the work order

GCC 25.3	<p>For Contracts with Bhutanese Contractors</p> <p>Construction Development Board (CDB) or other Independent Agency:</p> <p>GCC Sub-Clause 24.3—All disputes arising in connection with the present Contract shall be for finally resolved by arbitration in accordance with the rules and procedures of the CDB or any other independent agency that has been appropriately mandated at the time of submission of the dispute through its National Arbitration Committee. The arbitration award shall be final on the parties who shall be deemed to have accepted to carry out the resulting award without delay and to have waived their right to any form of appeal insofar as such waiver can validly be made.</p>
B. Time Control	
GCC 27.1	The Contractor shall submit for approval a Program for the Works within 10 days from the date of the Letter of Acceptance.
GCC 27.3	<p>The period between Program updates is 10 days.</p> <p>The amount to be withheld for late submission of an updated Program is 0.1% of the initial contract price.</p>
C. Quality Control	
GCC 35.1	The Defects Liability Period is: 187 days .
D. Cost Control	
GCC 44.1 (I)	Other Compensation Events are: “none”
GCC 47.1	The Contract “is not” subject to price adjustment in accordance with GCC Clause 47.
GCC 48.1	The proportion of payments retained is: 10% of running bill claimed
GCC 49.1	The liquidated damage for the whole of the Works is 0. 1% per day . The maximum amount of liquidated damages for the whole of the Works is 10% of the final Contract Price .
GCC 50.1	The Mobilization Advance Payment shall be ten percent 10% of the Contract Price and shall be paid to the Contractor no later than 30 days after receipt by the Employer of an acceptable Advance Payment Guarantee.
GCC 50.2	The secured advance is 75% of cost of material delivered at site
GCC 51.1	The Performance Security amount is 10%
E. Finishing the Contract	

GCC 57.1	<p>The date by which operating and maintenance manuals are required is <i>Not Applicable</i></p> <p>The date by which “as built” drawings are required is <i>required in case of deviations at site.</i></p>
GCC 57.2	<p>The amount to be withheld for failing to produce “as built” drawings and/or operating and maintenance manuals by the date required in GCC Sub-Clause 57.1, or failing to obtain the Project Manager's approval of them by the said date, is <i>[0.1% of the final contract price]</i>.</p>
GCC 58.2 (i)	<p>The Total amount of liquidated damages shall not exceed 10% of the Contract Value.</p>

Notes:

1. All the works should strictly follow the “Specifications for Buildings & Road Works-2009” of SQCA, MoWHS.
2. All Timbers used should be well seasoned and checked against the moisture content to meet the standards of SQCA, MoWHS.

Section VII Specifications and Performance Requirements

Notes on Specifications and Performance Requirements

A set of precise and clear Specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Employer without qualifying or conditioning their Bids. In the context of international competitive bidding, the Specifications must be drafted to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials and performance of the Works to be procured. Only if this is done will the objectives of economy, efficiency and fairness in procurement be realized, responsiveness of Bids be ensured, and the subsequent task of Bid evaluation facilitated. The

Specifications should require that all goods and materials to be incorporated in the Works be new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the Contract.

Samples of Specifications from previous similar projects are useful in this respect. Most specifications are normally written specially by the Employer or Project Manager to suit the Contract Works in hand. There is no standard set of Specifications for universal application in all sectors but there are established principles and practices, which are reflected in these documents. There are considerable advantages in standardizing General Specifications for repetitive Works in recognized public sectors such as highways, ports, railways, urban housing, irrigation and water supply, especially in the same region where similar conditions prevail. The General Specifications should cover all classes of workmanship, materials and equipment commonly involved in construction, although not necessarily to be used in a particular Works Contract. Deletions or addenda should then adapt the General Specifications to the particular Works.

Care must be taken in drafting Specifications to ensure that they are not restrictive. In the specification of standards for goods, materials and workmanship recognized international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the Specifications should state that goods, materials and workmanship that meet other authoritative standards, and which ensure substantially equal or higher quality than the standards mentioned, will also be acceptable. To this effect, the following clause may be inserted in the Special Conditions or Specifications.

“Equivalency of Standards and Codes

Wherever reference is made in the Contract to specific standards and codes to be met by the goods and materials to be furnished, and work performed or tested, the provisions of the latest current edition or revision of the relevant standards and codes in effect shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or regional, other authoritative standards that ensure a substantially equal or higher quality than the standards and codes specified will be accepted subject to the Project Manager's prior review and written consent. Differences between the standards specified and the proposed alternative standards shall be fully described in writing by the Contractor and submitted to the Project Manager at least 30 days prior to the date when the Contractor desires the Project Manager's consent. In the event the Project Manager determines that such proposed deviations do not ensure substantially equal or higher quality, the Contractor shall comply with the standards specified in the documents.”

Section VIII. Form of Bid

Contractor's Bid

Notes on Form of Contractor's Bid

The Bidder shall fill in and submit this Bid form with the Bid (Compulsory)

Name of Work: ***“Construction Tower and Shelter Foundation at Nimtola, Kulagang and Nelipokhri, Dagapela”***

To: Regional Director,

***Bhutan Telecom Ltd.
Gelephu Bhutan***

Having examined all the Bidding Documents (with reference ITB 8), including addenda *[insert list]*, we offer to execute and complete such works in accordance with the Conditions of Contract accompanying this Bid for the Contract Price of *Nu.....*
[Ngultrum.....]

This Bid and your written acceptance of it shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Bid you receive.

We hereby confirm that this Bid complies with the Bid validity and Bid Security required by the Bidding Documents and specified in the Bidding Data Sheet.

We, including any subcontractors or suppliers for any part of the Contract, have nationalities from eligible countries in accordance with ITB Sub-Clause 3.1;

We have no conflict of interest in accordance with ITB Sub-Clause 3.2;

Our firm, its affiliates or subsidiaries—including any subcontractors or suppliers for any part of the Contract—has not been declared ineligible under the laws or official regulations of Bhutan, in accordance with ITB Sub-Clause 3.3.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____
(if none, state “none”).		

In case if I withdraw my bid after opening for whatsoever reasons, *I agree to the* forfeiture of the EMD/Bid Security and also I shall be bound to pay the cost difference (positive) between my bid with that of the next lowest evaluated bidder and failure on my part to do so within a month, will authorize the client to debar my firm for a period of 2 years.

Our duly executed Integrity Pact Statement is attached herewith as Appendix A.

Authorized Signature: _____

(Affix Legal Stamp)

Name and Title of Signatory: _____

Name of Bidder: _____

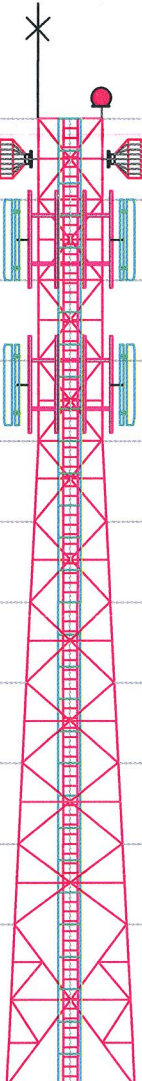
Address: _____

Contact no (mandatory): _____

Section IX. Drawings

Please refer next page.

LEVEL	FACE WIDTH
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25000	22500
20000	17500
15000	12500
10000	7500
5000	0000



Working Platform

Working Platform

Rest Platform

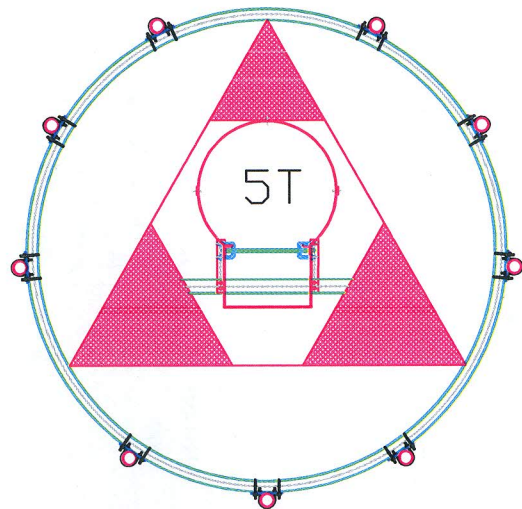
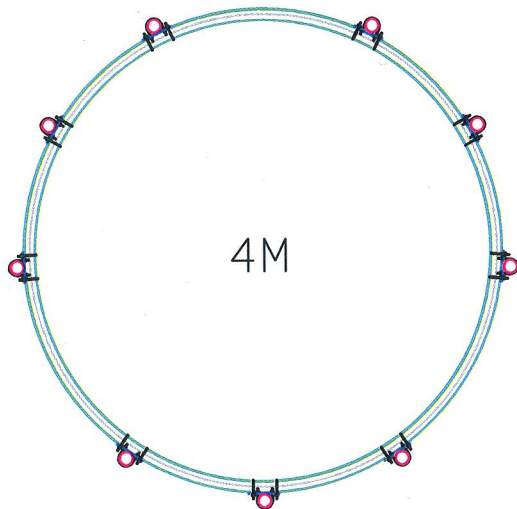
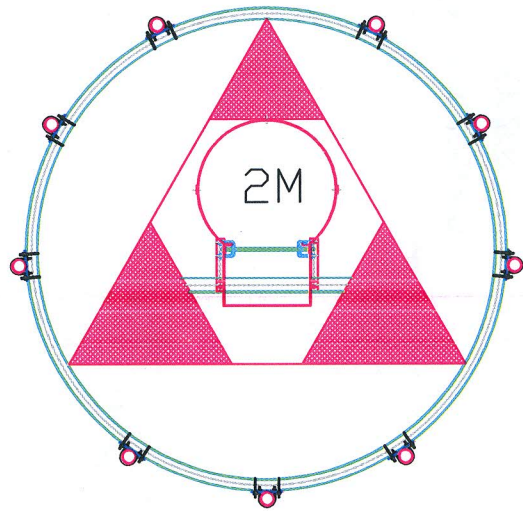
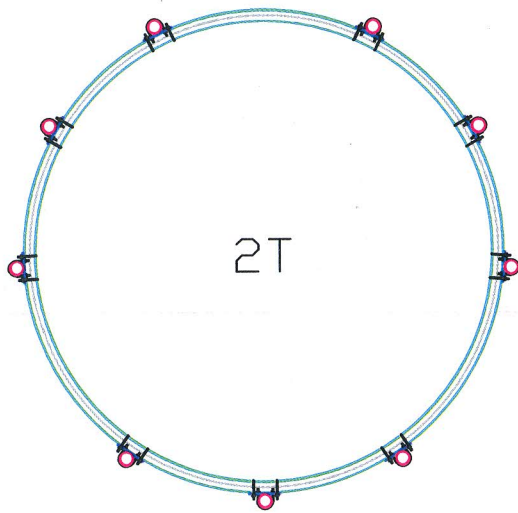
30 Mtr

LEG JOINT NAME	LEG LENGTH	LEGS SIZE
A	2500	65x65x6
B	2500	75X75X6
C	2500	90x90x8
D	2503	100x100x8
E	2503	120x120x10
F	2503	130x130x10
G	5006	

PANEL NO	LENGTH(METER)	DIAGONALS	PANEL TOP- HORIZONTALS	PANEL MID- HORIZONTALS	PLAN BRACING	SEC. BRACING
1	2.5	45x45x5	50x50x4	45x45x04	50x50x4	
2	2.5	45x45x5	50x50x4	45x45x04	50x50x4	
3	2.5	45x45x5	50x50x4	45x45x04	50x50x4	
4	2.5	45x45x5	50x50x4	45x45x04	50x50x4	
5	2.5	45x45x5	50x50x4	45x45x04	50x50x4	
6	2.5	45x45x5	50x50x4	45x45x04	50x50x4	
7	2.5	45x45x5	50x50x4	45x45x04	50x50x4	
8	2.5	45x45x5	50x50x4	45x45x04	50x50x4	
9	2.5	45x45x5	50x50x4	45x45x04	50x50x4	
10	2.5	45x45x5	50x50x4	45x45x04	50x50x4	
11	5	65x65x5	50x50x4	50x50x4	50x50x4	45x45x4

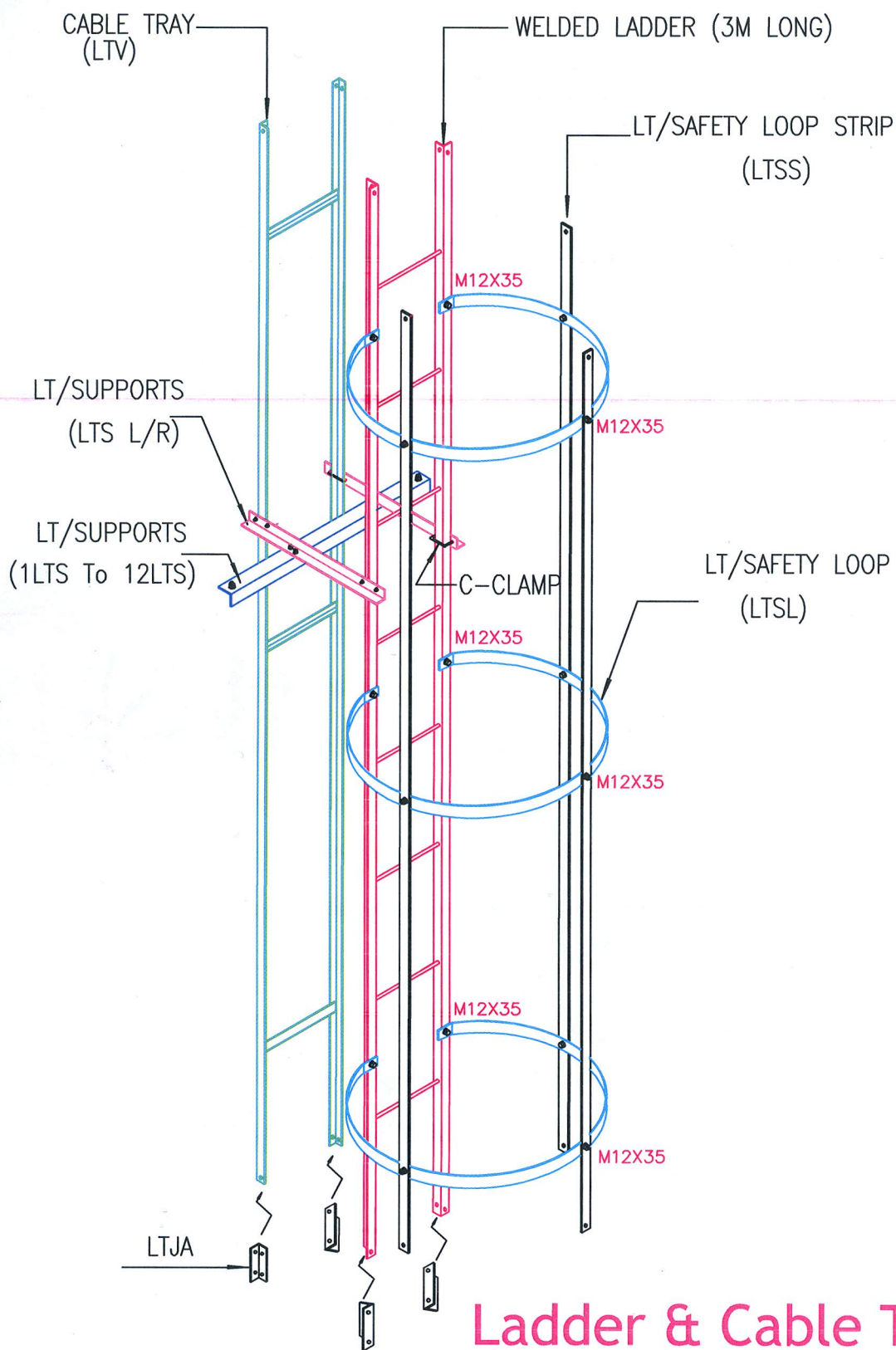
PLAN VIEWS

- 1) Remote Radio Head— 9nos
(Total Weight 153kgs.)
- 2) Sectoral Antennas — 9nos
(Total Weight 315kgs.)
- 3) Microwave Antennas (0.6m)—2nos
(Total Weight 40kgs.)
- 4) Microwave Antennas (1.2m)—2nos
(Total Weight 60kgs.)



PLAN VIEW

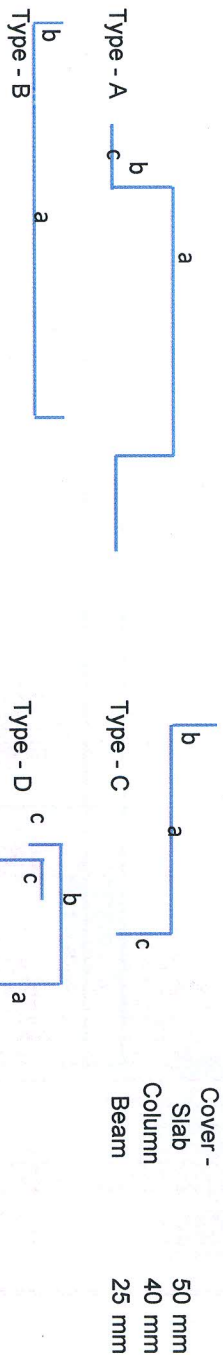
1)Remote Radio Head- 9nos (Total Weight 153kgs.) 2)Sectoral Antennas - 9nos (Total Weight 315kgs.) 3)Microwave Antennas (0.6m)-2nos (Total Weight 40kgs.) 4)Microwave Antennas (1.2m)-2nos (Total Weight 60kgs.)	TITLE	30 METER TOWER	Wind Speed	180 KMPH	Design	TIA/EIA-222 G
	SUB. TITLE	TRIANGULAR ANGULAR TOWER	Deflection	< 1.0 Degree	Rev.	1
	Drawing No.	AGD-319	Loading	568 kgs.	Drawn Date	11-01-2021
	ICON POWER SOLUTIONS PVT. LTD. GURGAON			Tower Weight 5000 kgs.		



Ladder & Cable Tray

1) Remote Radio Head- 9nos (Total Weight 153kgs.) 2) Sectoral Antennas - 9nos (Total Weight 315kgs.) 3) Microwave Antennas (0.6m)-2nos (Total Weight 40kgs.) 4) Microwave Antennas (1.2m)-2nos (Total Weight 60kgs.)	TITLE	30 METER TOWER	Wind Speed	180 KMPH	Design	TIA/EIA-222 G
	SUB. TITLE	TRIANGULAR ANGULAR TOWER	Deflection	< 1.0 Degree	Rev.	1
	Drawing No.	AGD-319	Loading	568 kgs.	Drawn Date	11-01-2021
	ICON POWER SOLUTIONS PVT. LTD. GURGAON			Tower Weight 5000 kgs.		

Bar Bending Schedule of 30m high 3legged tower



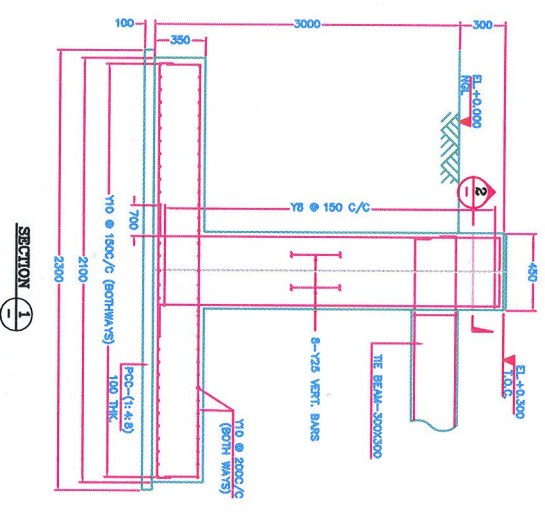
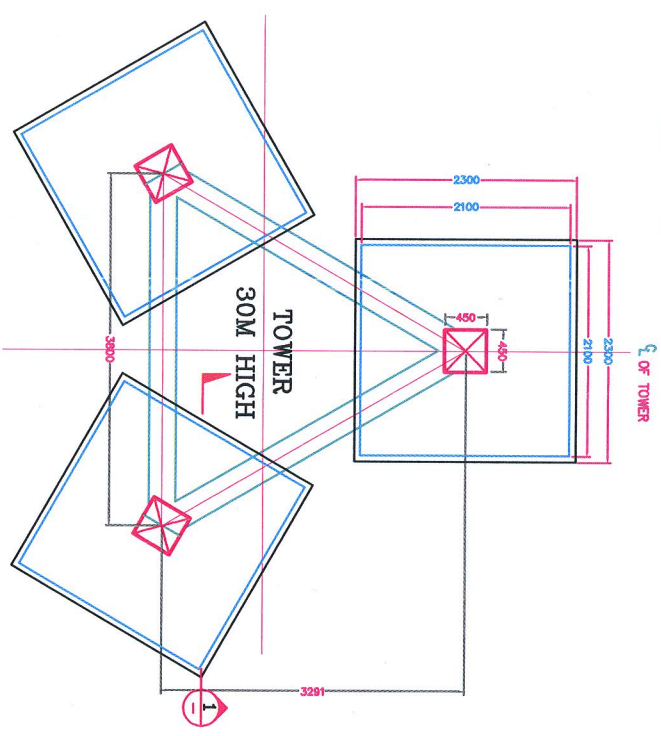
Item	Position	Type	Dia. Of Rebar (mm)	Size	Size	Size	Length (mm)	Qty in Nos both ways or total	Unit wt (kg/m)	Total Weight of (kg)
				a	b	c				
Raft Slab	Top	B	B10	2250	150	-	2550	84	0.62	132
	Bottom	B	B10	2250	150	-	2550	108	0.62	170
Tie Beams	Top	B	B16	4150	300	-	4750	6	1.58	45
	Bottom	B	B16	4150	300	-	4750	6	1.58	45
	Strips	D	B8	250	250	80	1160	75	0.40	34
	Main	C	B20	3200	330	750	4280	24	2.47	254
Column	Ties	D	B8	342	342	80	1528	69	0.40	42
		D	B8	242	242	80	1128	69	0.40	31
							Total (5% extra considered)			800

* Chairs Shall be Provided whenever required

Notes :

1. Dimensions of Bars are along the Center Lines.
3. Splicing of Bars should not be more than 50%. Length of splice as per Standards.

Description & Values of Symbols			
Cement Concrete Sizes			
Symbol	Description	Value	Units
th_pcc	Thickness of PCC	100	mm
s_pcc	Side of PCC below the slab	2550	mm
d_excavation	Depth of Excavation	3200	mm
d_foundation	Depth of Foundation below ground level	3100	mm
s_slab	Side/Dia of slab	2350	mm
th_slab	Thickness of Slab	350	mm
d_column_bg	Depth of Column below ground level(d_foundation_bg)	2650	mm
cc_columns	Center to Center distance of Tower Leg Columns	3800	mm
cc_tower	Tower Base Width, Centre to centre of tower legs	3800	mm
h_foundation	Height of Foundation above Ground Level	300	mm
w_p.beam	Width of Primary Beam	2	mm
d_p.beam	Depth of Primary Beam	16	mm
s_Column	Side of (square)Column, for tower, width or depth	450	mm
d_column_slab	Distance from end of Slab to center of Column	1175	mm
Calculated Values			
Toatl Volume of PCC		2.3	cu.m
Total Volume of RCC		8.5	cu.m
Total PCC + RCC		10.8	cu.m
Excavation, assuming vertical digging		61.1	cu.m



NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. USE M20 GRADE CONCRETE AND F8 415 GRADE FOR STEEL.
3. CLEAN COVER TO MAIN REINFORCEMENT --
 - (a) 50MM FOR FOUNDATION
 - (b) 25MM FOR BEAMS
 - (c) 40MM FOR COLUMNS
 - (d) 50MM AT ENDS
4. PRIOR TO AND DURING CONCRETING ALL BOLTS SHALL BE SECURELY HELD IN POSITION BY USE OF TIEPLATE.
5. BEFORE COMMENCEMENT OF CONSTRUCTION USING THIS DESIGN, CLIENT/CONTRACTOR SHALL OBTAIN DETAILED SOIL INVESTIGATION OF EVERY SITE.
6. NO PERSON SHALL WORK SHALL NOT BE USED IN CASE HINGELY JOINTS ARE FORMED AT ANY DEPTH FOR SOIL INVESTIGATION.
7. CONCRETE SHALL BE MECHANICALLY MIXED & TRANSPORTATION.
8. SPACING OF BARS SHALL NOT BE MORE THAN 50% AT ANY LOCATION.
9. PROPER CURING OF CONCRETE SHALL BE DONE.
10. BENDING OF BARS SHALL BE AS PER IS:2502.
11. ANY DISCREPANCY SHOULD BE BROUGHT TO THE CONSULTANT'S ATTENTION.

GENERAL DETAILS

Sl.No	DESCRIPTION	DETAILS
1	SOIL BEARING CAPACITY	10.00 T/5CM
2	DRY DENSITY OF SOIL	1.75 T/5CM
3	ANGLE OF REPOSE	25.00 DEGREE

BILL OF MATERIALS

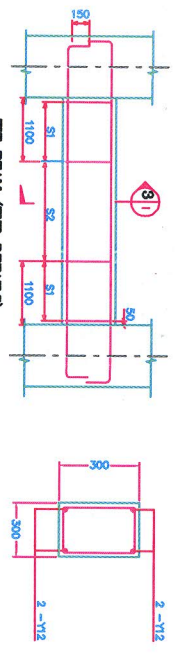
ITEM	UNIT	TOTAL
EXCAVATION	CUM	55.6
POC-(1+4.8)	CUM	2.1
ROC-420	CUM	7.5
STEEL-F415	KG	800
CHAINS SHALL BE PROVIDED WHEREVER REQUIRED		

BAR BENDING SCHEDULE

TYPE A		
a	c	
TYPE B		
a	b	
a		

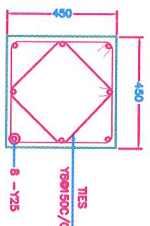
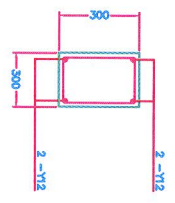


FOUNDATION KEY PLAN



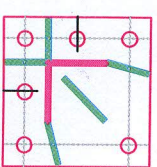
STRUT DETAIL
S1-2 LEADED 18 @ 100 C/C
S2-2 LEADED 18 @ 200 C/C

SECTION 3

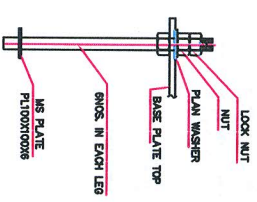


SECTION 2

COLUMN 450X450



BASE PLATE



ANCHOR BOLT

NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. USE M20 GRADE CONCRETE AND Fe 415 GRADE FOR STEEL.
3. CLEAR COVER TO MAIN REINFORCEMENT:-
(a) 25MM FOR BEAMS
(b) 50MM FOR COLUMNS
(c) 50MM AT ENDS
4. PRIOR TO AND DURING CONCRETE ALL BOLTS SHALL BE SECURELY WELDED TO THE REINFORCEMENT.
5. BEFORE COMMENCEMENT OF CONSTRUCTION USING THIS DESIGN, CLIENT/CONTRACTOR SHALL CARRY OUT DETAILED SOIL INVESTIGATION OF EVERY SITE.
6. THIS FOUNDATION DESIGN SHALL NOT BE USED IN CASE HEAVY SOIL ARE FOUND AT ANY DEPTH DURING SOIL INVESTIGATION.
7. CONCRETE SHALL BE MECHANICALLY MIXED & VIBRATED.
8. PLACING OF BARS SHALL NOT BE MORE THAN 50% AT ANY LOCATION.
9. PROPER CURING OF CONCRETE SHALL BE DONE.
10. REMOVAL OF BARS SHALL BE AS PER IS 2502.
11. ANY DISCREPANCY SHOULD BE BROUGHT TO THE CONSULTANTS ATTENTION.

REVISION NOTES

REV. NO.	DESCRIPTION	DATE	SIGN.
DRAWN	CHECKED	APPROVED	SCALE
SK.Chakrabarti	MOHIT GUPTA	11-01-2021	1/15

BHUTAN TELECOM LTD.

ICON POWER SOLUTIONS PVT. LTD.

THIMPU, BHUTAN

PROJECT: GENERIC ISOLATED FOUNDATION DESIGN

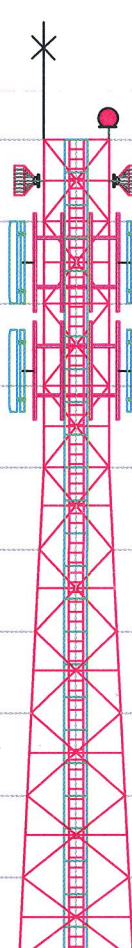
TITLE: FOUNDATION DETAILS FOR 30M HIGH TRIANGULAR TOWER

DATE: 10/1/2021


DRAWING No. AGD-319

SH. NO. REV.

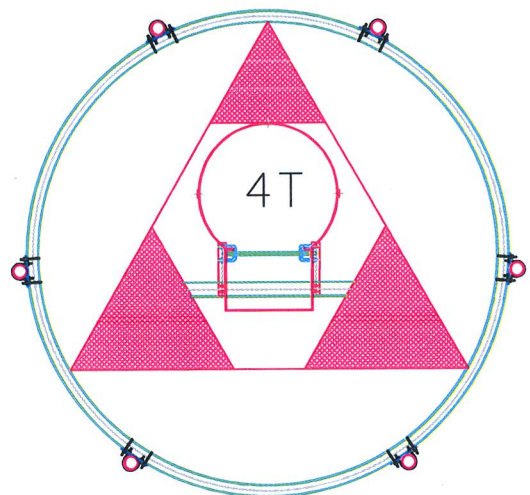
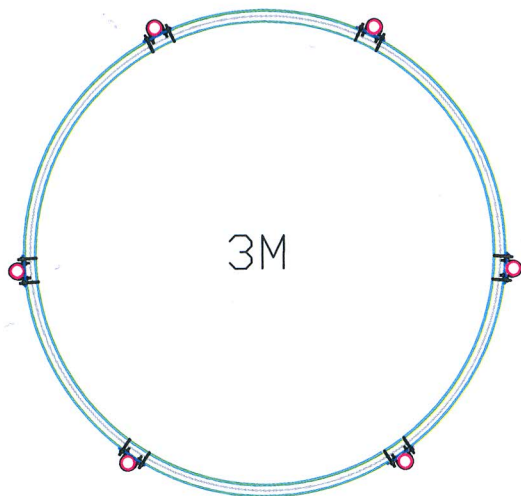
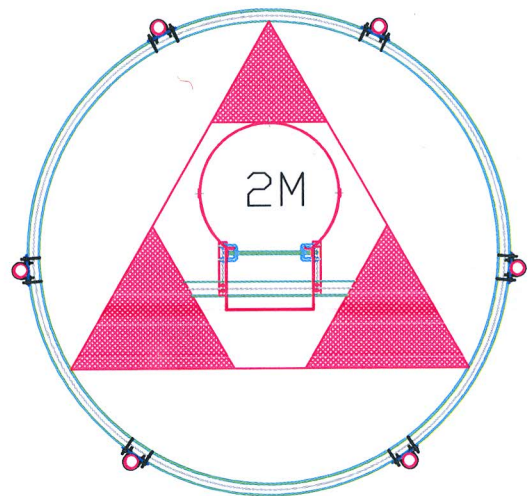
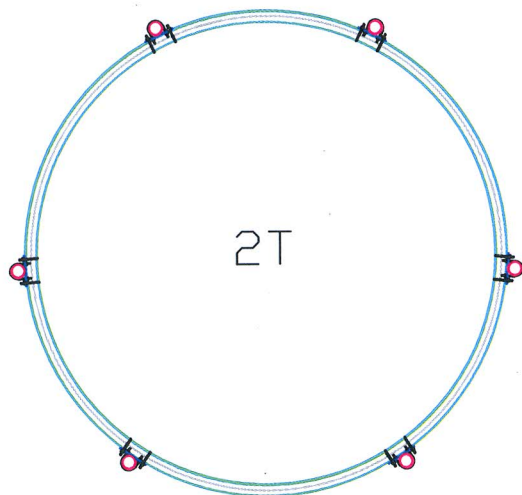
LEVEL	25000	22500	20000	17500	15000	12500	10000	7500	5000	2500	0000
FACE WIDTH	2000	2000	2000	2000	2000	2250	2500	2750	3000	3250	3500
PLATFORM			Working Platform	Working Platform		Rest Platform					
LEG JOINT NAME	A	B	C	D	E	F					
LEG LENGTH	2500	2500	2500	2500	2503	2503	2503	2503	2503	2503	2503
LEGS SIZE	65x65x5	75x75x5	90x90x8	100x100x8	110x110x10						
PANEL NO	1	2	3	4	5	6	7	8	9	10	
LENGTH(METER)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	
DIAGONALS	45x45x5	45x45x5	50x50x4	50x50x4	50x50x5	50x50x5	60x60x5				
PANEL TOP- HORIZONTALS	50x50x4	50x50x4									
PANEL MID- HORIZONTALS	45x45x04	45x45x04									
PLAN BRACING	50x50x4	50x50x4									
SEC. BRACING											



PLAN VIEWS



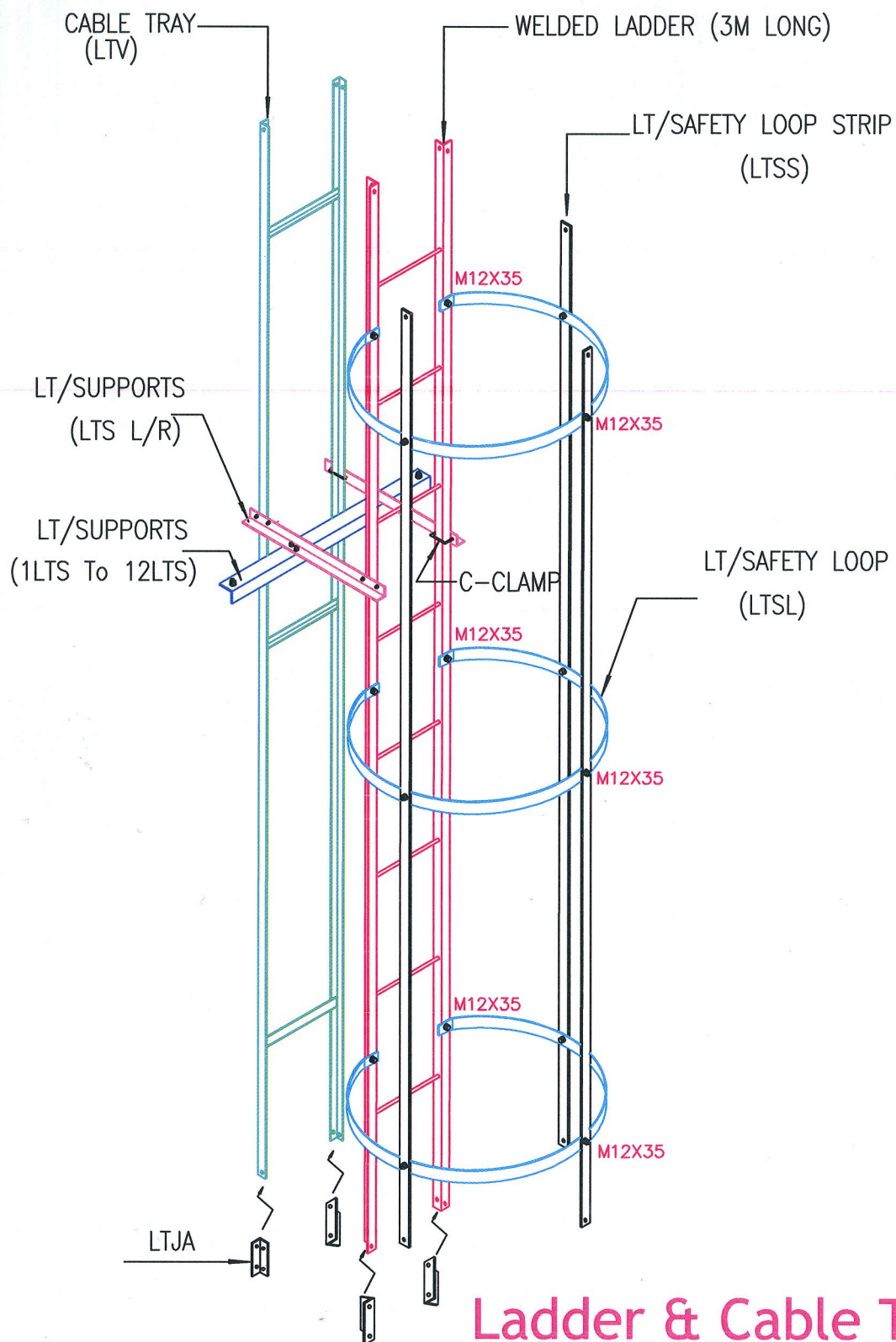
1)Remote Radio Head- 6nos (Total Weight 102kgs.) 2)Sectoral Antennas - 6nos (Total Weight 210kgs.) 3)Microwave Antennas (0.9m)-2nos (Total Weight 50kgs.)	TITLE	25 METER TOWER	Wind Speed	180 KMPH	Design	TIA/EIA-222 G
	SUB. TITLE	TRIANGULAR ANGULAR TOWER	Deflection	< 1.0 Degree	Rev:	1
	Drawing No.	AGD-319A	Loading	362 kgs.	Drawn Date	11-01-2021
	ICON POWER SOLUTIONS PVT. LTD. GURGAON			Tower Weight 3750 kgs.		



PLAN VIEW

- 1) Remote Radio Head— 6nos
(Total Weight 102kgs.)
- 2) Sectoral Antennas — 6nos
(Total Weight 210kgs.)
- 3) Microwave Antennas (0.9m)—2nos
(Total Weight 50kgs.)

TITLE	25 METER TOWER	Wind Speed	180 KMPH	Design	TIA/EIA-222 G
SUB. TITLE	TRIANGULAR ANGULAR TOWER	Deflection	< 1.0 Degree	Rev:	1
Drawing No.	AGD-319A	Loading	362 kgs.	Drawn Date	11-01-2021
ICON POWER SOLUTIONS PVT. LTD. GURGAON			Tower Weight 3750 kgs.		

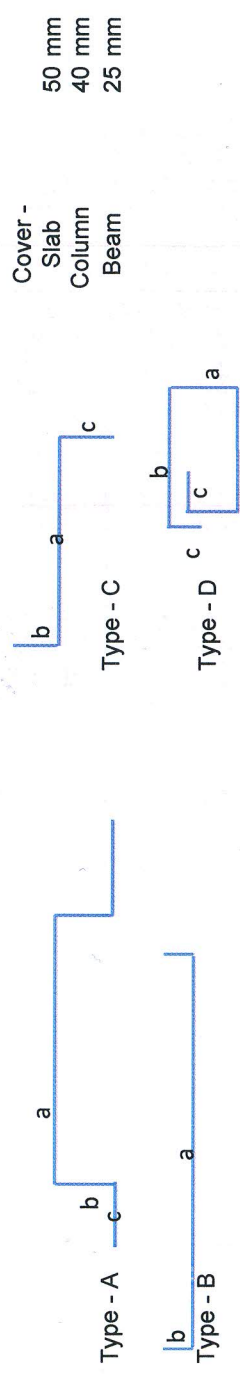


Ladder & Cable Tray

- 1) Remote Radio Head— 6nos
(Total Weight 102kgs.)
- 2) Sectoral Antennas — 6nos
(Total Weight 210kgs.)
- 3) Microwave Antennas (0.9m)—2nos
(Total Weight 50kgs.)

TITLE	25 METER TOWER	Wind Speed	180 KMPH	Design	TIA/EIA-222 G
SUB. TITLE	TRIANGULAR ANGULAR TOWER	Deflection	< 1.0 Degree	Rev.	1
Drawing No.	AGD-319A	Loading	362 kgs.	Drawn Date	11-01-2021
ICON POWER SOLUTIONS PVT. LTD. GURGAON			Tower Weight 3750 kgs.		

Bar Bending Schedule of 25m high 3legged tower



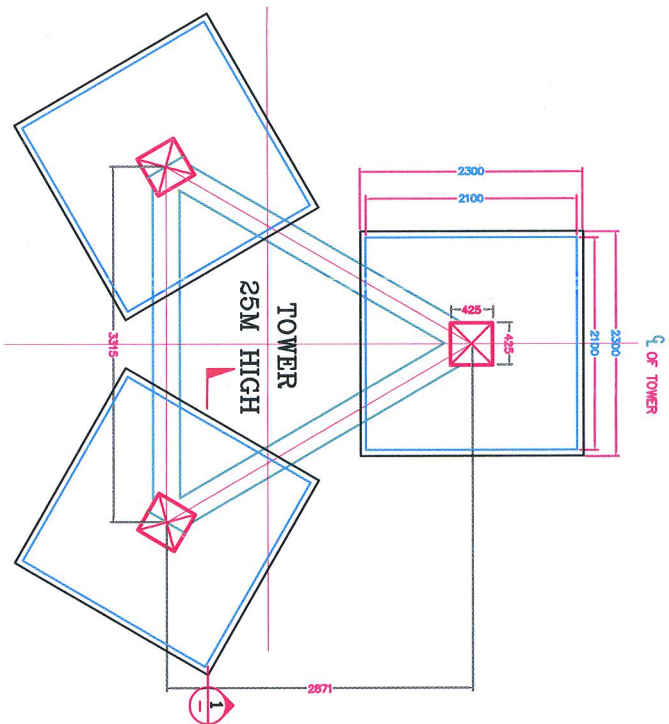
Item	Position	Type	Dia. Of Rebar (mm)	Size		Size (mm)	Length (mm)	Qty in Nos both ways or total	Unit wt (kg/m)	Total Weight of (kg)
				a (mm)	b (mm)					
Raft Slab	Top	B	B10	2000	150	-	2300	66	0.62	94
	Bottom	B	B10	2000	150	-	2300	78	0.62	111
Tie Beams	Top	B	B16	3640	300	-	4240	6	1.58	40
	Bottom	B	B16	3640	300	-	4240	6	1.58	40
	Strips	D	B8	250	250	80	1160	63	0.40	29
Column	Main	C	B20	3200	305	800	4305	24	2.47	255
	Ties	D	B8	317	317	80	1428	69	0.40	39
		D	B8	224	224	80	1057	69	0.40	29
							Total (5% extra considered)			700

* Chairs Shall be Provided whenever required

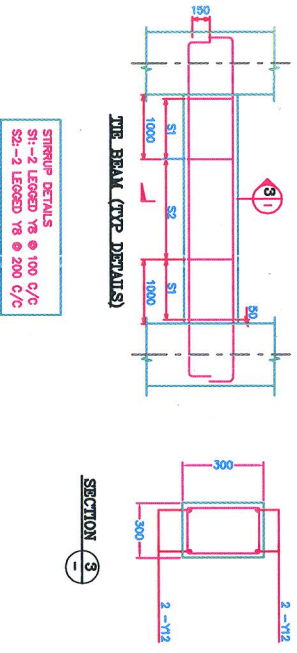
Notes :

1. Dimensions of Bars are along the Center Lines.
3. Splicing of Bars should not be more than 50%. Length of splice as per Standards.

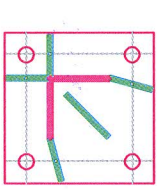
Description & Values of Symbols			
Cement Concrete Sizes			
Symbol	Description	Value	Units
th_pcc	Thickness of PCC	100	mm
s_pcc	Side of PCC below the slab	2300	mm
d_excavation	Depth of Excavation	3200	mm
d_foundation	Depth of Foundation below ground level	3100	mm
s_slab	Side/Dia of slab	2100	mm
th_slab	Thickness of Slab	300	mm
d_column_bgl	Depth of Column below ground level(d_foundation_bgl)	2700	mm
cc_columns	Center to Center distance of Tower Leg Columns	3315	mm
cc_tower	Tower Base Width, Centre to centre of tower legs	3315	mm
h_foundation	Height of Foundation above Ground Level	300	mm
w_p.beam	Width of Primary Beam	2	mm
d_p.beam	Depth of Primary Beam	16	mm
s_Column	Side of (square)Column, for tower, width or depth	425	mm
d_column_slab	Distance from end of Slab to center of Column	1050	mm
Calculated Values			
Toatl Volume of PCC		1.9	cu.m
Total Volume of RCC		6.4	cu.m
Total PCC + RCC		8.3	cu.m
Excavation, assuming vertical digging		49.7	cu.m



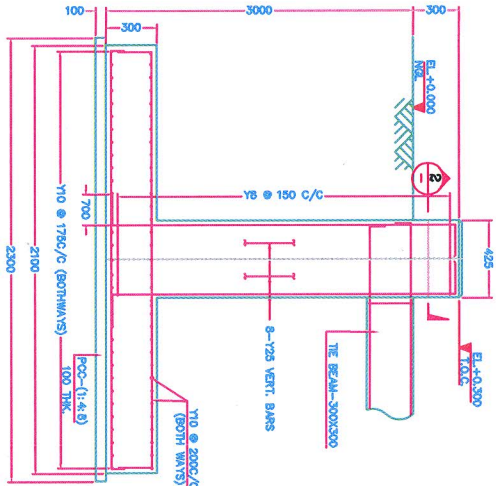
FOUNDATION KEY PLAN



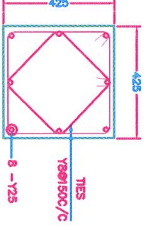
SECTION 1-1



SECTION 2-2

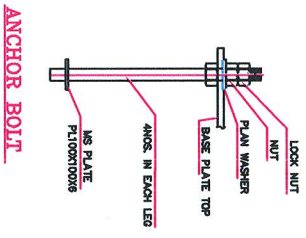


SECTION 1-1



SECTION 2-2

BASE PLATE



ANCHOR BOLT

NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
2. USE M20 GRADE CONCRETE AND Fy 415 GRADE FOR STEEL.
3. CLEAR COVER TO MAIN REINFORCEMENT:-
 - (a) 50MM FOR FOUNDATION
 - (b) 25MM FOR BEAMS
 - (c) 40MM FOR COLUMNS
 - (d) 50MM AT ENDS
4. PRIOR TO AND DURING CONSTRUCTION ALL BOLTS SHALL BE SECURELY HELD IN POSITION BY USE OF TIGHTENING.
5. BEFORE COMMENCEMENT OF CONSTRUCTION USING THIS DESIGN, CLIENT/CONTRACTOR SHALL CARRY OUT DETAILED SOIL INVESTIGATION OF EVERY SITE.
6. THIS FOUNDATION DESIGN SHALL NOT BE USED IN CASE HEAVY SOIL ARE FOUND AT ANY DEPTH DURING SOIL INVESTIGATION.
7. CONCRETE SHALL BE CASTED IN LAYERS NOT EXCEEDING 150MM.
8. SURFACE OF BARS SHALL NOT BE MORE THAN 100 AT ANY LOCATION.
9. PROPER CURING OF CONCRETE SHALL BE DONE.
10. BENDING OF BARS SHALL BE AS PER IS:2002.
11. ANY DISCREPANCY SHOULD BE BROUGHT TO THE CONSULTANT'S ATTENTION.

GENERAL DETAILS

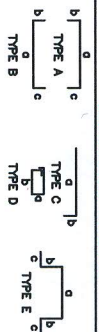
S.No	DESCRIPTION	DETAILS
1	SOIL BEARING CAPACITY	10.00 T/ SQM
2	DRY DENSITY OF SOIL	1.75 T/ SQM
3	ANGLE OF REPOSE	25.00 DEGREE

BILL OF MATERIALS

ITEM	UNIT	TOTAL
EXCAVATION	CUM	50.7
RCO-(1:4:8)	CUM	1.8
RCO-M20	CUM	6.56
STEEL-FY415	KG	700

CHAINS SHALL BE PROVIDED WHEREVER REQUIRED

BAR BENDING SCHEDULE



REVISION NOTES

REV. NO.	DESCRIPTION	DATE	SIGN.
DRAWN	CHECKED	APPROVED	DATE
11-01-2021	11-01-2021	11-01-2021	11-01-2021

BHUTAN TELECOM LTD.

BHUTAN

ICON POWER SOLUTIONS PVT. LTD.

THIMPU, BHUTAN

PROJECT: GENERIC ISOLATED FOUNDATION DESIGN

CLIENT: BHUTAN TELECOM LTD.

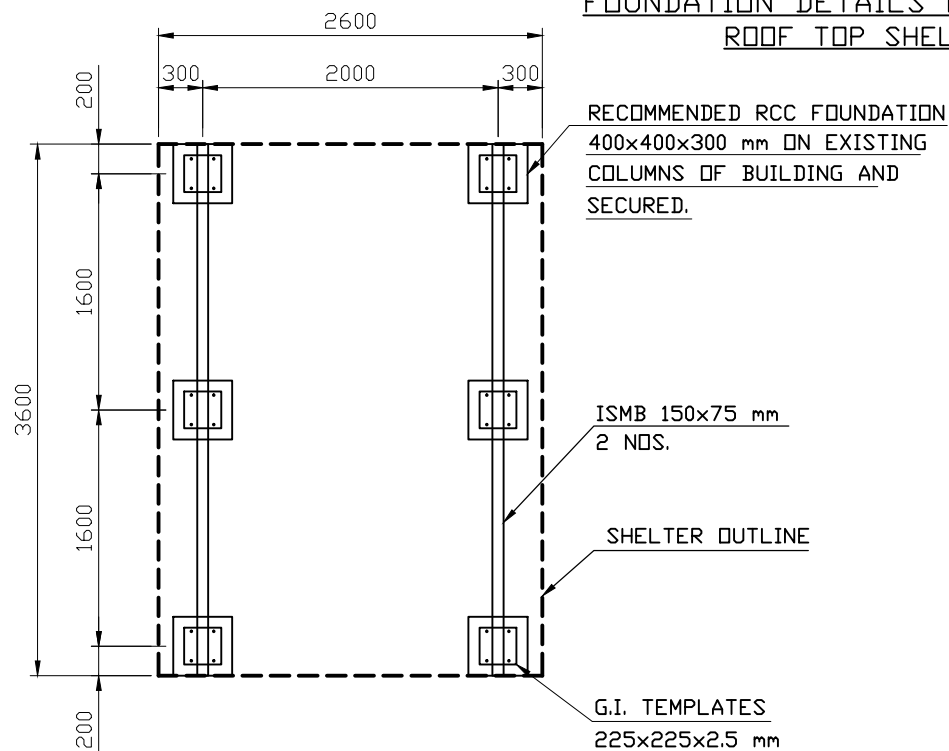
TITLE: FOUNDATION DETAILS FOR 25M HIGH TRIANGULAR TOWER

SCALE: 10 T/ SQM

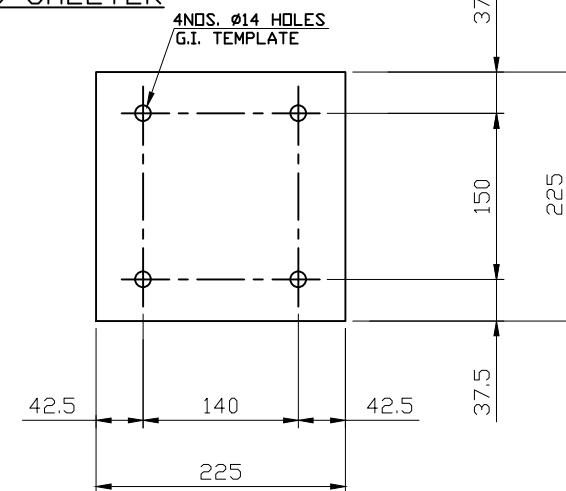
DRAWING No. AGD-319A

SH. NO. REV.

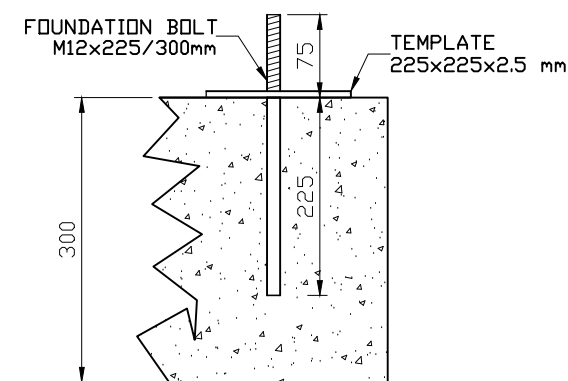
FOUNDATION DETAILS FOR PREFAB SHELTER ROOF TOP SHELTER



SUGGESTED LAYOUT BY CUSTOMER



TEMPLATE 225x225x2.5 mm

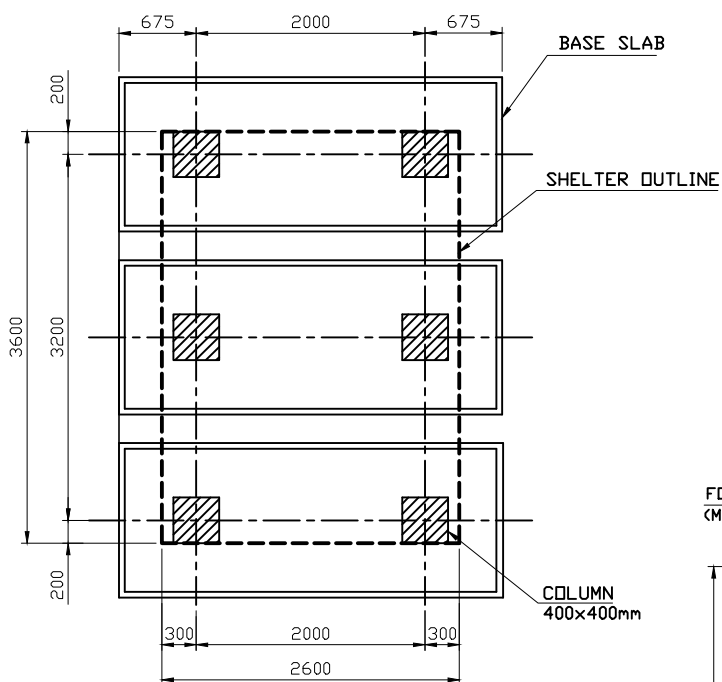


FOUNDATION BOLT
INSERTED IN R.C.C. COLUMN

ZEP INFRATECH LIMITED			
PROJECT:	ICON POWER	DRAWN BY:	Shiv kr.
		CHECKED BY:	SASWAL
TITLE:	FOUNDATION DWG (SIZE: 3.6x2.6x2.5 M)	APPROVED BY:	R. Chauhan
		CUSTOMER'S APPR:	
DRG. NO.:	ZTS ICD 1 6727	FILE NAME:	//B/DWG/MKT. DRG/PRA/FOUNDATION 3.6x2.6x2.5 M
REV:	00	SHEET	'1 OF 2
		SCALE	N.T.S.

CAUTION - THIS DRAWING IS PROPERTY OF ZEP INFRATECH LIMITED. ANY REPRODUCTION OF THIS IN PART OR FULL WITHOUT WRITTEN AUTHORIZATION BY ZEP INFRATECH LIMITED WOULD BE LIABLE FOR APPROPRIATE LEGAL ACTION.

FOUNDATION DETAILS FOR PREFAB SHELTER GROUND BASED SHELTER

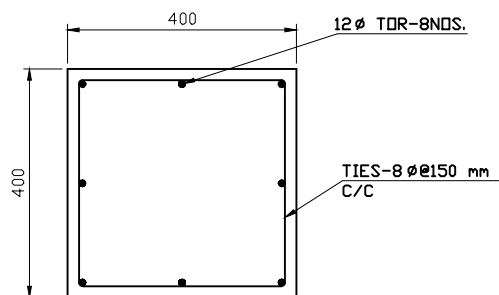


LAYOUT PLAN

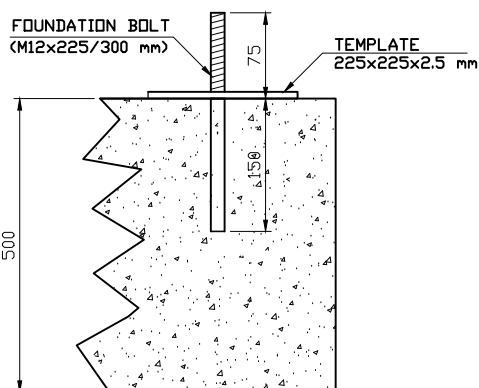
NOTES :-

1. PCC SHALL BE OF GRADE M10.
2. CONCRETE MIX SHALL BE OF GRADE M20 (1:1.5:3)
3. REINFORCEMENT SHALL BE TOR BARS OF GRADE FE415

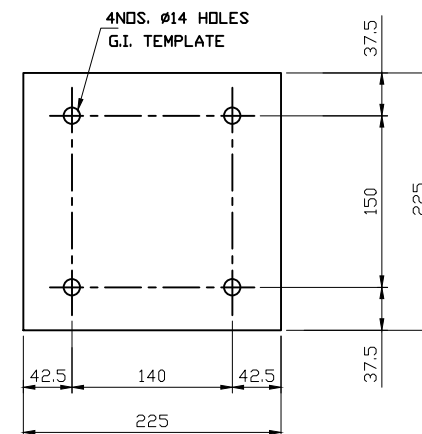
SUGGESTED LAYOUT BY CUSTOMER



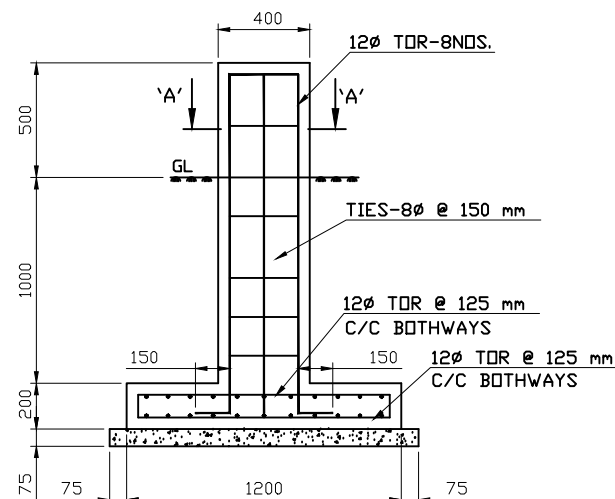
SECTION 'A-A'
COLUMN 400x400



FOUNDATION BOLT
INSERTED IN R.C.C. COLUMN



TEMPLATE 225x225x2.5 mm



CROSS SECTION
(SCALE 2:1)

ZEP INFRATECH LIMITED			
PROJECT: ICON POWER	DRAWN BY: Shiv kr.	SIG & DATE: 19/02/21	
	CHECKED BY: S.ASVAL		
TITLE 'FOUNDATION DWG (SIZE: 3.6x2.6x2.5 M)	APPROVED BY: R. Chauhan		
	CUSTOMER'S APPR:		
DRG. NO. ' ZTS ICD 1 6727	FILE NAME: //B/DWG/MKT. DWG/PRGNTL/FOUNDATION 3.6x2.6x2.5 M		
REV ' 00	SHEET ' 2 OF 2	SCALE ' N.T.S.	

GENERAL TOLERANCE	
1	DIM OF INSULATION BOX : +5.0 mm (Width) & +10.0 mm (Length)
2	SHEET THICKNESS : ±0.05 mm
3	PUP DENSITY : 40kg/m ² ± 1.0 Kg / m ²
4	PANEL WIDTH : PANEL WIDTH CAN BE CHANGED AT THE TIME OF PRODUCTION AS PER AVAILABILITY OF COIL WITHOUT APPROVAL

REV. NO.	DATE	DESCRIPTION

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Section X. Bill of Quantities

Please refer next page.

Section XI. Security Forms

Form of Bid Security (Bank Guarantee)

*[The **Bank/Bidder** shall fill in this Bank Guarantee form in accordance with the instructions indicated in brackets .]*

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

Beneficiary: _____ *[Name and Address of Employer]*

Date: _____

BID GUARANTEE No.: _____

We have been informed that *[name of the Bidder]* (hereinafter called "the Bidder") has submitted to you its Bid dated (hereinafter called "the Bid") for the execution of *[name of contract]* under Invitation for Bids No. *[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 *[name of Bank]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[amount in figures]* (*[amount in words]*) 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 its Bid during the period of Bid validity specified by the Bidder in the Form of Bid; or
- (b) having been notified of the acceptance of its Bid by the Employer during the period of Bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the Instructions to Bidders.

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; or (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) 30 days after the expiration of the Bidder's Bid.

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

[signature(s)]

Performance Demand Bank Guarantee
(Unconditional)

[The **bank/successful Bidder** providing the Guarantee shall fill in this form in accordance with the instructions indicated in brackets.]

[bank's name, and address of issuing branch or office]

Beneficiary: *[name and address of Employer]*

Date: *[date]*

PERFORMANCE GUARANTEE No.: *[Performance Guarantee number]*

We have been informed that *[name of Contractor]* (hereinafter called "the Contractor") has entered into Contract No. *[reference number of the Contract]* dated *[date of Contract]* with you, for the execution of *[name of Contract and brief description of Works]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Contractor, we *[name of Bank]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[amount in figures]* (*[amount in words]*), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without you needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire no later than 30 days from the date of issuance of the Certificate of Completion, calculated based on a copy of such Certificate which shall be provided to us, or on the *[number]* day of *[month]*, *[year]*, whichever occurs first. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date. The Guarantor agrees to a one-time extension of this Guarantee for a period not to exceed *[6 months]**[1 year]*, in response to the Employer's written request for such extension, such request to be presented to the Guarantor before the expiry of the Guarantee.

[signature(s) of an authorized representative(s) of the bank]

Bank Guarantee for Advance Payment

The **bank/successful Bidder** providing the Guarantee shall fill in this form in accordance with the instructions indicated in brackets.

[bank's name, and address of issuing branch or office]

Beneficiary: *[name and address of Employer]*

Date: *[date]*

ADVANCE PAYMENT GUARANTEE No.: *[number]*

We have been informed that *[name of Contractor]* (hereinafter called "the Contractor") has entered into Contract No. *[reference number of the contract]* dated *[date of Contract]* with you, for the execution of *[name of contract and brief description of Works]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance payment is to be made against an advance payment guarantee in the sum or sums indicated below.

At the request of the Contractor, we *[name of Bank]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of *[amount in figures]* (*[amount in words]*) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation under the Contract because the Contractor used the Advance Payment for purposes other than the costs of mobilization in respect of the Works.

It is a condition for any claim and payment under this guarantee to be made that the Advance Payment referred to above must have been received by the Contractor in its account number *[account number]* at *[name and address of Bank]*.

The maximum amount of this guarantee shall be progressively reduced by the amount of the Advance Payment repaid by the Contractor as indicated in copies of interim statements or payment certificates which shall be presented to us. This guarantee shall expire, at the latest, upon our receipt of a copy of the Interim Payment Certificate indicating that eighty percent (80%) of the Contract Price has been certified for payment, or on the *[number]* day of *[month]*, *[year]*, whichever is earlier. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date. We agree to a one-time extension of this guarantee for a period not to exceed *[6 months]**[1 year]*, in response to the Employer's written request for such extension, such request to be presented to us before the expiry of the guarantee.

[insert signature(s) of authorized representative(s) of bank]

INTEGRITY PACT

1. General

Whereas the Chief Executive Officer representing Bhutan Telecom Limited hereinafter referred to as the Employer on one part, and _____ (*Name of person*) representing _____ (*Name of Bidder*) the other part hereby execute this agreement as follows:

This agreement should be a part of the tender document, which shall be signed with legal stamp and submitted along with the tender document. The head of the employing agency/or his authorized representative should be the signing authority. For the bidders, the bidder himself or his authorized representative must sign the Integrity Pact (IP). If the winning bidder had not signed during the submission of the bid, the tender shall be cancelled.

2. Objectives

Now, therefore, the Employer and the Bidder agree to enter into this pre-contract agreement, hereinafter referred to as Integrity Pact, to avoid all forms of corruption by following a system that is fair, transparent and free from any influence/unprejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into, with a view to :-

2.1 Enabling the Employer to obtain the desired contract at a reasonable and competitive price in conformity to the defined specifications of the works, goods and services; and

2.2 Enabling bidders to abstain from bribing or any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also refrain from bribing and other corrupt practices and the Employer will commit to prevent corruption, in any form by their officials by following transparent procedures.

3. Commitments of the Employer:

The Employer Commits itself to the following:-

3.1 The Employer hereby undertakes that no official of the Employer, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favor or any material or immaterial benefit or any other advantage from the Bidder, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the Contract.

3.2 The Employer further confirms that its officials has not favored any prospective bidder in any form that could afford an undue advantage to that particular bidder during the tendering stage, and will further treat all Bidders alike.

3.3 All the officials of the Employer shall report to the head of the employing agency or an appropriate Government office any attempted or completed violation of clauses 3.1 and 3.2.

3.4 Following report on violation of clauses 3.1 and 3.2 by official (s), through any source, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings may be initiated by the Employer and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the Employer the proceedings under the contract would not be stalled.

4. Commitments of Bidders

The Bidder commits himself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of his bid or during any pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commits himself to the following :-

4.1 The Bidder will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favor, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Employer, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the Contract.

4.2 The Bidder further undertakes that he has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favor, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Employer or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the Contract or any other contract with the Government for showing or forbearing to show favor or disfavor to any person in relation to the Contract or any other contract with the Government.

4.3 The Bidder will not collude with other parties interested in the contract to preclude the competitive bid price, impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.

4.4 The Bidder, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the Employer or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

5. Sanctions for Violation

The breach of any aforesaid provisions or providing false information by employers,

including manipulation of information by evaluators, shall face administrative charges and penal actions as per the existing relevant rules and laws.

The breach of the Pact or providing false information by the Bidder, or any one employed by him, or acting on his behalf (whether with or without the knowledge of the Bidder), or the commission of any offence by the Bidder, or any one, employed by him, or acting on his behalf, shall be dealt with as per the provisions of the Penal Code of Bhutan, 2004, and the Anti-Corruption Act, 2006.

The Employer/relevant agency shall also take all or any one of the following actions, wherever required :-

5.1 To immediately call off the pre-contract negotiations without giving any compensation to the Bidder. However, the proceedings with the other Bidder(s) would continue.

5.2 To immediately cancel the contract, if already awarded/signed, without giving any compensation to the Bidder.

5.3 The Earnest Money / Security Deposit shall stand forfeited.

5.4 To recover all sums already paid by the Employer.

5.5 To encash the advance bank guarantee and performance bond/warranty bond, if furnished by the Bidder, in order to recover the payments, already made by the Employer, along with interest.

5.6 To cancel all or any other Contracts with the Bidder.

5.7 To debar the Bidder from entering into any bid from the government of Bhutan as per the Debarment Rule.

6. Conflict of Interest

6.1 A conflict of interest involves a conflict between the public duty and private interests (for favor or vengeance) of a public official, in which the public official has private interest which could improperly influence the performance of their official duties and responsibilities. Conflict of Interest would arise in a situation when any concerned members of both the parties are related either directly or indirectly, or has any association or had any confrontation. Thus, conflict of interest of any tender committee member must be declared in a prescribed form (sample form attached).

6.2 The Bidder shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any committee member, and if he does so, the Employer shall be entitled forthwith to rescind the Contract and all other contracts with the Bidder.

7. Examination of Books of Accounts

7.1 In case of any allegation of violation of any provisions of this Integrity Pact or payment of commission, the Employer/authorized persons or relevant agencies shall be entitled to examine the Books of Accounts of the Bidder and the Bidder shall provide necessary information of the relevant financial documents and shall extend all possible help for the purpose of such examination.

8. Monitoring and Arbitration

8.1 The respective procuring agency shall be responsible for monitoring and arbitration of IP as per the Procurement Rules.

9. Legal Actions

9.1 The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

10. Validity

10.1 The validity of this Integrity Pact shall cover the tender process and extend until the completion of the contract to the satisfaction of both the Employer and the Bidder.

10.2 Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

We, hereby declare that we have read and understood the clauses of this agreement and shall abide by it. Further, the information provided in this agreement are true and correct to the best of our knowledge and belief.

The parties hereby sign this Integrity Pact at _____ on _____

EMPLOYER

BIDDER

Witness:

Witness:

1. _____

1. _____

(Legal Officer/Internal Auditor)

DECLARATION OF CONFLICT OF INTERESTS

(Sample)

Name of the Committee member/Committee _____

Subject: _____

Date: _____

Financial Interest:

Close Personal Relationship:

Other Potential Conflicts of Interest/Enmity:

I hereby declare that the above details are correct to the best of my knowledge and I make this Conflict of interest declaration in good faith.

-Signature (*Employee*)

Date: _____

(To be filled by Chairperson of the Committee)

I hereby declare that I have received and appropriately noted this conflict of interest to be:

Actual Perceived Potential Pecuniary Non-pecuniary

Signature (Chairperson)

Date: _____

Brief descriptions of the types of conflict of interest

Financial/Pecuniary interests

Money does not need to change hands for an interest to be pecuniary/financial. People have a pecuniary/financial interest if they (or a relative or other close associate) own property, hold shares, have a position in a company bidding for government work, or receive benefits (such as concessions, discounts, gifts or hospitality) from a particular

source. Or when there was actual exchange of cash in the form of loan or lending of money between the two parties.

Close Personal Relationship:

Close personal relationship should include anyone who is related through blood.

Other Personal relationship:

Other personal relationship should include everyone who enjoys intimate relationship like family doctors, lawyers, and close friends.

Enmity

Conflict of Interest not only occurs in the form of good relations, it can equally or more seriously occur in the situation of enmity.

Conflicts of interest can be actual, perceived or potential.

- An **actual conflict of interest** involves a direct conflict between a public official's current duties and responsibilities and existing private interests.
- A **perceived or apparent conflict of interest** can exist where it could be perceived, or appears, that a public official's private interests could improperly influence the performance of their duties – whether or not this is in fact the case.
- A **potential conflict of interest** arises where a public official has private interests that **could conflict with their official duties in the future**