

STANDARD BIDDINGDOCUMENTS

Procurement of Works (Above Nu 5 Million-W3 Category Medium Class Contract)



Tender submitted by:

M/s. _____

CDB #: _____

Contact: _____

Email address: _____

PREFACE

Procurement under projects financed by the Royal Government of Bhutan is carried out in accordance with policies and procedures laid down in the *Procurement Rules and Regulations*. The Standard Bidding Documents in this publication have been prepared for use by Employers in the Procurement of Works for Works Contracts above Nu 5 (five) Million. This document will come in effect from 1st July 2019. In absence of STCBL's procurement of works manual, this manual is adopted for this contract.

To obtain further information on procurement you may
contact: Government Procurement and Property
Management Division Department of National Properties
Ministry of Finance

INVITATION FOR BIDS**Notes on the Invitation for Bids (IFB)**

Its purpose is to supply information to enable potential Bidders to decide whether to participate in the procurement process. The Invitation for Bids shall specify any important Bid evaluation criteria (for example, the application of a margin of preference in Bid evaluation) and qualification requirements (for example, a requirement for a minimum level of experience in carrying out works of a similar type and size to those for which the IFB is issued).

The Invitation for Bids shall not be incorporated into the Bidding Documents. However, the information contained in the Invitation for Bids should conform to the Bidding Documents and in particular to the relevant information in the Bidding Data Sheet.

Invitation for Bids (IFB)

Name of work: construction of Fuel Retail Outlet and associated facilities at Dechen Lam, Taba, Thmphu Thromde, Thimphu..

Ref. No. STCBL/PD/TS/2021/601 dated 21st April 2021

1. The **State Trading Corporation of Bhutan Ltd. (STCBL)** invites sealed Bids from eligible and qualified Bidders for the **construction of Fuel Retail Outlet and associated facilities at Dechen Lam, Taba, Thmphu Thromde, Thimphu**. The period for execution of the assignment is **5 (Five) Months**.
2. Bidding will be conducted through the **National** Competitive Bidding procedures specified in the STCBL Procurement Rules, and is open to all Bidders from Countries as defined in Section III of the Bidding Documents.
3. Interested eligible Bidders may obtain further information from **General Manager, Petroleum Division, STCBL, Thimphu** or email to: mdo_suganpradhan@stcb.bt and inspect the Bidding Documents at the address given below from **9 AM to 5 PM**.
4. A complete set of Bidding Documents in *English* may be purchased by interested Bidders on the submission of a written Application to the address below and upon payment of a non-refundable fee **Nu 5,000/- (Ngultrum Five Thousand)**. The method of payment will be **Cash or digital Payment**. The Bidding Documents will be sent by **hand**. The bidding documents may be downloaded from the website www.stcb.bt **and payment before/during submission of the bid. None payment of fee for the bid shall be rejected.**
5. Bids must be delivered to the address below at or before **11 AM, 15/05/2021**. Electronic bidding **shall not** be permitted. Late Bids will be rejected. Bids will be opened physically **one by one** in the presence of the Bidders' representatives who choose to attend in person at the address below at **2:30 PM, 15/05/2021**.
6. All Bids shall be accompanied by a Bid Security of **Nu 222,000/- in favour of Chief Financial Officer, STCBL, Thimphu**.
7. The address referred to above is: **GENERAL MANAGER, PETROLEUM DIVISION, 1ST FLOOR, STCBL Corporate Office, BABESA, THIMPHU.**

TABLE OF CONTENTS

Introduction	1
Section I. Instructions to Bidders (ITB).....	2
Section II. Bidding Data Sheet	28
Section III. Eligible Countries	31
Section IV. Evaluation and Qualification Criteria	32
Section V. Bidding Forms	39
Section VI. General Conditions of Contract (GCC)	55
Section VII. Special Conditions of Contract.....	84
Section VIII Specifications and Performance Requirements	89
Section IX. Drawings	90
Section X. Contract Forms	91

TABLE OF CONTENTS

A. General	5
1. Scope of Bid and Source of Funds	5
2. Fraud and Corruption	5
3. Eligible Bidders	7
4. One Bid per Bidder.....	9
5. Cost of Bidding	9
6. Site Visit	9
B. Bidding Documents	9
7. Content of Bidding Documents	9
8. Clarification of Bidding Documents	10
9. Amendment of Bidding Documents	10
C. Preparation of Bids	11
10. Language of Bid.....	11
11. Documents Comprising the Bid	11
12. Bid Prices.....	12
13. Currencies of Bid and Payment	12
14. Bid Validity	13
15. Bid Security	13
16. Alternative Proposals by Bidders	15
17. Documents establishing Eligibility and Qualifications of the Bidder	15
18. Format and Signing of Bid.....	15
D. Submission of Bids	16
19. Sealing and Marking of Bids	16
20. Deadline for Submission of Bids	17
21. Late Bids.....	17
22. Withdrawal, Substitution and Modification of Bids	17
E. Bid Opening and Evaluation.....	17
23. Bid Opening	17
24. Confidentiality	19
25. Clarification of Bids	19
26. Examination of Bids and Determination of Responsiveness.....	19
27. Correction of Errors.....	20
28. Currency for Bid Evaluation	20
29. Evaluation and Comparison of Bids	20
30. Qualifications of the Bidder	22
31. Abnormally Low Bids.....	22
32. Seriously unbalanced Bids or Front Loaded	23
33. Specialized Subcontractor	23
34. Preference for Domestic Bidders	23

F. Award of Contract.....	24
35. Award Criteria	24
36. Employer's Right to Accept any Bid and to Reject any or all Bids.....	24
37. Letter of Intent to Award /Notification of Award and Signing of Contract	24
38. Debriefing by the Employer	25
39. Performance Security	26
40. Advance Payment and Security	26
41. Adjudicator	26
42. Complaint and Review	26

INSTRUCTIONS TO BIDDERS (ITB)

A. General

- 1. Scope of Bid and Source of Funds**
 - 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.
 - 1.3. The Employer as defined in section II, Bidding Data Sheet (BDS) has received a budget from STCBL towards the cost of the Project defined in the BDS and intends to apply a part of the funds to cover eligible payments under the contract for this works.
- 2. Fraud and Corruption**
 21. It is STCBL'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. In pursuance of this policy, the STCBL :
 - (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;
 - (i) "Obstructive practice" is
 - (bb) 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
 - (cc) 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

STCBL agency provided for under ITB Sub-Clause 2.1 (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 STCBL 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 STCBL 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 60.1

3. Eligible Bidders

- 3.1. A Bidder may be a private entity, government-owned entity, subject to ITB sub-clause 3.4, or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent. In the case of a joint venture, all members shall be jointly and severally liable for the execution of the entire Contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the Bidding process and, in the event the JV is awarded the Contract, during contract execution. Unless specified **in the BDS**, there is no limit on the Number of members in a JV.
- 3.2. A Bidder may have the nationality of any country, subject to the restrictions pursuant to ITB 3.7. A Bidder shall be deemed to have the nationality of a country if the Bidder is constituted, incorporated or registered in and operates in conformity with the provisions of the laws of that country, as evidenced by its articles of incorporation (or equivalent documents of constitution or association) and its registration documents, as the case may be. This criterion also shall apply to the determination of the nationality of proposed subcontractors or sub-consultants for any part of the Contract including related Services
- 3.3. 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:
 - (a) they have at least one controlling partner in common; or
 - (b) they receive or have received any direct or indirect subsidy from either party; or
 - (c) they have the same authorized legal representative for purposes of this Bid; or
 - (d) 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
 - (e) 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

- (f) 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
 - (g) 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 corporate employee 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.
- 3.4. 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.
- 3.5. 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.
- 3.6. Bidders shall provide such evidence of their continued eligibility satisfactory to the Employer as the Employer shall reasonably request.
- 3.7. 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
 - (b) by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, 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.
- 3.8. 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 business 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
 - (i) He/she has been debarred from participation in public procurement by any competent authority as per law.

4. One Bid per Bidder

4.1. Each Bidder shall submit only one Bid, either individually or as a partner in a Joint Venture, Consortium or Association (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.

5. Cost of Bidding

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

6. Site Visit

6.1. 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

7. Content of Bidding Documents

7.1. The set of Bidding Documents comprises the documents listed in the table below and addenda issued in accordance with ITB Clause 9:

- Section I: Instructions to Bidders
- Section II: Bidding Data Sheet
- Section III: Eligible Countries
- Section IV: Evaluation and Qualification Criteria
- Section V: Bidding Forms
- Section VI :General Conditions of Contract
- Section VII: Special Conditions of Contract
- Section VIII: Specifications and Performance Requirements
- Section IX: Drawings

Section X: Bill of Quantities: This comprises a paper hard copy.
 Section XI: Forms of Securities and Invitation for Bids

**8. Clarification
of Bidding
Documents**

- 8.1. A prospective Bidder requiring any clarification of the Bidding Documents may notify the Employer in writing 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 9 and ITB Sub-Clause 20.2.
- 8.2. 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.
- 8.3. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- 8.4. 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.
- 8.5. 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 8.1 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 9 and not through the minutes of the pre-bid meeting.
- 8.6. Non-attendance of the pre-bid meeting will not be a cause for disqualification of a bidder.

**9. Amendment
of Bidding
Documents**

- 9.1. Before the deadline for submission of Bids, the Employer may modify the Bidding Documents by issuing addenda.
- 9.2. Any addendum thus issued shall be part of the Bidding Documents, shall be binding on all Bidders and shall be communicated in writing 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.
- 9.3. 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

10. Language of Bid

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

11. Documents Comprising the Bid

11.1. The Bid submitted by the Bidder shall comprise the following:

- (a) The Bid form (in the format indicated in Section V);
- (b) Bid Security in accordance with Clause 15;
- (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, if required by the Employer;
- (d) Qualifications: documentary evidence in accordance with ITB 17 establishing the Bidder's qualifications to perform the Contract if its Bid is accepted;
- (e) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ITB sub-clause 18.2;
- (f) Alternative offers where invited;
- (g) any other documents specified in the BDS

11.2. In addition to the requirements under ITB 11.1, 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 17.2 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.

12. Bid Prices

- 12.1. 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.
- 12.2. 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, initialling, dating and rewriting.
- 12.3. 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.
- 12.4. 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 48 of the General Conditions of Contract. The Bidder shall submit with the Bid all the information required under the SCC and GCC Clause 48 of the General Conditions of Contract.

13. Currencies of Bid and Payment

- 13.1. 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 sums) and shall be payable at the option of the Bidder in up to three foreign currencies.

-
- 13.2. 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 13.1 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.
- 13.3. Bidders shall indicate details of their expected foreign currency requirements in the Bid.
- 13.4. 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 13.1.
- 13.5. 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 13.2 above but the payment shall be made in the currency of bid.

14. Bid Validity

- 14.1. Bids shall remain valid for the period specified in the BDS.
- 14.2. 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 15 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 15.
- 14.3. 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.

15. Bid Security

- 15.1. The Bidder shall furnish, as part of the Bid, a Bid Security as specified in the BDS.
- 15.2. 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) An account payee cash warrant.
 - (b) Be issued by a financial institution in Bhutan acceptable to the Employer & selected by the Bidder.
 - (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 15.5 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 14.2.
- 15.3. Any Bid not accompanied by a responsive Bid Security shall be rejected by the Employer as non-responsive.
- 15.4. 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.
- 15.5. 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 14.2; 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
- 15.6. 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.

**16. Alternative
Proposals by
Bidders**

16.1. Alternatives shall not be considered, unless specifically allowed in the BDS. If so allowed, ITB Sub-Clauses 16.1 and 16.2 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.

16.2. 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.

**17. Documents
establishing
Eligibility and
Qualifications of
the Bidder**

17.1. To establish Bidder's eligibility in accordance with ITB 3, Bidders shall complete the Letter of Bid, included in Section V, Bidding Forms.

17.2. In accordance with Section IV, Evaluation and Qualification Criteria, to establish its qualifications to perform the Contract, the Bidder shall provide the information requested in the corresponding information sheets included in Section V, Bidding Forms.

17.3. If a margin of preference applies as specified in accordance with ITB 34, domestic Bidders, individually or in joint ventures, applying for eligibility for domestic preference shall supply all information required to satisfy the criteria for eligibility specified in accordance with ITB 34.

**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 11, "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, 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 17.1. 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 initialled 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 initialled 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 Bids

- 19.1. Bidders may always submit their Bids by mail or by hand. When so specified in the BDS, Bidders shall have the option of submitting their Bids electronically. Bidders submitting Bids electronically shall follow the procedures specified in the BDS. The bidder shall seal the original and all copies of the Bid, including alternative bids if permitted in accordance with ITB Clause 16, in separate inner envelopes contained within one outer envelope. All envelopes shall be sealed with adhesive or other sealant to prevent reopening.
- 19.2. The inner envelopes shall
 - (a) be signed across their seals by the person authorized to sign the bid on behalf of the bidder; and
 - (b) be marked "ORIGINAL", "ALTERNATIVE" (if any) and "COPIES";
- 19.3. The outer envelope shall:
 - (a) be sealed with adhesive or other sealant to prevent reopening,
 - (b) be marked "Confidential";
 - (c) be addressed to the Employer at the address provided in the BDS;
 - (d) bear the name and identification Number of the Contract as defined in the BDS and SCC; and
 - (e) Provide a warning not to open before the specified time and date for bid opening as defined in the BDS.
- 19.4. In addition to the identification required in ITB Sub-Clause 19.2, the inner envelopes shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared late pursuant to ITB Clause 21.
- 19.5. If the outer envelope is not sealed and marked as above, the Employer shall assume no responsibility for the misplacement or premature opening of the 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 9, 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 14.2 may result in the forfeiture of the bid security pursuant to ITB Clause 15. 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 & Copies 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; fulfilment 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 initialled 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. 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 37. 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	<p>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:</p> <ul style="list-style-type: none"> (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. <p>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 15.5 (b).</p>
28. Currency for Bid Evaluation	28.1. Bids shall be evaluated as quoted in Ngultrum (Nu) in accordance with ITB Sub-Clause 13.1, unless a Bidder has used different exchange rates than those prescribed in ITB Sub-Clause 13.2, 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 13.2.
29. Evaluation and Comparison of Bids	<p>29.1. The Employer shall evaluate and compare only the bids determined to be substantially responsive in accordance with ITB Clause 26.</p> <p>29.2. In evaluating the bids, the Employer shall determine for each bid the evaluated bid price by adjusting the bid price as follows:</p> <ul style="list-style-type: none"> 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 16; and d) Making appropriate adjustments to reflect discounts or other price modifications offered in accordance with ITB Sub-Clause 22.5.

29.3. The bids shall be evaluated by applying the evaluation criteria, sub criteria and points system specified in Section IV, Evaluation and Qualification Criteria. Each responsive bid will be given a technical score. Financial bids of only those bidders who score the minimum technical score specified in Section IV, Evaluation and Qualification Criteria will be considered for the second stage of bid evaluation to obtain an overall price preference - financial score. Work will be awarded to the bidder obtaining the highest overall price preference -financial score which will be obtained using the following formula:

$90\% \times (\text{Lowest quoted bid among qualifying tenders} / \text{financial bid quoted by } x) + 10\% \times \text{Price preference score for } x.$

29.4. In the case of joint ventures, the individual credentials of the joint venture partners need to be averaged using their stake in the JV for the purpose of evaluation under the parameters of similar work experience, performance score from previous work, Bid capacity and credit line available. For the parameters of equipment, manpower, Status, Employment of Bhutanese, the resources or information committed / provided by the JV as a single entity will be considered for award of points.

29.5. 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.

29.6. 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.

29.7. 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.

30. Qualifications of the Bidder

30.1. The Employer shall determine to its satisfaction whether the eligible Bidder that is selected as having submitted the lowest evaluated cost and substantially responsive Bid meets the qualifying criteria specified in Section IV, Evaluation and Qualification Criteria.

30.2. The determination shall be based upon an examination of the documentary evidence of the bidder's qualifications submitted by the bidder, pursuant to ITB 17. The determination shall not take into consideration the qualifications of other firms such as the bidder's subsidiaries, parent entities, affiliates, subcontractors (other than Specialized Subcontractors if permitted in the bidding document), or any other firm(s) different from the bidder.

31. Abnormally Low Bids

- 31.1. An Abnormally Low Bid is one where the bid price, in combination with other constituent elements of the bid, appears unreasonably low to the extent that the Bid price raises material concerns as to the capability of the bidder to perform the Contract for the offered bid price. Before proceeding to further analysis, the Employer shall revisit their departmental estimate to ensure its realistic compared to the prevailing market rates
- 31.2. Any bid price less than twenty percent (20%) from the employer's departmental estimate shall be scrutinized by seeking written clarifications from the Bidder, including detailed price analyses of its Bid price in relation to the subject matter of the contract, scope, proposed methodology, schedule, allocation of risks and responsibilities, and any other requirements of the request for bidding document.
- 31.3. After evaluation of the price analyses, in the event that the Employer determines that the Bidder has failed to demonstrate its capability to perform the Contract for the offered Bid Price, the Employer shall reject the Bid.
- 31.4. If the Procuring Agency decides to accept the abnormally low bid after considering the detailed price analysis, the Procuring Agency shall increase the performance security from ten percent (10%) up to maximum of 30% of the initial contract price; or

Alternatively, the procuring agency may ask the successful bidder to deposit the difference between departmental estimate and contract amount in the form of cash warrant in addition to 10% performance security. However, the total performance security amount shall be limited to maximum of 30% of initial contract price.

**32. Seriously
unbalanced Bids
or Front Loaded**

- 32.1. If the Bid that is evaluated as the lowest evaluated cost is, in the Employer's opinion, seriously unbalanced or front loaded the Employer may require the Bidder to provide written clarifications. Clarifications may include detailed price analyses to demonstrate the consistency of the Bid prices with the scope of works, proposed methodology, schedule and any other requirements of the bidding document.
- 32.2. After the evaluation of the information and detailed price analyses presented by the Bidder, the Employer may as appropriate:
- (a) Accept the Bid and increase the performance security from ten percent (10%) up to maximum of 30% of the initial contract price; or alternatively, the procuring agency may ask the successful bidder to deposit the difference between departmental estimate and contract amount in the form of cash warrant in addition to 10% performance security. However, the total performance security amount shall be limited to maximum of 30% of initial contract price ; or
 - (b) Reject the Bid.

**33. Specialized
Subcontractor**

- 33.1. Unless otherwise stated in the BDS, the Employer does not intend to execute any specific elements of the Works by specialized subcontractors selected in advance by the Employer. If permitted, Bidders may propose subcontracting up to the percentage of total value of contracts or the volume of works as specified in the BDS.
- 33.2. Specialized Subcontractors proposed by the Bidder shall be approved by the Employer only if registered in the specialized trade of CDB for the specific parts of the Works.
- 33.3. However, sub-contracting up to twenty percent (20%) of the initial contract price shall not require prior approval of employer but the sub-contractors should be registered in the specialized trade/ contractors of CDB.

**34. Preference for
Domestic Bidders**

- 34.1. As indicated in the BDS, domestic contractors may receive a margin of preference in Bid evaluation, for which this clause shall apply.
- 34.2. 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 Biddershall:
- (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 twenty percent (20%) of the initial Contract Price, excluding provisional sums, to foreign contractors, suppliers and/or consultants.

34.3. 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 34.2 (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 initial 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.

34.4. The procedure used to apply the margin of preference shall be as stipulated in the BDS.

F. Award of Contract

35. Award Criteria

35.1. Subject to ITB Clause 36, 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 scored the highest in the price preference – financial score of 100, provided that such Bidder has been determined to be (a) eligible in accordance with the provisions of ITB Clause 3, (b) qualified in accordance with the provisions of ITB Clause 30 (Qualification of Bidder), and (c) Fulfilment of works in-hand ceiling prescribed by CDB.

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

36.1. Notwithstanding ITB Clause 35, 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.

37. Letter of Intent to Award / Notification of Award and Signing of Contract

37.1. The Employer shall notify the concerned Bidder whose bid has been selected in accordance with ITB 35.1 in writing (using the format in section V-hereafter called the "Letter of Intent to Award") that the Employer has intention to accept its bid and the copy of this information shall be given to all other bidders who submitted the bid. Such notification should be communicated in writing, including by cable, facsimile, telex or electronic mail to all the bidders on the same day of dispatch. The Employer shall ensure that the same information is uploaded on their website on the same day of dispatch.

- 37.2. If no bidder submits complaint pursuant to ITB 42 within a period of ten (10) days of the notice provided under ITB 37.1, 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").
- 37.3. The Letter of Acceptance shall constitute the formation of the Contract, subject to the Bidder furnishing the Performance Security in accordance with ITB Clause 39 and signing the Contract in accordance with ITB Sub-Clause 37.3. It shall be accompanied by two originals of the Contract in the form provided in Section V – Forms of Bid, Qualification Information, Letter of Acceptance, and Contract.
- 37.4. 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.
- 37.5. 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.

38. Debriefing by the Employer

- 38.1. On receipt of the Employer's Notification of Intention to Award referred to in ITB 37.1, an unsuccessful bidder has three (3) working days to make a written request to the Employer for a debriefing. The Employer shall provide a debriefing to all unsuccessful bidders whose request is received within this deadline.
- 38.2. Where a request for debriefing is received within the deadline, the Employer shall provide a debriefing within five (5) working days.
- 38.3. The Employer shall discuss only such Bid and not the bids of other competitors. The debriefing shall not include:
- (a) point-by-point comparisons with another Bid; and

(b) Information that is confidential or commercially sensitive to other Bidders.

38.4. The Purpose of debriefing is to inform the aggrieved bidder of the reasons for lack of success, pointing out the specific shortcomings in its bid without disclosing contents of other bids.

39. Performance Security

39.1. Within fifteen (15) 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.

39.2. 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 financial institution located in Bhutan.

39.3. Failure of the successful Bidder to comply with the requirements of ITB Sub-Clauses 37.3 and 39.1 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.

39.4. Upon the successful Bidder's signing of the Contract and furnishing of the Performance Security pursuant to ITB Sub-Clause 39.1, the Employer shall promptly notify the name of the winning Bidder to each unsuccessful Bidder in accordance with ITB Sub-Clause 37.4 and shall discharge the Bid Securities of the unsuccessful Bidders pursuant to ITB Sub-Clause 15.4.

40. Advance Payment and Security

40.1. 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.

41. Adjudicator

41.1. 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.

42. Complaint and Review

42.1. If the Bidder has or is likely to suffer, loss or injury due to breach of a duty imposed on the Employer by the provisions of this bidding document, the bidder shall submit the complaint in writing to the Employer within ten (10) days from the date of letter of intent to award the contract pursuant to ITB 37.1

- 42.2. The head of agency shall, within 7 days after the submission of the complaint, issue a written decision.
- 42.3. The Bidder may appeal to the Independent Review Body within 5 days of the decision of the Head of the Procuring Agency or, where no such decision has been taken, within 15 days of the original complaint and the copy of the appeal shall be given to procuring agency on the same day.
- 42.4. Once the appeal copy is received by the procuring agency, it shall not proceed further with the procurement process until receipt of notification from the Independent Review Body Secretariat.

SECTION II. BIDDING DATA SHEET

A. General	
ITB 1.1	<p>The Employer is State Trading Corporation of Bhutan Ltd.</p> <p><i>The name and identification of the contract are</i> Construction of Fuel Retail Outlet and associated facilities at Dechen Lam, Taba, Thmphu Thromde, Thimphu.</p> <p><i>The Works are</i> G+J sales building, island, driveway, footings, RCC shear wall, UG tanks, signage and electrical works.</p>
ITB 1.2	The Intended Completion Date is 5 (Five) months.
B. Bidding Documents	
ITB 8.1	<p>The Employer's address for clarification is: General Manager, Petroleum Division, State Trading Corporation of Bhutan Ltd. Corporate Office, Babesa, Thimphu</p> <p>Email: mdo_suganpradhan@stcb.bt</p>
ITB 8.2	Pre-bid Meeting shall NOT be held.
C. Preparation of Bids	
ITB 10.1	The language of the bid is: English.
ITB 11.1 (g)	Any additional materials required to be completed and submitted by the Bidders are none.
ITB 12.4	The Contract is not subject to price adjustment in accordance with GCC Clause 48.
ITB 13.2	The authority for establishing the rates of exchange shall be the Royal Monetary Authority of Bhutan.
ITB 13.4	Bidders are not required to substantiate the rates and prices.
ITB 14.1	The Bid shall be valid for 90 days from the deadline for submission of Bids stipulated in ITB Clause 20.1
ITB 15.1 & 15.2	The Bid Security amount is Nu 222,000/-
ITB 16.1	Alternative Bids shall not be considered.
ITB 18.1	In addition to the original Bid, the Number of copies is one.
D. Submission of Bids	
ITB 19.1	Bidders may submit their Bids electronically: No.
ITB 19.3 (c)	The Employer's address for the purpose of Bid submission is General Manager, Petroleum Division, State Trading Corporation of Bhutan Ltd. Corporate Office, Babesa, Thimphu.
ITB 19.3 (d)	The name and Identification Number of the contract as given in ITB 1.1 above in this sheet.
ITB 19.3 (e)	The warning shall read "DO NOT OPEN BEFORE 15/05/2021, 2:30 PM ".

ITB 20.1	The deadline for submission of Bids shall be 15/05/2021, 11:00 AM.
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: Conference Hall, 1st floor, STCBL Corporate Office, Babesa, Thimphu.</p> <p>Date: 15/05/2021; Time: 2:30 PM.</p>
ITB 33.1	<p>The parts of works which the Employer permits bidders to propose specialized subcontractor are designated as follows:</p> <p>a. Nil.</p> <p>Maximum percentage of subcontracting permitted is: <i>0% of the total percentage of volume of work.</i></p> <p>However, the successful bidder have to work closely with STCBL and HPCL for some specialised works.</p>
ITB 34.1	Margin of domestic preference of ten percent (10%) shall not apply.
ITB 34.3 (d)	Other criteria to be used for the purpose of assessing domestic preference eligibility are: none.
ITB 34.4	<p>The procedure used to apply the margin of preference shall be: NA</p> <p>In the case of procurements in which any Bids are received from foreign (i.e. non-Bhutanese) Bidders:</p> <ul style="list-style-type: none"> (i) if two or more Bids are evaluated as equivalent in accordance with the evaluation methods and factors laid down in the Bidding Documents, and (ii) one or more of the Bids is from a domestic Bidder, as defined in ITB Sub-Clause 34.2, and (iii) The total price of the domestic Bid does not exceed by more than ten percent (10%) the total price of the lowest priced foreign Bid evaluated as equivalent, then the Contract shall be awarded to the domestic Bid.
F. Award of Contract	
ITB 39.1	<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 40	The Advance Payment shall be limited to ten percent (10%) of the Contract Price.
ITB 41	<p>The Adjudicator proposed by the Employer is <i>“shall not”</i> apply; if applicable.</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 STCBL -financed Procurement

1. The STCBL permits firms and individuals from all countries to offer goods, works and services for STCBL -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 STCBL 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 STCBL 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]
 - (b) With reference to Paragraph 1.2 above:
[Insert list of countries which are barred under UN Security Council Chapter VII]

SECTION IV. EVALUATION AND QUALIFICATION CRITERIA

This section contains all the criteria that the Employer shall use to evaluate Bids and qualify Bidders through post-qualification. No other factors, methods or criteria shall be used other than specified in this bidding document. The Bidder shall provide all the information requested in the forms included in Section V, Bidding Forms.

1. Margin of Preference	33
2. Evaluation.....	33
3. Qualification	33
3.1. Eligibility	33
3.2. CAPABILITY (70 points).....	33
3.2.1. Similar Work Experience (0-10 points):.....	33
3.2.2. Access to adequate equipment (0-25 points):.....	34
3.2.3. Access to skilled manpower (0-25 points):.....	35
3.2.4. Average performance score from previous works (0-10 points):	35
3.3. CAPACITY (30 points):.....	36
3.3.1. Bid Capacity (0-25 points):.....	36
3.3.2. Credit Line available (unused) (0-5 points):.....	36
4. Minimum Technical Score	37
5. Award:	37
5.1. Status (Incorporated, JV or Proprietorship) (0-40 points):	37
5.2. Employment of Bhutanese (0-60 points):	37
5.3. Award of Work:.....	38

1. Margin of Preference

If BDS specifies, the Employer will grant a margin of preference of ten percent (10%) to domestic contractors, in accordance with, and subject to, the following provisions:

- (a) Contractors applying for such preference shall be asked to provide, as part of the data for qualification, such information, including details of ownership, as shall be required to determine whether, according to the classification established by the Construction Development Board and accepted by the employer, a particular contractor or group of contractors qualifies for a domestic preference. The bidding document shall clearly indicate the preference and the method that will be followed in the evaluation and comparison of Bids to give effect to such preference.
- (b) After Bids have been received and reviewed by the Employer, responsive Bids shall be classified into the following groups:
 - (i) (Group A: Bids offered by domestic contractors eligible for the preference.
 - (ii) Group B: Bids offered by other contractors.

All evaluated Bids in each group shall, as a first evaluation step, be compared to determine the Bid with lowest evaluated cost, and the Bid with the lowest evaluated cost in each group shall be further compared with each other. If a result of this comparison, a Bid from Group A is the lowest, it shall be selected for the award as the Most Advantageous Bid, if the Bidder is qualified. If a Bid from Group B is the lowest, as a second evaluation step, all Bids from Group B shall then be further compared with the lowest evaluated cost from Group A. For the purpose of this further comparison only, an amount equal to ten percent (10) of the respective Bid price corrected for arithmetical errors, including unconditional discounts but excluding provisional sums and the cost of day works, if any, shall be added to the evaluated cost offered in each Bid from Group B. If the Bid from Group A is the lowest, it shall be selected for award. If not, the lowest evaluated cost from Group B based on the first evaluation step shall be selected.

The Employer shall use the criteria and methodologies listed in this Section to evaluate Bids. By applying these criteria and methodologies, the Employer shall determine the Most Advantageous Bid. This is the Bid that has been determined to be:

- (a) Substantially responsive to the bidding document, and
- (b) The lowest evaluated cost.

2. Evaluation

In addition to the criteria listed in ITB 29.2 (a) – (d) the following criteria shall apply:

3. Qualification

3.1. Eligibility

Assess the eligibility as per the ITB clause 3 requirements

3.2. CAPABILITY (70 points)

3.2.1. Similar Work Experience (0-10 points): The Employer shall consider the aggregate size of similar works (maximum three) or size of the largest similar work in the last five (5) calendar years.

The evaluation score for this parameter shall be auto-generated from e-tool based on the following scoring criteria and similar work experience information updated in the e-tool/ CiNET maintained by CDB.

Parameter	Levels of Achievement	Score
Aggregate size of similar contracts (max. 3) in the last 5 calendar years OR	<input checked="" type="checkbox"/> ≥175% of current project size <input checked="" type="checkbox"/> 125-175% of the current project size <input checked="" type="checkbox"/> 75-125% of the current project size <input checked="" type="checkbox"/> <75% of the current project size	<input type="checkbox"/> 10 <input type="checkbox"/> 8 <input type="checkbox"/> 4 <input type="checkbox"/> 0
Size of the largest similar contract executed in the last 5 calendar years	<input checked="" type="checkbox"/> ≥ 100% of current project size <input checked="" type="checkbox"/> 70-100% of the current project size <input checked="" type="checkbox"/> 50-70% of the current project size <input checked="" type="checkbox"/> <50% of the current project size	<input type="checkbox"/> 10 <input type="checkbox"/> 8 <input type="checkbox"/> 4 <input type="checkbox"/> 0

The bidder shall be responsible for updating the similar work experience information in the e-tool/ CiNET to secure accurate score on this parameter.

3.2.2. Access to adequate equipment (0-25 points): The Bidder should demonstrate that it will have access to the key Contractor's equipment listed below:

Tiers	Equipment	Number Required	Max. Marks
Tier I	a) Backhoe	a) 1	a) 10
	b) Hydra Crane	b) 1	b) 10
	c) Vibratory roller	c) 1	c) 10
	d) Truck	d) 2	d) 20
Tier II	a) Excavator	a) 1	a) 10
	b) Welding machine	b) 1	b) 10
	c) Concrete mixer machine 5/7 cft	c) 1	c) 10
Tier III	a) Total station/GIS equipment	a) 1	a) 05
	b) Water pump Min. 2HP	b) 1	b) 05
	c) Rod/steel cutting machine	c) 1	c) 05
	d) Trailer 10 wheeler	d) 1	d) 05
		Total	100

Note: Any other necessary plants and equipment required beyond the above mentioned should be brought at site for doing the works. The above equipment are basic and should be at site as and when required.

Following are the rules that govern the scoring on equipment:

☒ The 100 points shall be allocated as follows:

Tier I importance: 50 points

Tier II importance: 30 points

Tier III importance: 20 points

☒ Total marks out of 100 will be scaled down to 25.

Section IV. Evaluation and Qualification Criteria

35

☒ Bidder shall get 100% marks if the equipment is owned and 75% marks if hired.

The Bidder shall provide following details of proposed items of equipment using the relevant Form in Section V:

1. Copy of the registration certificate of each equipment committed.
2. Copy of Insurance policy for each equipment (where applicable).
3. In case of hiring, copy of the lease agreement (specific to the project) in addition to 1 & 2 above.
4. In case of equipment that do not require registration with RSTA, copy of cash memos stamped by RRCO if newly imported or copy of sale deeds or verification letter issued by a Government Engineer and **equipment shall not be more than 3 years old from date of purchase.**

3.2.3. Access to skilled manpower (0-25 points): The skilled and experienced manpower required for the timely and quality execution of the work to be made available for the Contract by the Bidder shall be as specified below:

Tiers	Position	Number	Qualification	Score
I	Civil Engineer	1	Graduate with +10 years of experience.	50
			Graduate with +8 to 10 years of experience/Diploma with +10 years of experience.	40
			Graduate with +5 to 8 years of experience/Diploma with +8 to 10 years of experience.	30
			Graduate with +3 to 5 years of experience/Diploma with +5 to 8 years of experience.	20
			Graduate with +2 to 3 years of experience.	10
			Any other level of qualification and experience.	0
II.	Electrical Engineer	1	Graduate with +10 years of experience.	30
			Graduate with +8 to 10 years of experience/Diploma with +10 years of experience.	25
			Graduate with +5 to 8 years of experience/Diploma with +8 to 10 years of experience.	20
			Graduate with +3 to 5 years of experience/Diploma with +5 to 8 years of experience.	15
			Graduate with +2 to 3 years of experience	10
			Any other level of qualification and experience.	0
III. a.	Site Supervisor	1	Graduate Civil Engineer with 0-2 years of experience	10
			Diploma Civil Engineer with 3 to 5 years of experience.	8
			Diploma in Civil Engineer with 0-3 years of experience	5
			VTI (civil and electrical) passed out with +10 years of experience	4
			VTI (civil and electrical) passed out with +5 to 10 years of experience	2
			Any other level of qualification and experience.	0
III. b.	Plumber	1	Plumber with +8 years of experience in construction works	10
			Plumber with +5 to 8 years of experience in construction works.	8
			Plumber with +3 to 5 years of experience in construction works.	5
			Any other level of qualification and experience.	0

Following are the rules that govern the scoring on equipment:

- ☒ The 100 points shall be allocated as follows:

Tier I importance: 50 points

Tier II importance: 30 points

Tier III importance: 20 points

- ☒ Total marks out of 100 will be scaled down to 25.

The Bidder shall provide following details of the proposed manpower and their experience records in the relevant Forms included in Section V, Bidding Forms:

1. Original signed CVs of technical manpower committed.
2. Copies of Citizenship ID Cards or work permit/ Passport/ Election/Voter ID cards (for foreign workers) of all manpower committed.
3. Copies of contract agreements with all personnel if they have been hired on contract by the contractor.
4. Copies of Provident Fund Account Documents for all regular personnel or payrolls or Copies of monthly remittance schedule of Health Contribution and Tax Deducted at Source for all regular personnel committed for this project.
5. No workforce shall be more than age 55 years from the date of tender submission.

3.2.4. Average performance score from previous works (0-10 points): The Employer shall consider the performance of contractor in the last 5 calendar years.

The evaluation score for this parameter is auto-generated from e-tool based on the following scoring criteria and performance score information updated with e-tool/CiNET.

Parameter	Levels of achievement	Score
Average performance score from previous works (past 5 calendar years)	<input type="checkbox"/> 100%	<input type="checkbox"/> 10
	<input type="checkbox"/> 1 mark lesser for every 5% point decrease in score rounded off to lower 5%	<input type="checkbox"/> 0
	<input type="checkbox"/> <55%	

The bidder shall be responsible to update the performance score information in e-tool/CiNET.

3.3. CAPACITY (30 points): list all information requested below

3.3.1. Bid Capacity (0-25 points): The bidder shall be awarded maximum of 25 points based on following criteria. The score for this parameter shall be auto-generated from e-tool based on the information updated by the bidder with e-tool/CiNET:

Parameter	Levels of achievement	Score
Bid Capacity	<input checked="" type="checkbox"/> Bid Capacity \geq quoted bid	<input type="checkbox"/> 25
	<input checked="" type="checkbox"/> Bid Capacity is between 80-100% quoted bid	<input type="checkbox"/> 20
	<input checked="" type="checkbox"/> Bid Capacity is between 60-80% quoted bid	<input type="checkbox"/> 15
	<input checked="" type="checkbox"/> Bid Capacity is between 40-60% quoted bid	<input type="checkbox"/> 10
	<input checked="" type="checkbox"/> Bid Capacity < 40% quoted bid	<input type="checkbox"/> 0

The Bid Capacity is calculated using the following formula Bid Capacity= $2 \times A \times N - B$

Section IV. Evaluation and Qualification Criteria

37

- Where A = Average turnover of the contractor over the last 3 calendar years
 N = Estimated duration of the project to be tendered
 B = Portion of other ongoing works to be completed in the period that overlaps with the current project's duration (that is, N)

The bidder shall be responsible for updating the above information in e-tool/CiNET.

3.3.2. Credit Line available (unused) (0-5 points): The Bidder shall demonstrate that it has access to lines of credit sufficient to meet the construction cash flow requirements estimated as **Nu 6.56 Million** for the contract.

The employer shall award points based on following criteria:

Parameter	Level of achievement	Score
Credit Line Available (unused)	<input checked="" type="checkbox"/> ≥100% of estimated 3 months project cash flow	<input type="checkbox"/> 5
	<input checked="" type="checkbox"/> 80-100% of estimated 3 month project cash flow	<input type="checkbox"/> 4
	<input checked="" type="checkbox"/> 60-80% of estimated 3 month project cash flow	<input type="checkbox"/> 2
	<input checked="" type="checkbox"/> <60% off estimated 3 month project cash flow	<input type="checkbox"/> 0

The Bidder shall provide following details in the relevant Forms included in Section V, Bidding Forms

- The Bidder shall submit from the bank or financial institutions in Bhutan showing evidence of access to or availability of credit line for the project using relevant form.

4. Minimum Technical Score

A bidder should obtain a score of at least **70** points out of 100 on these parameters (Capability & Capacity combined) in order to qualify for the award stage.

- Award:** The bids scoring minimum qualifying score of 70 points out of 100 will then be evaluated on a set of price preference parameters and financial parameters. The price preference parameter will account for a weight of 10% while the financial parameter (which is linked to the financial bid submitted by the contractor) account for a weight of 90% in the overall score.

5.1. Status (Incorporated, JV or Proprietorship) (0-40 points): The contractor shall be evaluated based on the following criteria:

Parameter	Level of achievement	Score
Status (incorporated, JV or Proprietorship)	▪ Incorporated Company bidding alone	▪ 40
	▪ Incorporated Company bidding as lead partner (>50% stake) in a bid by a joint venture	▪ 20
	▪ Incorporated Company as non-lead partner (<50% stake) in a bid by a joint venture	▪ 10
	▪ Any other (proprietorship, partnership, etc.)	▪ 0

The Bidder shall provide following details in the relevant Forms included in Section V, Bidding Forms:

- Copy of the certificate of incorporation along with updated CDB registration certificate, in case an incorporated company bidding alone.
- Joint-venture agreement between the contractor involved and copy of the certificate

of incorporation along with updated CDB registration certificate for the incorporated partner, in case two or more contractors are bidding together in a joint venture.

- 5.2. **Employment of Bhutanese (0-60 points):** The contractor shall be evaluated based on the following criteria.

Parameter	Level of achievement	Score
Employment of Bhutanese	<input checked="" type="checkbox"/> $\geq 100\%$ Project workforce to be Bhutanese	<input type="checkbox"/> 60
	<input checked="" type="checkbox"/> 80-100% Project workforce to be Bhutanese	<input type="checkbox"/> 40
	<input checked="" type="checkbox"/> 60-80% Project workforce to be Bhutanese	<input type="checkbox"/> 20
	<input checked="" type="checkbox"/> $<60\%$ Project workforce to be Bhutanese	<input type="checkbox"/> 0

The Bidder shall provide following details in the relevant Forms included in Section V, Bidding Forms:

1. Provide a list of proposed Bhutanese to be committed for the Project: **Minimum 20.**

5.3. Award of Work:

The overall price preference – financial score is obtained by using the following formula for any qualified contractor (x):-

$$\begin{aligned}
 & \text{(Lowest quoted bid among qualifying bids)} \\
 & 90\% X \dots\dots\dots + 10\% \text{ of the Preference Score of } x \\
 & \text{Financial bid quoted by } x
 \end{aligned}$$

The contractor getting the highest overall price preference-financial score shall be recommended for the award of the work.

SECTION V. BIDDING FORMS

TABLE OF FORMS

1. Contractor's Bid	40
2. Bill of Quantities	42
3. Form of Bid Security (Bank Guarantee)	44
4. Bidder Information Form.....	45
5. Bidder's JV Information Form.....	46
6. Access to Adequate Equipment (Owned or Hired):	47
7. Availability of Skilled Manpower:	47
8. Access to or Availability of Credit Line.....	48
9. Price Preference Parameters: List All Information Requested Below	50
10. Integrity Pact.....	51
11. Letter of Intent	54

1. Contractor's Bid

Notes on Form of Contractor's Bid

The Bidder shall fill in and submit this Bid form with the Bid.

[date]

Identification No. and Title of Contract:

To:

Having examined the all the Bidding Documents (with reference ITB 7), including addenda [.....], we offer to execute the [.....] 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 3.3;

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 3.4.

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:



Name and Title of Signatory:

Name of Bidder:

Address:

2. (a) Bill of Quantities

Notes on the Bill of Quantities

Objectives

The objectives of the Bill of Quantities are:

- (a) to provide sufficient information on the quantities of Works to be performed to enable Bids to be prepared efficiently and accurately; and
- (b) When a Contract has been entered into, to provide a priced Bill of Quantities for use in the periodic valuation of Works executed.

In order to attain these objectives, Works should be itemized in the Bill of Quantities in sufficient detail to distinguish between the different classes of Works, or between Works of the same nature carried out in different locations or in other circumstances which may give rise to different considerations of cost. Consistent with these requirements, the layout and content of the Bill of Quantities should be as simple and brief as possible.

Day work Schedule

A Day work Schedule should be included only if the probability of unforeseen work, outside the items included in the Bill of Quantities, is high. To facilitate checking by the Employer of the realism of rates quoted by the Bidders, the Day work Schedule should normally comprise the following:

- (a) A list of the various classes of labour, materials and Constructional Plant for which basic Day work rates or prices are to be inserted by the Bidder, together with a statement of the conditions under which the Contractor will be paid for work executed on a Day work basis.
- (b) Nominal quantities for each item of Day work, to be priced by each Bidder at Day work rates as Bid. The rate to be entered by the Bidder against each basic Day work item should include the Contractor's profit, overheads, supervision and other charges.

Provisional Sums

A general provision for physical contingencies (quantity overruns) may be made by including a provisional sum in the Summary Bill of Quantities. Similarly, a contingency allowance for possible price increases should be provided as a provisional sum in the Summary priced Bill of Quantities. The inclusion of such provisional sums often facilitates budgetary approval by avoiding the need to request periodic supplementary approvals as the future need arises. Where such provisional sums or contingency allowances are used, the Special Conditions of Contract should state the manner in which they will be used, and under whose authority (usually the Project Manager's).

The estimated cost of specialized work to be carried out, or of special goods to be supplied, by other contractors (refer to Clause 8 of the General Conditions of Contract) should be indicated in the relevant part of the Bill of Quantities as a particular provisional sum with an appropriate brief description. A separate procurement procedure is normally carried out by the Employer to select such specialized contractors. To provide an element of competition among the Bidders in respect of any facilities, amenities, attendance, etc., to be provided by the successful Bidder as prime Contractor for the use and convenience of the specialist contractors, each related provisional sum should be followed by an item in the Bill of Quantities inviting the Bidder to quote a sum for such amenities, facilities, attendance, etc.

These Notes for Preparing a Bill of Quantities are intended only as information for the Employer or the person drafting the Bidding Documents. They should not be included in the final documents.

2. (b) Bill of Quantities

BILL OF QUANTITIES

Civil works

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
A		SALES BUILDING					
		BELOW PLINTH LEVEL					
1	CG0002	Clearing jungle including uprooting of vegetation and trees of girth < 300mm and disposal within 50m of the site	1,075.00	m ²			
2	EW0106	Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 m ² on plan, including dressing and ramming, disposal of surplus soil within 50m lead and 1.5m lift - Hard Soil	75.19	m ³			
3	EW0195	Filling of trenches, sides of foundations, etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m and lift 1.5m.	25.06	m ³			
4	SM0072	Providing and laying hand packed stone filling or soling with stone. 150mm thick.	8.33	m ³			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
5	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement: 2 sand: 4 graded crushed rock 20 mm nominal size)	5.25	m ³			
6	SM0006	Providing and laying Random Rubble Masonry with hard stone in foundation and plinth in CM 1:4	20.07	m ³			
7	RC0002	Providing and laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement. all work up to plinth level 1:1.5:3 (1 cement: 1.5 sand: 3 graded crushed rock 20 mm nominal size)	9.05	m ³			
8	RC0083	Providing and fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	905.55	Kg			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
		ABOVE PLINTH LEVEL					
9	RC0010	Providing and laying in position reinforced cement concrete work in plinth and skirting courses, fillets, columns , pillars, posts and struts up to floor five level excluding the cost of centering, shuttering and reinforcement. 1:1.5:3 (1 cement: 1.5 sand: 3 graded crushed rock 20 mm nominal size)	5.05	m ³			
10	RC0018	Providing and laying in position reinforced cement concrete work in beams, lintels, bands, plain window sills, staircases, spiral staircases up to floor five level excluding the cost of centering, shuttering and reinforcement 1:1.5:3 (1 cement: 1.5 sand: 3 graded crushed rock 20 mm nominal size)	12.59	m ³			
11	RC0083	Providing and fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	2,902.52	kg			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
12	DR0001	Providing and laying 50mm thick Plinth Protection and grouted with fine sand mix including well rammed, finishing the top smooth With cement concrete 1:3:6, 20mm aggregates, laid over 75mm thick layer of compacted gravel (40mm)	42.96	m ²			
13	DR0012	Constructing second class brick masonry open surface drain in cement mortar 1:4 including earth work in excavation 100 mm thick concrete bed 1:5:10, 40mm aggregate and 25mm thick cement concrete 1:2:4, 12 mm aggregate for filling haunches including 12mm cement plastering 1:4 with a floating coat of neat cement and disposal of surplus earth etc. complete 250mm x 300mm depth	45.00	m			
14	SW0021	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and applying primer coat of red. In Tees, angles, flats and channels 65x65x6mm MS angle and grill at windows.	522.00	kg			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
15	RC0083	Providing and fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for drain cover work including cutting and welding to MS angle and placing in position complete 25mm (80mm c/c spacing).	503.47	kg			
16	WW0410	Providing and fixing Flush doors, with horizontal single lock rail and stile including SS hinges mortices lock, tower bolt, handle, aldrop, etc. complete as per the drawing. D1. Brand Gordej/Ozone	4.00	Nos			
17	SW0035	Providing and fixing in position including applying an Aluminium Rolling shutters, including all accessories complete including top cover and applying a priming coat of red lead paint and two coat of emulsion paint. (1500X2100mm) as per the drawing	1.00	Nos			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
18	SW0046	Providing and fixing anodized Aluminium sliding windows specified sections including all accessories such as U-rubber gasket for fixing glass panes, weather strips or weather seals, roller, springs, locks, screws, etc. complete including 6 mm plain glass as per the drawing					
a		W2	3.00	Nos.			
b		W3	2.00	Nos.			
c		FGW	1.00	Nos.			
d		FGW + SGD (FGW + SGD with complete accessories)	1.00	Nos.			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
19	WW030 0	Providing and fixing in position dressed wood work in frames of doors, windows, clerestory windows and other frames, wrought and framed Mixed Conifer complete including Horzhu, kachung, jokshing, etc. as per the drawing					
a		W2	3.00	Nos.			
b		W3	2.00	Nos.			
c		FGW	1.00	Nos.			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
d		FGW + SGD (FGW + SGD with complete accessories)	1.00	Nos.			
20		Bhutan type Traditional Cornices in R.C.C 1:1.5:3, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3, including reinforcement (Measurement to be taken along the cornice and wall junction)					
a	RC0030	Single Storied building, including Phana as per the drawing	10.00	m			
b	RC0034	Lintel Cornice (only cornice portion at external face)	13.45	m			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
21		Bhutan type Traditional Drey Zhu, gyetsa in R.C.C 1:1.5:3, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3, including reinforcement as per the drawing	4.00	Nos.			
22	SW0022	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and appl. priming coat of red In Tubular sections (medium grade).	3,412.12	Kg			
23	RF0003	Providing and fixing Pre Painted Steel Corrugated Roofing sheets, including self-tapping roofing screw. 25g (0.50mm). (Overlapping shall not be considered for the measurement). Brand TATA Durashine Nuvo Blue colour.	98.04	m ²			
24	RF0007	Providing and fixing 600mm ridges or hips in Pre Painted Steel sheets, including self-tapping roofing screw. 25g (0.50mm). (Overlapping shall not be considered for the measurement). Brand Tata, Jindal, CRIL only	12.90	m			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
25	WW0030	Providing and fixing Eaves board (225x25mm) with moulding fitted and fixed with necessary screws Mixed Conifer	40.60	m			
26	RF0010	Providing and fixing 450mm over all semi-circular plain G.I gutter, including brackets, bolts, nuts, washers and rain water pipes connections. 24g sheet	40.60	m			
27	SM0072	Providing and laying hand packed stone filling or soling with stone -150mm thick	6.34	m ³			
28	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level 1:1.5:3 (1 cement: 1.5 sand: 3 graded crushed rock 20 mm nominal size)	4.22	m ³			
29	DP0015	Applying DPC a coat of hot bitumen (maxphalt) 80\100 or equivalent using 1.7 kg per m ² including the surface cleaning	42.24	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
30	GL0009	Providing and fixing white/coloured glazed tiles in flooring, treads of steps and landings laid on bed of 12mm thick cement mortar 1:3 finished with flush pointing in white cement. 600X600mm	39.69	m ²			
31	GL0009	Providing and fixing white/coloured glazed tiles in flooring, treads of steps and landings laid on bed of 12mm thick cement mortar 1:3 finished with flush pointing in white cement. 300X300mm	15.74	m ²			
32	GL0001	Providing and fixing white/coloured Glazed tiles, 100 mm height in skirting finished with flush-pointing in white cement	2.59	m ²			
33	FL0150	Providing and laying marble stone flooring over 20mm thick base of cement mortar 1:4, jointed with grey cement slurry mixed with pigment where necessary, rubbing and polishing complete 20mm thick marble. (Electrical Room, steps and ramp)	8.74	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
34	FL0170	Extras for Marble stone flooring. Marble stone flooring for laying in steps and ramps.	4.94	m ²			
35	BW0002	Providing and laying Second-Class Brick work at all level. In cement mortar 1:4	12.37	m ³			
36	BW0021	Providing and laying Second-Class Half-brick Masonry (125 mm) in superstructure below floor 2 level In cement mortar 1:4	50.48	m ²			
37	PL0021	Providing and laying 12mm cement plaster C.M 1:4	202.02	m ²			
38	PL0011	Providing and laying 6mm cement plaster in ceilings. C.M 1:4	21.38	m ²			
39	PL0125	Providing and applying putty of thickness 2mm or more over plastered surface to prepare the surface even and smooth complete.	223.40	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
40	WW012 1	Providing and fixing 8mm bison panel (pre-laminated both sides for ceiling lining with necessary screws, covering screw head with putty and painting, etc. including finishing of joints smooth complete, including Mixed Conifer (undressed) in frames.	76.88	m ²			
41		Providing and applying one coat of primers					
a.	PT0010	Cement primer. Brand Asian/Nerolac only	223.40	m ²			
b.	PT0012	Wood work - pink primer. Brand Brand Asian/ Nerolac only. only	61.55	m ²			
42		Providing and applying finishing coat					
a.	PT0048	High gloss synthetic enamel\for steel and wood work, two coats on new work. Brand Brand Asian/ Nerolac only. only	61.55	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
b.	PT0053	Interior/Exterior Acrylic emulsion, two coat. Brand Brand Asian/ Nerolac only. only	223.40	m ²			
43	PT0110	Providing, preparing and applying Sumdang washable painting Rab complete as per the drawing (cornices)	23.45	m ²			
44	PT0111	Providing, preparing and applying Sumdang washable painting Rab complete as per the drawing Kachen (zhu, etc.)	3.00	Nos.			
45		Providing and fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork					
a.	RC0092	Beam	61.20	m ²			
b.	RC0090	Footing	19.20	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
c.	RC0093	Column	59.60	m ²			
d.	RC0095	slab	21.50	m ²			
		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply, including all CPVC plain and brass threaded fittings, including fixing the pipe with clamps at 1m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making the good walls etc.					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
46	PI0316	20 mm nominal outer Ø Pipes	40.00	m			
47	PI0302	25 mm nominal outer Ø Pipes	20.00	m			
48	PO0015	Providing and laying H.D.P.E pipes, 10 PN, including H.D.P.E fittings (excluding trenching, refilling and thrust block). 25mm	500.00	m			
49	PI0032	Providing and fixing HDPE storage tank (triple layer) including all accessories such as auto valve, tank nipple, etc. complete 1000 litre capacity. Brand Bhutan Pipes, Plasto, Rabten, Syntex only.	2.00	each			
50		Providing and fixing 0.5 HP water pump complete with sensor. Brand Kirloskar/Crompton/Grundfos only.	1.00	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
51	PI0050	Providing and fixing European-type vitreous china w.c pedestal including seat and lid with c.p brass hinges, 15 lit white vitreous china low level cistern, fittings, brackets, repair walls, white, with plastic seat and lid. Jaquar, Hindware, Parryware or Cera only.	2.00	each			
52	PI0065	Providing and fixing white vitreous china flat back, lipped front urinal basin 430x260x350mm including C.I cistern and fittings, brackets, G.I. flush pipe and spreaders, brass unions, G.I. clamps, painting, repair walls, One bowl-5 litres. C.I. cistern. Jaquar, Hindware, Parryware or Cera only.	2.00	each			
53	PI0088	Providing and fixing white vitreous china wash basin, including C.I brackets, 15mm C.P. brass pillar taps, c.p. chain and rubber plug, 32mm PVC waste, 32mm Ø. trap and union, repair walls Flat back wash basin 550x400mm with single 15mm c.p. brass pillar tap. Brand Jaquar, Hindware, Parryware or Cera only.	3.00	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
54	PI0120	Providing and fixing Kitchen Sinks including all connections and fittings. Jaquar, Hindware, Parryware or Cera only	1.00	each			
55	PI0250	Providing and fixing 600x450mm bevelled edge mirror (superior glass), 5.5 mm thick	2.00	each			
56	PI0260	Providing and fixing toilet paper holder C.P. brass	2.00	each			
57	PO0360	Providing and fixing Nahani trap,	2.00	each			
58	PO0370	Providing and fixing P.V.C soil waste and vent pipes, single or double socketed, including pipe clip complete (including the cost of PVC fittings, bend socket, etc.as required) 75mm Ø.	15.00	m			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
59	PO0372	Providing and fixing P.V.C soil waste and vent pipes, single or double socketed, including pipe clip complete (including the cost of PVC fittings, bend socket, etc.as required) 110mm Ø	10.00	m			
60	PO0417	Providing and fixing P.V.C door bend 110mm Ø	2.00	each			
61	PI0186	Providing and fixing CPVC stop cock	5.00	each			
62	PI0207	Providing and fixing c.p. brass bibcock 15mm, long nose, c.p. knob. Jaquar, Hindware, Parryware or Cera only.	3.00	each			
63	PI0275	Providing and fixing soap tray with necessary screws	2.00	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
64	PI0186	Providing and fixing SS angular cock. 15mm. Brand Jaquar/Hindware.	2.00	each			
65	PI0187	Providing and fixing SS health faucet 15mm Ø Brand Jaquar/Hindware	2.00	each			
66		Providing and fixing Grab Bar Grab Bar 692 mm Long, Satin product code: WAC-SAP-BR0600CS product range: accessories (for disable-friendly bathroom). Brand Hindware/Jaquar only as per drawing	2.00	each			
67	RF0190	Providing and fixing on wall face single socketed rigid PVC (Working Pressure 4kgf per cm ²) rain water pipes including jointing with seal ring leaving 10 mm gap for thermal expansion-complete 75mm Ø	20.00	m			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
68	PO0621	Constructing Septic Tanks, in 2nd class brick masonry in cement mortar 1:4, including fittings, C.I cover with frame, 40mm thick concrete flooring (40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design 25 users, complete as per drawing	1.00	each			
69	PO0601	Constructing Soak Pit Size 2500 Ø. x 3000mm depth including 450x450mm dry brick honeycomb shaft and SW drain pipe X 1800mm long complete as per drawing	1.00	each			
TOTAL							
B		PUMP ISLAND					
1	EW0031	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 m ² on plan, including disposal of excavated earth within 50m lead and 1.5m lift and disposed soil to be neatly dressed, Hard Soil	9.45	m ³			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
2	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m and lift 1.5m	3.15	m ³			
3	SM0072	Filling of trenches, sides of foundations etc. in layers <200mm using sand, ramming etc. within lead 50 m and lift 1.5m.	1.08	m ³			
4	BW0002	Providing and laying Second-Class Half-brick Masonry (125 mm) in superstructure below floor 2 level	24.00	m ²			
5	SW0020	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and applying priming coat of red. Sheet/solid/RS Joist, MS Frame as per the drawing	26.75	kg			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
6	SW0110	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, including welding, grinding, buffing, polishing and making curvature (wherever required) and fittings the same with necessary stainless steel nuts and bolts complete, including fixing railing with necessary accessories and stainless steel dash fasteners, stainless steel bolts etc., of required size on the top of the floor or the side of waist slab with suitable arrangement as per approval of engineers in charge.(Crash barrier for DU)	40.00				
7		Installation of Dispensing Unit (DU), with necessary fitting connecting DU with the UG tanks with heavy duty MS pipe. (DU provided by STCB)	2.00	No.			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
8	FL0175	Providing and laying Pre-Polished/ Polished Granite of approved quality and source in flooring using necessary cement bedding in C.M. 1:4 up to 20 mm thick average cement slurry for fixing the tiles with required slopes, curing, cleaning, filling the joints with pigments of similar colour and at all levels with all leads and lifts etc. complete as per directions of site in-charge and as per pattern required, 18mm Thick granite stone flooring over 18mm thick base of cement mortar 1:4.	14.94	m ²			
TOTAL							
C		FOOTING WORKS					
	i.	Canopy					
1	EW0031	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 m ² on plan, including disposal of excavated earth within 50m lead and 1.5m lift and disposed soil to be neatly dressed, Hard Soil	46.55	m ³			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
2	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m and lift 1.5m	15.52	m ³			
3	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level.1:3:6 (1 cement: 3 sand: 6 graded crushed rock 20mm).	2.12	m ³			
4	RC0002	Providing and laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement - all, 1:1.5:3 (1 cement: 1.5 sand: 3 graded crushed rock 20 mm nominal size) work up to plinth level	7.40	m ³			
5	RC0002	Providing and laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement - all, 1:1.5:3 (1 cement: 1.5 sand: 3 graded crushed rock 20 mm nominal size) work up to plinth level	2.88	m ³			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
6	RC0083	Providing and fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	705.38	kg			
7	RC0090	Providing and fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork	31.04	m ²			
8	SW0020	Steel work welded, in built up sections solid anchor bolt 25mm and complete as per the drawing including 2 Nuts and washer	32.00	Nos			
TOTAL							
	ii.	Pylon Footing					
1	EW0031	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 m ² on plan, including disposal of excavated earth within 50m lead and 1.5m lift and disposed soil to be neatly dressed. Hard Soil	9.11	m ³			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
2	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m and lift 1.5m	3.04	m ³			
3	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level.1:3:6 (1 cement: 3 sand: 6 graded crushed rock 20mm).	0.41	m ³			
4	RC0002	Providing and laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement - all, 1:1.5:3 (1 cement: 1.5 sand: 3 graded crushed rock 20 mm nominal size) work up to plinth level	2.34	m ³			
5	RC0083	Providing and fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	203.12	kg			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
6	RC0090	Providing and fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork	7.36	m ²			
7	SW0020	Steel work welded, in built up sections solid anchor bolt 25mm and complete as per the drawing including 2 Nuts and washer	8.00	Nos			
TOTAL							
	iii.	Yard Light Footings					
1	EW0046	Earth work in excavation over areas by Dozer or any earth moving equipment including levelling and dressing. Hard Soil	21.60	m ³			
2	CW0005	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level.1:3:6	1.50	m ³			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
3	RC0002	Providing & laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement - all work up to plinth level. (footing)	5.04	m ³			
4	RC0093	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork Columns, pillars, post, struts etc.	31.20	m ²			
5	RC0083	Providing & fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	3,046.80	kg			
6		Providing and laying Anchor bolt with nut and washer complete as per the drawing	60.00	each			
		TOTAL					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
D		CHAMBERS					
1	DR0105	Constructing Brick masonry manhole in cement mortar 1:5, foundation concrete 1:4:8 40mm aggregates, 12mm plaster in CM 1:3 finished with floating coat of neat cement and making channels in cement concrete 1:2:4 20mm aggregates, neatly finished complete Inside dimension 600 x 600mm and 600mm deep including C.I. cover and frame (weight >38 kg)	2.00	Nos			
2	DR0106	Constructing Brick masonry manhole in cement mortar 1:5, foundation concrete 1:4:8 40mm aggregates, 12mm plaster in CM 1:3 finished with floating coat of neat cement and making channels in cement concrete 1:2:4 20mm aggregates, neatly finished complete Inside dimension 1000 x 700mm and 600mm deep including MS cover and frame complete as per drawing	1.00	Nos			
TOTAL							

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
E.		WATER FILTER SHED					
1	EW0031	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 m ² on plan, including disposal of excavated earth within 50m lead and 1.5m lift and disposed soil to be neatly dressed, Hard Soil	0.09	m ³			
2	BW0002	Providing and laying Second-Class Half-brick Masonry (125 mm) in superstructure below floor 2 level	3.15	m ²			
3	RC0083	Providing and fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	6.12	kg			
4	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level.1:2:4 (1 cement: 2 sand: 4 graded crushed rock 20 mm nominal size)	0.24	m ³			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
5	SW0020	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and applying priming coat of red. Sheet/solid/RS Joist as per the drawing including hook and eave board	48.05	kg			
6	RF0003	Providing and fixing Pre Painted Steel Corrugated Roofing sheets, including bolts, hooks and nuts 8mm Ø with bitumen and G.I limpet washers filled with white lead for connection, excluding the cost of purlins, rafter and trusses. 24g (0.60mm). Brand Tata Durashine Nuvo Blue colour.	1.92	m ²			
7	GL0009	Providing and fixing white/ coloured glazed tiles in flooring, treads of steps and landings laid on bed of 12mm thick cement mortar 1:3 finished with flush pointing in white cement: for 300 x 300 mm	0.91	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
8	FL0175	Providing and laying Pre-Polished/ Polished Granite of approved quality and source in flooring using necessary cement bedding in C.M. 1:4 up to 20 mm thick average cement slurry for fixing the tiles with required slopes, curing, cleaning, filling the joints with pigments of similar colour and at all levels with all leads and lifts etc. complete as per directions of site in-charge and as per pattern required, 18mm Thick granite stone flooring over 18mm thick base of cement mortar 1:4.	2.75	m ²			
		Total:					
F.		DECANTING SHED					
1	EW0031	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 m ² on plan, including disposal of excavated earth within 50m lead and 1.5m lift and disposed soil to be neatly dressed. Hard Soil	0.18	m ³			
2	BW0002	Providing and laying Second-Class Half-brick Masonry (125 mm) in superstructure below floor 2 level	4.80	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
3	PL0031	Providing and laying 15mm cement plaster on rough side of single or half-brick wall C.M 1:4	9.60	m ²			
4	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level.1:2:4 (1 cement: 2 sand: 4 graded crushed rock 20 mm nominal size)	0.63	m ³			
5	SM0070	Providing and laying Hammer dressed dry stone soling	0.45	m ³			
6	SW0020	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and applying priming coat of red. Sheet/solid/RS Joist as per the drawing including hook and eave board	165.48	kg			
7	RF0003	Providing and fixing Pre Painted Steel Corrugated Roofing sheets, including bolts, hooks and nuts 8mm Ø with bitumen and G.I limpet washers filled with white lead for connection, excluding the cost of purlins, rafter and trusses. 24g (0.60mm). Brand Tata Durashine Nuvo Blue colour.	6.64	m ²			
TOTAL							

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
G.		SAND BUCKET SHED					
1	EW0031	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 m ² on plan, including disposal of excavated earth within 50m lead and 1.5m lift and disposed soil to be neatly dressed, Hard Soil	0.06	m ³			
2	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level.1:2:4 (1 cement: 2 sand: 4 graded crushed rock 20 mm nominal size)	0.18	m ³			
3	SW0020	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and applying priming coat of red. Sheet/solid/RS Joist as per the drawing including hook and MS fire extinguisher holder	47.23	kg			
4	RF0003	Providing and fixing Plaint sheet (0.5mm thick)	2.64	m ²			
TOTAL							

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
H.		Firefighting and Safety Equipment					
1		Providing and installing Pressurized extinguisher of 9 kg capacity (ABC type) MAP 50.	8.00	each			
2		Providing and installing CO2 fire extinguisher 4.5 kg.	2.00	each			
3		Providing and installing 5L 4 nos. Sand Buckets with red primer and Red enamel paint 2 coats. Sample is Ramtokto FRO.	2.00	each			
4		Providing and installing cylindrical SS dustbin 300mm Ø 900mm height. Sample is Ramtokto FRO.	5.00	each			
5		Providing and installing sign board (no parking, parking, U-Turn allowed, pump ahead 50m, etc.). Sample is Ramtokto FRO and must consult site engineer.	6.00	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
6		Providing and fixing round pipe road delineators 50mm Ø 600mm length with three band 75mm wide 3M reflector red, yellow and white colour with welded net frame at top placed on at least 10 m interval with PCC block 1:3:6 including excavation of pit.	10.00	each			
		Total:					
I.		RCC SHEAR WALL					
1	EW0031	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 m ² on plan, including disposal of excavated earth within 50m lead and 1.5m lift and disposed soil to be neatly dressed. Hard Soil	302.65	m ³			
2	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m and lift 1.5m.	100.88	m ³			
3	SM0072	Providing and laying hand packed stone filling or soling with stone	35.67	m ³			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
4	CW0008	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level. 1:4:8 (1 cement: 4 sand: 8 graded crushed rock 20 mm nominal size) - in the wall foundations the as per the drawing.	23.78	m ³			
5	RC0007	Providing and laying in position reinforced cement concrete work in walls (any thickness) including attached pilasters buttresses, piers, abutments etc. up to floor five level excluding the cost of centering, shuttering and reinforcement. 1:2:4 (1 cement: 2 sand: 4 graded crushed rock 20 mm nominal size).	207.13	m ³			
6	RC0083	Providing and fixing Thermo Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	5,554.79	kg			
7	RC0091	Providing and fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork	722.72	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
8	PO0049	Providing and laying H.D.P.E Pipes, 4 PN with slope 2%. 90mm as weep hole.	63.25	m			
		Total:					
J.		Underground Tanks Works					
2	EW0031	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 m ² on plan, including disposal of excavated earth within 50m lead and 1.5m lift and disposed soil to be neatly dressed, Hard Soil. Excavation of the pits shall be in solid volume and extra space created for working shall not be paid.	247.50	m ³			
3	EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m and lift 1.5m.	114.94	m ³			
5	SM0072	Providing and laying Hand packed stone filling or soling with stones	8.44	m ³			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
6	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level.1:4:8 (1 cement: 4 sand: 8 graded crushed rock 20 mm nominal size)- in the wall foundations the as per the drawing .	6.21	m ³			
7	RC0002	Providing and laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement - all work up to plinth level. 1:1.5:3 (1 cement: 1.5 sand: 3 graded crushed rock 20mm).	16.88	m ³			
8	RC0083	Providing and fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete	1,461.50	kg			
9	RC0090	Providing and fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork. Foundation and plinth etc.	15.04	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
10	BW0002	Providing and laying second-class brick work in super structure above plinth level in cement mortar 1:4	0.75	m ³			
11	PL0070	Providing and laying cement plaster, finished with floating coat of neat cement, 12mm plaster in C.M 1:3	37.20	m ²			
12	SW0020	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and applying priming coat of red. Sheet/solid/RS Joist as per drawings. Brand Jindal/Tata/Apollo.	176.00	kg			
13	PT0010	Providing and applying one coat of primers. Brand Asian/ Nerolac only..	36.03	m ²			
14	PT0049	Providing and applying finishing coats, Synthetic Enamel, two coat, (INT). Brand Asian/ Nerolac only.	36.03	m ²			
15		Supplying, fixing and laying tank manhole with frame and gasket 900 mm Ømeter Circular Manhole Cover Air tight and water tight	4.00	No.			
16		Supplying and applying ShaliJet Primer 20 litre bucket 2 coats	4.00	bucket			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
17		Supplying and applying ShaliMastic HD 20 litre bucket 2 coats	16.00	bucket			
18		Performing Hydraulic test for water tank at site filling with water. (required 5 HP water pump at site)	2.00	No.			
		Total:					
K.		Pipeline Works					
1	EW0031	Earth work in excavation over Trenches for cable and pipeline	50.00	m ³			
2	EW0195	Filling of trenches, sides of foundations etc. in 2 layers using crusher sand for first half and selected excavated earth, ramming etc. for second half.	50.00	m ³			
3		Supplying, fixing and laying welded Heavy duty MS pipe, PL 2 inch Ø (vent and Dip line). Jindal and litharge(lead oxide) paste to be used at the joints	100.00	m			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
4		Supplying, fixing and laying welded Heavy duty MS pipe, PL 3 "Ø product line). Jindal and litharge(lead oxide) paste to be used at the joints	75.00	m			
5		Supplying, fixing and laying Slip on Flange 2" Ø Jindal/TATA/APOLLO.	20.00	No.			
6		Supplying, fixing and laying Slip on Flange 3" Ø Jindal/TATA/APOLLO.	20.00	No.			
7		Supplying, fixing and laying MS Socket 3" Ø Jindal/TATA/APOLLO.	10.00	No.			
8		Supplying, fixing and laying MS Socket 2" Ø Jindal/TATA/APOLLO.	15.00	No.			
9		Supplying, fixing and laying MS Elbow 3" Ø Jindal/TATA/APOLLO.	10.00	No.			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
10		Supplying, fixing and laying MS Elbow 2" Ø Jindal/TATA/APOLLO.	15.00	No.			
11		Supplying, fixing and laying MS TEE 3" Ø Jindal/TATA/APOLLO.	3.00	No.			
12		Supplying, fixing and laying MS TEE 2" Ø Jindal/TATA/APOLLO.	3.00	No.			
13		Providing and applying Glycerine	2.00	L			
14		Supplying and applying lead oxide (Litharge)	5.00	kg			
15		Steam jointing (Gasket 5ftX10ft)	3.00	Nos.			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
16		Nut Bolt and washer 5/8" x 2"	50.00	Nos.			
17		Supplying, fixing and laying Aluminium Fill cap	5.00	No.			
18		Supplying, fixing and laying Aluminium Dip cap	5.00	No.			
19		Supplying, fixing and laying Tee vent hood	3.00	No.			
20		Supplying, fixing and laying Pressure vacuum valve	3.00	No.			
		Supplying, fixing and laying Ball Valve 2"	5.00	No.			
		Total:					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
L.		DG set Foundation					
1	EW0030	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 m ² on plan, including disposal of excavated earth within 50m lead and 1.5m lift and disposed soil to be neatly dressed. Ordinary Soil	1.73	m ³			
2	SM0072	Providing and laying Hand packed stone filling or soling with stones.	0.43	m ³			
3	SM0072	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level 1:2:4 (1 cement: 2 sand: 4 graded crushed rock 20 mm nominal size)	1.73	m ³			
4	RW0330	Providing and fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork- Foundation and plinth etc.	4.26	m ²			
		Total:					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
M.		TRANSPORATION:					
1		Transportation of materials from Siliguri to Site.	8.00	trips			
N.		DRIVEWAY WORKS					
1	EW0030	Earth work in excavation over areas, depth >300mm, width >1.5m, area >10 m ² on plan, including disposal of excavated earth within 50m lead and 1.5m lift and disposed soil to be neatly dressed. Ordinary Soil	216.63	m ³			
2	RW0121	Preparation of sub grade with proper camber by excavating earth to depth equal to pavement thickness, consolidation with roller, disposal of surplus earth up to 50m. All kinds of soil. 100mm thick	133.52	m ³			
3	RW0123	Consolidation of sub-grade with roller, and making good the undulation with earth and re-rolling the sub grade	1,335.18	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
4	RW0330	Providing and laying factory made kerb stone (Edging) in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (Length and Depth/height of finished kerb edging shall be measured for payment. 450x300x150mm thick	20.60	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
5	RW0300 /1	Providing and laying factory made Cement Concrete paver blocks M40 in footpath, parks, lawns, drive ways or light traffic parking etc., of required strength, thickness and size/ shape, laid in required colour and pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand, PCC 1:2:4 at required area and maintain slope, etc. complete all as per direction of Engineer-in-Charge. Interlocking Paver Block (Zig Zag) M40 80mm Thick. Red and Ash Grey Colour in 2 rows in 1:1 ratio.	652.68	m ²			
6	PT0010	Providing and applying one coat of primers. Cement primer	41.19	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
7	PT0052	Providing and applying finishing coats. Vinyl plastic emulsion paint, for cement, masonry, plaster, two coats on new work. Ox Blue and white 300mm strip. Brand Asian paints/Nerolac Paints only.	41.19	m ²			
8	PT0052	Providing and applying finishing coats. Acrylic emulsion paint, for cement, masonry, plaster, two coats on new work. Ox Blue and white 300mm strip. Brand Asian paints/Nerolac Paints only.	41.19	m ²			
9	RC0002	Providing and laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement - all work up to plinth level. 1:1.5:3 (1 cement: 1.5 sand: 3 graded crushed rock 20 mm nominal size) 100mm thick with expansion gap 5mm at every 5 m square interval. No formwork is needed for this job.	102.38	m ³			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
10	RC0083	Providing and fixing Thermo-Mechanically Treated reinforcement bar (Yield Strength 500 MPa) for R.C.C work including cutting, bending, binding and placing in position complete. 1 layer 8mm ϕ @200mm c/c 150mm thick.	2,916.30	kg			
11		Providing expansion joints and filling or fixing in position in expansion joints Bitumen mix filler of proportion 80 kg of hot bitumen, 1 kg of cement and 0.25 m ³ of sand.	0.30	m ³			
		Total:					
O.		BOUNDARY FENCING WORKS					
1	CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work up to plinth level. 1:2:4 (1 cement: 2 sand: 4 graded crushed rock 20 mm nominal size)	3.63	m ³			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
2	RC0092	Providing and fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork. Lintels, beams, girders, bresummers, cantilevers etc. Formwork should be of waterproof ply board 8mm minimum thickness.	16.88	m ²			
3	SW0021	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and applying priming coat of red. In Tees, angles, flats and channels.	527.68				
4	SW0022	Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and applying priming coat of red. In Tubular sections: 40 x 40 x 2.5mm (SHS) square steel hollow section (2.92 kg/m).	877.75	kg			
5	RW0209	Providing and fixing G.I chain-link mesh including fixing of post or struts, G.I staples (excluding the cost of posts/struts, earthwork, concrete etc.). 4mm (8 SWG) x 50mm	225.45	m ²			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
6	RW0235	Planting of seedlings or wildlings (including the collection of flowering plants from nursery) and planting them in the pit of size 30 cm x 30 cm. Specimen of flowers to be provided by site-in charge.	45.00	each			
7	EW0197	Providing and laying top soil mixed with rotten leaves manure (1:2) earth bedding, including consolidating each deposited layer by watering, ramming and dressing at green area, buffer strip, etc.	59.11	m ²			
8	RW0242	Providing and apply road marking with hot applied thermoplastic compound with reflectorizing glass beads on Bituminous surface as per IRC: 35 and technical specifications. The finished surface to be level and free from streaks and holes.	15.00	m ²			
		Total:					
		Grand Total of Civil Works:					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
ELECTRICAL WORKS							
A		SALES BUILDING					
I		WIRING and SUBMAIN WIRING					
1		Wiring for light, fans, call bell and 2 pin light socket outlet with 1.5 mm ² 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe copper conductor cable in PVC surface conduit including connections, painting, testing and commissioning etc. as required					
a	WC0150	Short Point	8	point			
b	WC0151	Medium Point	4	point			
c	WC0152	Long Point	5	point			
2	WC0202	Wiring for 5/6 pin, 6/16 ampere plug point with 4 mm ² 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit with providing and fixing 5/6 pin, 6/16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required. Long Point	8	point			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
3	WC0242	Wiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit including connections, painting, testing and commissioning etc. as required. 2x4 mm ²	20	m			
4	WC0251	Wiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit including connections, painting, testing and commissioning etc. as required. 2x2.5 mm ²	90.5	m			
5	WC0275	Wiring for sub-main with 1.1kV grade, PVC insulated copper conductor cable in PVC surface conduit including connections, painting, testing and commissioning etc. as required. 4x16 mm ²	20	m			
		SUB TOTAL FOR WIRING and SUBMAIN WIRING					
II		LAMPS, FITTINGS and ACCESSORIES					
6		Supplying of Lamps, light fittings complete set with all accessories as required					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
a	MT6351	LED Tube light 18 W	9	each			
b	MT5749	Recessed down lighter, round 165mm	8	each			
c	MT6396	1400 RPM, 1200mm sweep	1	each			
d	MT6418	1400 RPM, 300mm sweep	2	each			
		SUB TOTAL FOR FITTINGS and ACCESSORIES					
III		CONTROL GEARS, SWITCH GEARS and BUSBAR					
7		Supply of miniature circuit breaker (MCB) single pole, 230 volt A.C complete with all accessories suitable to fix on a din-bar etc. as required					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
a	GB0270	6A	4	each			
b	GB0272	16A	16	each			
8		Supply of miniature circuit breaker (MCB) double pole, 230 volt A.C complete with all accessories suitable to fix on a din-bar etc. as required					
a	GB0311	10A	2	each			
b	GB0313	20A	10	each			
c	GB0316	40A	1	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
9		Supply of residual current circuit breaker (RCCB) 4 pole, sensitivity 100mA, 415 volt A.C complete with all accessories suitable to fix on a din-bar etc. as required					
a	GB0488	40A	1	each			
10		Supply of miniature circuit breaker (MCB) triple pole and neutral, 415 volt A.C complete with all accessories suitable to fix on a din-bar etc. as required					
a	GB0352	32A	5	each			
b	GB0353	40A	1	each			
c	GB0355	63A	3	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
11	MR	Supplying and fixing of L&T MNX 32 Power Contactors, 240 V	1	each			
12	MR	Supplying and fixing of 10 KVR Capacitor	1	each			
13	MR	Capacitor Contactor	1	each			
14	GB0196	Supplying of panel moulded case circuit breaker (MCCB) with electronic release, breaking capacity 25KA, 4 pole 415 volt A.C complete with all accessories etc. as required. 100A.	1	each			
15	GB0026	Supplying of Aluminium alloy/wrought aluminium busbar complete with all accessories etc. to accommodate in prefabricated MS cubical panel board as required. 4 strips, 600mm bar, 400A	1	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
16	GB0547	Supply of TPN distribution board (DIN type, horizontal) with acrylic door, 415 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required. 8 way.	1	each			
		SUB TOTAL FOR SWITCH GEARS,CONTROL GEARS and BUSBARS					
IV		ERECTIONS/INSTALLATIONS					
17	EI0016	Erection of all indoor recessed type ceiling fittings/ wall fittings, GLS lamps, fixing of lamp, testing etc. as required including connection with PVC insulated copper conductor. 1.5 mm ² single core cable 1.1 KV grade.	8	each			
18	EI0041	Installation, testing and commissioning of prewired fluorescent / LED fittings /tube lights of all surface type complete with all accessories and tubes directly on ceiling/wall as required including connection with PVC insulated copper conductor. 1.5 mm ² single core cable 1.1 KV grade.	9	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
19		Installation, testing and commissioning of SPN/DP miniature circuit breaker/residual current circuit breaker DIN type complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required					
a	EI0380	6/10/16/20A	30	each			
b	EI0390	25/32/40A	1	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
20	EI0340	Installation, testing and commissioning of TPN/four pole miniature circuit breaker/residual current circuit breaker (DIN type) complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required. 40A (RCCB)/63A (MCB), 415V.	4	each			
21		Installation, testing and commissioning of TPN/four pole miniature circuit breaker (DIN type) complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required					
a	EI0337	32A, 415V	5	each			
b	EI0338	40A, 415V	1	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
22	EI0425	Installation, testing and commissioning of four pole moulded case circuit breaker (DIN type) breaking capacity 16/25/36K/earth leakage module complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required. 100A, 415V	1	each			
23	EI0186	Installation, testing and commissioning of Aluminium alloy/wrought Aluminium bus bar complete with all accessories to accommodate in prefabricated MS cubical control panel board including connections etc. as required. 4 strips, 600mm length, 400A	1	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
24	EI0545	Installation, testing and commissioning of TPN DB (DIN type, horizontal/vertical) with no door, metal door or acrylic door (double/single door) complete with all accessories to accommodate incoming RCCB/ELCB/RCBO FP 100A sensitivity 30/100/300mA and outgoing SP MCB 6/10/16A on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required. 8 way	1	each			
25	MR	Providing and fixing of prefabricated panel board size (2x1.7x0.3m), 16SWG - CRCA Sheet with all the internal wiring, paint powder coating Siemens Grey, Gland plate 14 SWG, Cable entry bottom, earthing point and wall mounting clamp complete as required as per drawing attached	1	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
26	EI0096	Installation, testing and commissioning of all size ceiling fan and regulator including wiring the down rod of standard length up to 300mm with PVC insulated copper conductor. 1.5 mm ² single core cable 1.1 KV grade	1	each			
27	EI0121	Installation, testing and commissioning of exhaust fan up to 450mm sweep the existing opening including making the hole to suit the size of the indicated fan making good the damages, and connection with PVC insulated copper conductor. 1.5 mm ² single core cable 1.1 KV grade	2	each			
		SUB TOTAL FOR ERECTION AND INSTALLATION:					
V		EARTHING and LIGHTNING PROTECTION					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
28	ET0001	Providing and fixing of earthing including all accessories, machinery enclosure, C.I cover plate having locking arrangement, watering pipe with excavation and refilling work including charcoal or coke and salt complete as required as per standard earthing drawing. With copper earth plate 600x600x6mm	8	each			
29	ET0077	Providing and laying of metal strip at 0.5m below ground level for as strip earth electrodes including soldering etc. as required. 25x6mm G.I strip	100	m			
30	ET0121	Providing and drawing wire for loop earthing in existing surface/ recessed PVC/MS/ steel conduit or casing capping or wooden batten along with other wires as required. 2.032mm (14SWG) copper wire	200	m			
31	LG0002	Providing and fixing lightning conductor including holes etc. complete as required. 25mm Ø 900mm long copper tube four prong at top with 85mm Ø 3mm thick copper base plate	2	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
32	LG0045	Providing and fixing metal strip on parapet or surface of wall/roof for lightning conductor as required for vertical run. 25x4mm G.I strip	8	m			
33	WC0095	Provide and Draw Single Core 1.1KV grade PVC insulated copper conductor cable in existing PVC concealed conduit. 1x1 mm ²	50	m			
		SUB TOTAL FOR EARTHING and LIGHTNING PROTECTION					
VI		POWER CABLE					
34	CC0003	Providing and laying PVC insulated and Sheathed Armoured Copper Control Cable, 660/1100V - 1.5 mm ² including cost of trenches/ducts. Length shall be as per site requirements. 4-Core, 1.5 mm ²	100	m			
35	PC0182	Supplying of 4- Core 1.1KV grade PVC insulated and sheathed Aluminium conductor armoured power cables. 50 mm ²	100	m			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
36	CL0003	Laying of one number PVC insulated and sheathed power cable copper/aluminium, armoured/un-armoured 1.1KV single core to four core direct in the ground including excavation, sand cushioning, protective covering and refilling the trenches etc. as required. Above 25mm ² to 70mm ²	100	m			
37	CC0031	Supply and laying of PVC insulated, sheathed, armoured cable of approved make conforming to IS 1554: part 1:1988. 3Cx2.5 mm ² copper cable	500	m			
38	MR	End termination of the cable with double compression FLP gland and crimping sockets. 3Cx2.5 mm ² end termination	30	No.			
39	MR	End termination of the cable with double compression NFLP gland and crimping sockets. 3Cx2.5 mm ² end termination	30	No.			
		SUB TOTAL FOR POWER CABLE					
VII		TELEPHONE AND TV NETWORK					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
40	TC0001	Provide and draw high density polythene insulated and sheathed copper conductor 0.5mm Ø telephone wire in existing surface/ recessed conduit wiring system complete as required. 2 pairs	40	m			
41	SS0076	Supplying and fixing of socket/regulator on existing metal box with fibre sheet cover (recessed or surface) including necessary cutting, connection testing etc. as required. RJ 11 telephone socket	2	each			
42	CD0091	Supplying and fixing of PVC conduit on surface including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required. 25mm	20	m			
		SUB TOTAL FOR TELEPHONE and TV NETWORK					
VIII		LAN NETWORK					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
43	MR	Providing and laying of DATA Network cables and connection in existing 25mm dia recessed HDPE pipe complete as required. Cat 6 UTP Solid cables (AMP or Dlink)	60	m			
44	SS0177	Supplying and fixing of socket outlet on existing PVC/ metal/moulded tough surface box/metal box (recessed or surface) including necessary cutting, connection, testing etc. as required. RJ 45 Computer socket	4	each			
45	CD0221	Supplying and fixing of HDPE pipe on recessed including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required. 25mm	40	m			
		SUB TOTAL FOR LAN NETWORK					
IX		HDPE PIPES					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
46	CD0222	Supplying and fixing of HDPE pipe on recessed including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required, including excavation, sand cushioning, protective covering and refilling the trenches etc. as required. 32mm	40	m			
47		Providing and laying H.D.P.E Pipes, 6 PN, including H.D.P.E fittings					
a	PO0036	110 mm Ø.	60	m			
b	PO0038	160mm Ø.	60	m			
		SUB TOTAL FOR HDPE PIPES					
X		ENERGY METER					
48	MR	Supply, installation, testing and commissioning of three phase energy meter. Three phase electronic watt-hour (kWh) meter	1	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
		SUB TOTAL FOR ENERGY METER					
		TOTAL FOR SALES BUILDING AND OTHERS:					
B		COMPOUND AND CANOPY LIGHTS					
I		SUPPLY AND INSTALLATION OF POLES AND ACCESSORIES					
1	PA0001	Supplying of compound light steel tubular pole 50/60mm outer Ø having a base plate 250x250x5.4mm, entry hole of 20mm Ø 1.1m from bottom and stud bolt as earth terminal complete as required. 5.5m, 4.5mm thick.	10	each			
2	PA0020	Erection of compound light steel tubular pole 5.5m length 50/60mm Ø. with 20mm Ø MS sleeve as inlet of power cable in cement concrete 1:3:6, 40mm stone aggregate foundation with cement concrete base 0.47mx0.47mx75mm thick 1:4:8 including excavation, centering and shuttering, and refilling, providing props for pole etc. complete as required.	10	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
4	PA0105	Supplying of junction box fabricated with 14SWG MS sheet, removal cover plate with gasket for dust and vermined proof, 2 earthing terminals with nut, bolts and spring washer, 2 entry holes 16mm Ø at bottom, 32mm Ø for cable entry at back, including 4 way terminal block and HRC fuse unit with fuse of 6A with locking arrangement and finish coat painting complete with all accessories as required as per standard drawing. MS junction box out door duty	10	each			
5	PA0090	Supplying of pole cap with arm 1.1m long with suitable Ø. having inner pole and outer tightened bolt etc. complete as required for the top section of street light pole. Single arm	10	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
6	PA0050	Erection of junction box and pole cap with arm including wiring with PVC insulated copper conductor cable 1.1KV grade 2x2.5mm ² through the existing pole and arm bracket from junction box including erection of street light fixtures, lamps, connection, testing etc. complete as required. Single arm	20	each			
		SUB TOTAL FOR SUPPLY AND INSTALLATION OF POLES AND ACCESSORIES					
II		FITTINGS AND ACCESSORIES					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
7		Providing and installing high powered LED street light luminaries complete with die-cast aluminum casing with powder coated finish for corrosion resistance, heat sink body, heat resistant silicon sealing ring for ingress protection, tempered glass lens, high power factor (>0.95) driver, flicker- free operation with low ballast loss, IP-65/66, suitable to be installed on pole Ø 40/50 mm, efficiency (lm/W>100) including lamp of 100/125W complete set as required.					
a	A/R	150 W LED (Havells or equivalent)	10	each			
b	A/R	80 W LED - for Canopy (Havells or equivalent)	10	each			
		SUB TOTAL FOR FITTINGS AND ACCESSORIES					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
III		SUPPLY AND LAYING OF POWER CABLE					
8		Supplying of 2- Core 1.1KV grade PVC insulated and sheathed Copper conductor armoured power cables					
a	PC0206	4 mm ²	160	m			
b	PC0207	6 mm ²	325	m			
c	PC0123	10 mm ²	40	m			
d	PC0124	16 mm ²	40	m			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
9		Laying of one number PVC insulated and sheathed power cable copper/aluminium, armoured/un-armoured 1.1KV single core to four core direct in the ground including excavation, sand cushioning, protective covering and refilling the trenches etc. as required					
a	CL0001	Up to 6 mm ²	485	m			
b	CL0002	Above +6mm ² to 25mm ²	80	m			
		SUB TOTAL FOR SUPPLY AND LAYING OF POWER CABLE					
IV		MCBs					
10	GB0290	Supply of miniature circuit breaker (MCB) SPN, 230 volt A.C complete with all accessories suitable to fix on a din-bar etc. as required. 6A.	40	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
11		Supply of miniature circuit breaker (MCB) double pole, 230 volt A.C complete with all accessories suitable to fix on a din-bar etc. as required					
a	GB0311	10A	9	each			
b	GB0314	25A	1	each			
		SUB TOTAL FOR MCBs					
V		INSTALLATION OF MCBs					
12	EI0380	Installation, testing and commissioning of SPN/DP miniature circuit breaker DIN type complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required. 6/10/16/20A	49	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
13	EI0390	Installation, testing and commissioning of SPN/DP miniature circuit breaker DIN type complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required. 25/32/40A	1	each			
		SUB TOTAL FOR INSTALLATION OF MCBs					
VI		SUPPLY AND INSTALLATION OF TIMER SWITCH					
14	GB0411	Supply of electronic timer switch double pole, 50Hz, sensitivity 30mA, 230 volt A.C complete with all accessories suitable to fix on a din-bar etc. as required. 7days/24hrs	1	each			

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
15	EI0565	Installation, testing and commissioning of DP timer switch assembly in a case complete with all accessories to accommodate on/in prefabricated MS surface/MS cubical control panel board recessed including drilling holes, connections etc. as required. Adjustment range either 24/24hrs or 7days/24hrs	1	each			
		SUB TOTAL FOR SUPPLY AND INSTALLATION OF TIMER SWITCH					
VII		ROD/SPIKE TYPE EARTHING					
16	PA0075	Providing and installation of street/compound light pole earthing including connections, testing etc. complete as required including excavation and refilling - With G.I earth spike 1.8m. With G.I earth spike 1.8m	40	each			
		SUB TOTAL FOR ROD/SPIKE TYPE EARTHING					
VIII		HDPE PIPES					

Sl.	Code	Description	Qty.	Unit	Rate (figure)	Rate (words)	Amount
17	CD0222	Supplying and fixing of HDPE pipe on recessed including all accessories such as screws, bends, elbows, Tees, corners, etc. complete as required. 32mm	200	m			
		SUB TOTAL FOR HDPE PIPES					
		TOTAL FOR CANOPY AND COMPOUND LIGHTS:					
		TOTAL ELECTRICAL COST:					

Note: The Bidders are instructed to quote the same rates for same nomenclature/scope of work. If found different rates, then the lowest rate shall be considered during evaluation and execution.

COST SUMMARY OF FUEL RETAIL OUTLET AT TABA THIMPHU		
Sl. No.	Scope of works	Amount
1	CIVIL WORKS	
A	SALES BUILDING	
B	PUMP ISLAND	
C	FOOTING WORKS	
D	CHAMBERS	
E	FILTER SHED	
F	DECANTING SHED	
G	SAND BUCKET SHED	
H	FIREFIGHTING AND SAFETY EQUIPMENT	
I	RCC SHEAR WALL	
J	UNDERGROUND TANKS WORKS	
K	PIPELINE WORKS	
L	DG SET FOUNDATION	
M	TRANSPORTATION	
N	DRIVEWAY WORKS	
O	BOUNDARY FENCING WORKS	
	TOTAL FOR CIVIL WORKS:	
2	ELECTRICAL WORKS:	
A	SALES BUILDING AND OTHERS	
B	CANOPY AND COMPOUND LIGHTS	
	TOTAL FOR ELECTRICAL WORKS:	
	TOTAL (1+2):	
	Rebate, if any:	
	GRAND TOTAL:	

Total in Words: Ngultrum

3. 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)]

4. Bidder Information Form

Date: _____

RFB No. and title: _____

Bidder's name
In case of Joint Venture (JV), name of each member:
Bidder's actual or intended country of registration: <i>[indicate country of Constitution]</i>
Bidder's actual or intended year of incorporation:
Bidder's legal address [in country of registration]:
Bidder's authorized representative information Name: _____ Address: _____ Telephone/Fax Numbers: _____ E-mail address: _____
<p>1. Attached are copies of original documents of</p> <p><input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or documents of registration of the legal entity named above, in accordance with ITB 3</p> <p><input type="checkbox"/> In case of JV, letter of intent to form JV or JV agreement, in accordance with ITB 11.2</p> <p><input type="checkbox"/> In case of state-owned enterprise or institution, in accordance with ITB 3.5, documents establishing:</p> <p><input checked="" type="checkbox"/> Legal and financial autonomy</p> <p><input checked="" type="checkbox"/> Operation under commercial law</p> <p><input checked="" type="checkbox"/> That the Bidder are not dependent agency of the Employer</p> <p>2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.</p>

5. Bidder's JV Information Form
(To be completed for each member of Bidder's JV)

Date: _____

RFB No. and title: _____

Bidder's JV name:
JV member's name:
JV member's country of registration:
JV member's year of constitution:
JV member's legal address in country of constitution:
JV member's authorized representative information Name: _____ Address: _____ Telephone/Fax Numbers: _____ E-mail address: _____
1. Attached are copies of original documents of <input type="checkbox"/> Articles of Incorporation (or equivalent documents of constitution or association), and/or registration documents of the legal entity named above, in accordance with ITB 3. <input type="checkbox"/> In case of a state-owned enterprise or institution, documents establishing legal and financial autonomy, operation in accordance with commercial law, and that they the Bidder are not dependent agency of the Employer, in accordance with ITB 3.5. 2. Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.

6. Access to adequate equipment (owned or hired):

Tiers	Equipment Type	Registration No./Bill No.	Owned (No.)	Hired (No.)	Total (No.)
Tier I	a) Backhoe				
	b) Hyrda Crane				
	c) Vibratory roller				
	d) Truck				
Tier II	a) Excavator				
	b) Welding machine				
	c) Concrete mixer machine 5/7 cft				
Tier III	a) Total station/GIS equipment				
	b) Water pump Min. 2HP				
	c) Rod/steel cutting machine				
	d) Trailer 10 wheeler				
	Total				

7. Availability of skilled manpower:

Tier	Name	ID Card No.	Position	No.	Qualifications	Years of experience
I			Civil Engineer			
II			Electrical Engineer			
III. a.			Site Supervisor			
III. b.			Plumber			

8. Access to or Availability of Credit Line

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

(Bank Letter Head)

(a) BANK CERTIFICATE

This is to certify that Mr./Mrs.....Promoter of M/s.....is one of our valued Clients and Maintaining account with..... Branch Officetheir dealing with bank has been satisfactory as on date.

This certificate is issued at the request of M/s..... for the purpose of participating in bidding for tender works(*insert name of works*).The Client can be considered good for line of credit to the extent of Nu.....to meet their working capital requirements for executing the work namely subject to fulfilment of lending norms.

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

Address of the Bank

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

❖ **For joint venture change the text as follows**

(Bank Letter Head)

(b) BANK CERTIFICATE

This is to certify that Mr./Mrs..... Promoter of M/s..... who has formed a Joint Venture with M/s..... for participating in this bid is one of our valued Clients and Maintaining account with
.....Branch Office ,..... their dealing with bank has been satisfactory as on date.

This certificate is issued at the request of M/s..... for the purpose of participating in bidding for tender works (*insert name of works*).The Client can be considered good for line of credit to the extent of Nu.....to meet their working capital requirements for executing the work namely..... subject to fulfilment of lending norms

[insert signature(s) of authorized representative(s) of bank]
Address of the Bank

[This should be given by each JV members]

9. PRICE PREFERENCE PARAMETERS: list all information requested below.

9. (a) Status (Incorporated, JV, proprietorship)

Particulars	Response <i>[To be filled by bidders]</i>
Constitution or legal status of Bidder	
Place of registration	
Principal place of business	

The bidder shall submit the following supporting documents for the above:

- Copy of the certificate of incorporation issued by the registrar of companies for the bidder in case an incorporated company is bidding alone.
- Joint-venture agreement between the contractor involved, and copy of the certificate of incorporation issued by the registrar of companies for the incorporated partner in case two or more contractors are bidding together in a joint venture.

9. (b) Employment of Bhutanese

Description	Response <i>[To be filled by bidders in Numbers]</i>
Total Number of project workforce (<i>Bhutanese and Non-Bhutanese key technical Personnel, skilled & non-skilled personnel</i>) to be committed for the project	
Number of Bhutanese committed for the project	

10. INTEGRITY PACT (IP)**1. General:**

Whereas **Mr. Kinga Lotey and Mr. Chencho Tshering, Board Executive Committee/Board Directors** representing the **State Trading Corporation of Bhutan Ltd. (STCBL)**, Royal Government of Bhutan, hereinafter referred to as the "**Employer**" on one part, and Mr/Ms.
 (Name of bidder or his/her authorized representative,
 with power of attorney) representing M/s.
 (Name of firm), CDB No. Hereinafter
 referred to as the "**Bidder**" on the other part hereby execute this agreement as follows:

This agreement shall be a part of the standard bidding document, which shall be signed by both the parties at the time of purchase of bidding documents and submitted along with the tender document. This IP is applicable only to "**medium** class" scale works, goods and services, the threshold of which will be announced by the government from time to time. The signing of the IP shall not apply to framework contracting such as annual office supplies etc.

2. Objectives:

Whereas, the Employer and the Bidder agree to enter into this agreement, hereinafter referred to as IP, to avoid all forms of corruption or deceptive practice by following a system that is fair, transparent and free from any influence/unprejudiced dealings in the **bidding process** and **contract administration**, 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 or goods or 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.

3. Scope:

The validity of this IP shall cover the bidding process and contract administration period.

4. Commitments of the Employer:

The Employer Commits itself to the following:-

- 4.1. The Employer hereby undertakes that no officials 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 and contract administration.
- 4.2. The Employer further confirms that its officials shall not favour any prospective bidder in any form that could afford an undue advantage to that particular bidder in the bidding process and contract administration and will treat all Bidders alike.
- 4.3. Officials of the Employer, who may have observed or noticed or have reasonable suspicion shall report to the head of the employing agency or an appropriate government office any violation or attempted violation of clauses 4.1 and 4.2.
- 4.4. Following report on violation of clauses 4.1 and 4.2 by official (s), through any source, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings shall be initiated by the Employer and such a person shall be debarred from further dealings related to the bidding process and contract administration.

5. Commitments of Bidders

The Bidder commits himself/herself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of the bidding process and contract administration in order to secure the contract or in furtherance to secure it and in particular commits himself/herself to the following :

- 5.1. The Bidder shall 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 and contract administration, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding process and contract administration.
- 5.2. The Bidder shall not collude with other parties interested in the contract to manipulate in whatsoever form or manner, the bidding process and contract administration.
- 5.3. If the bidder(s) have observed or noticed or have reasonable suspicion that the provisions of the IP have been violated by the procuring agency or other bidders, the bidder shall report such violations to the head of the procuring agency.

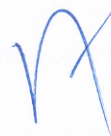
6. Sanctions for Violation:

The breach of any of the aforesaid provisions shall result in administrative charges or penal actions as per the relevant rules and laws.

- 6.1. The breach of the IP or commission of any offence (forgery, providing false information, misrepresentation, providing false/fake documents, bid rigging, bid steering or coercion) by the Bidder, or any one employed by him, or acting on his/her behalf (whether with or without the knowledge of the Bidder), shall be dealt with as per the terms and conditions of the contract and other provisions of the relevant laws, including Debarment Rules.
- 6.2. The breach of the IP or commission of any offence by the officials of the procuring agency shall be dealt with as per the rules and laws of the land in vogue.

7. Monitoring and Administration:

- 7.1. The respective procuring agency shall be responsible for administration and monitoring of the IP as per the relevant laws.
- 7.2. The bidder shall have the right to appeal as per the arbitration mechanism contained in the relevant rules.



Section V. Bidding Forms

53

We, hereby declare that we have read and understood the clauses of this agreement and shall abide by it.

The parties hereby sign this Integrity Pact at (place)

on (date)



Affix Legal
Stamp

EMPLOYER

BIDDER/REPRESENTATIVE

CID: 1 0 8 0 4 0 0 0 0 2 1

CID:

CID: 1 0 8 0 8 0 0 1 3 1 2

Witness:

Sugan Pradhan

Witness:

Name:

Name:

CID: 2 1 2 1 3 0 0 0 2 7 9

CID:

11. Letter of Intent*(Letterhead paper of the Employer)***Notes on standard form of letter of Intent**

This issuance of Letter of Intent (always before letter of acceptance) is the information of the selection of the bid of the successful bidder by the Employer and for providing information to other unsuccessful bidders who participated in the bid as regards the outcome of the procurement process

The Employer shall allow 10 days as described in ITB 37 between this letter of intent and letter of acceptance to allow aggrieved bidders to complaint the decision if they feel they have treated unfairly.

(Insert date)

To: ----- [Name and address of the Contractor]

This is to notify you that, it is our intention to award the contract for your Bid dated [Insert date] for execution of the..... [Insert name of the contract and identification Number, as given in the BDS/SCC] for the Contract Price of.... [Insert amount in figure and words & name of currency] as corrected and modified [if any corrections] in accordance with the Instructions to Bidders.

Authorized Signature: -----

Name and Title of Signatory: -----

Name of Agency: -----

CC: [Insert name and address of all other bidders who submitted the bids]

SECTION VI. 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 Q3 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.

TABLE OF CLAUSES

A. General	58
1. Definitions	58
2. Interpretation	60
3. Language and Law	60
4. Project Manager's Decisions	60
5. Delegation	60
6. Communications	60
7. Subcontracting	60
8. Setting Out	61
9. Other Contractors	61
10. Personnel	61
11. Employer's and Contractor's Risks	62
12. Employer's Risks	62
13. Contractor's Risks	63
14. Insurance	63
15. Queries about the Special Conditions of Contract	63
16. Contractor to Construct the Works	63
17. The Works to Be Completed by the Intended Completion Date	63
18. Approval by the Project Manager	64
19. Safety	64
20. Discoveries	64
21. Possession of the Site	64
22. Access to the Site	65
23. Instructions, Inspections and Audits	65
24. Disputes	65
25. Procedure for Disputes	65
26. Replacement of Adjudicator	66
B. Time Control	66
27. Program	66
28. Progress Reports	67
29. Extension of the Intended Completion Date	67
30. Acceleration	67
31. Delays Ordered by the Project Manager	68
32. Management Meetings	68
33. Early Warning	68
C. Quality Control	69
34. Identifying Defects	69
35. Tests	69
36. Correction of Defects	69
37. Uncorrected Defects	69
D. Cost Control	69
38. Bill of Quantities	69
39. Changes in the Quantities	70

Section VI. General Conditions of Contract (GCC) 57

40. Variations.....	71
41. Payments for Variations.....	72
42. Cash Flow Forecasts	72
43. Payment Certificates	72
44. Payments	73
45. Compensation Events for allowing time extension.....	74
46. Tax.....	75
47. Currencies.....	75
48. Price Adjustment.....	75
49. Retention.....	76
50. Liquidated Damages.....	76
51. Advance Payment.....	77
52. Securities	78
53. Day works.....	78
54. Cost of Repairs	78
E. Completion of the Contract	78
55. Completion.....	78
56. Taking Over	79
57. Final Account	79
58. Operating and Maintenance Manuals	79
59. Termination.....	80
60. Corrupt or Fraudulent Practices	81
61. Payment upon Termination.....	83
62. Property	83
63. Release from Performance	83

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 45 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 36.1 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 | <p>21. 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.</p> <p>22. 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).</p> <p>23. The documents forming the Contract shall be interpreted in the following order of priority:</p> <ul style="list-style-type: none"> (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 | <p>3.1. The language of the Contract and the law governing the Contract are stated in the SCC.</p> |
| 4. Project Manager's Decisions | <p>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.</p> |
| 5. Delegation | <p>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.</p> |
| 6. Communications | <p>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.</p> |
| 7. Subcontracting | <p>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.</p> |

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 months⁴¹, the deductions shall be discontinued and the contractor's failure to deploy such personnel shall be treated as a fundamental breach of contract.

This shall also apply to the commitment of employment to Bhutanese. However in this case Contract may not be terminated but wage rates as mentioned in the SCC shall be deducted for the duration of the contract.

Similarly, if the committed equipment are not available at site, the hiring charges of such equipment 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 equipment 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 Sub contractors 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

12.1. From the Start Date until the Defects Liability Certificate has been issued, the following are Employer's risks:

- (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:
 - (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> <p>(a) Loss of or damage to the Works, Plant and Materials to be built into the works.</p> <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. Payments received from insurers shall be used for the rectification of loss or damage.</p> <p>14.3. If the Contractor does not provide any of the policies and certificates required, the Employer may affect 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 Conditions of Contract	15.1. The Project Manager shall clarify queries on the SCC.
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

- 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.
- 18.2. The Contractor shall be responsible for design of Temporary Works.
- 18.3. The Project Manager's approval shall not alter the Contractor's responsibility for design of the Temporary Works.
- 18.4. The Contractor shall obtain approval of third parties to design the Temporary Works, where required.
- 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.

19. Safety

- 19.1. The Contractor shall be responsible for the safety of all activities on the Site.
- 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.

20. Discoveries

- 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.
- 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.

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.

	21.2. Within 14 days of possession of site the contractor shall erect an information board as specified in SCC.
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	<p>23.1. The Contractor shall carry out all instructions of the Project Manager which comply with the applicable laws where the Site is located.</p> <p>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.</p> <p>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 60.1 [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).</p>
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 within 14 days of the notification of the Project Manager's decision.
25. Procedure for Disputes	<p>25.1. The Adjudicator shall give a decision in writing within 30 days of receipt of a notification of a dispute.</p> <p>25.2. Unless otherwise agreed, the parties shall comply with the adjudication procedure published by appointing authority specified in SCC.</p>

25.3. 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. If the rates are not specified in SCC, the parties shall comply with the rates fixed by appointing authority in schedule of fees. 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.

25.4. 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. The Contractor shall submit to the project manager for approval at intervals no longer than the period stated in the SCC a revised programme or if at any time:

- (a) actual progress is too slow to complete within the Time for Completion, and/or
- (b) progress has fallen behind or ahead the current programme under Sub-Clause 27.1 [Program],

Other than as a result of a cause listed in Sub-Clause 45 [Compensation Event], then the Project Manager may instruct the Contractor to submit, under Sub-Clause 27.2 [Program], a revised programme and supporting report describing the revised methods which the Contractor proposes to adopt in order to expedite progress and complete within the Time for Completion.

The contractor shall adopt these revised methods, which may require increases in the working hours and/or in the Numbers of contractor's personnel and/or Goods, at the risk and cost of the Contractor.

Additional costs of revised methods including acceleration measures, instructed by the Project Manager to reduce delays resulting from causes listed under Sub-Clause 45 [Extension of Time for Completion] shall be paid by the Employer.

27.3. 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. Progress Reports

28.1. Unless otherwise stated in the SCC, monthly progress reports shall be prepared by the Contractor and submitted to the Project Manager. Reports shall be submitted monthly thereafter, each within 7 days after the last day of the period to which it relates. Reporting shall continue until the Contractor has completed all works. The report shall include:

- a) Comparisons of actual and planned progress, with details of any events or circumstances which may jeopardize the completion in accordance with the Contract, and the measures being (or to be) adopted to overcome delays.
- b) copies of quality assurance documents, test results and certificates of Materials;
- c) charts and detailed descriptions of progress, including each stage of design (if any), delivery to Site, construction, erection and testing; and including the stages for work by subcontractor; and
- d) any other details specified in SCC

29. Extension of the Intended Completion Date

29.1. 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.

29.2. 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.

30. Acceleration

30.1. 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.

30.2. 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.

31. Delays Ordered by the Project Manager

31.1. The Project Manager may instruct the Contractor to delay the start or progress of any activity within the Works.

32. Management Meetings

32.1. 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.

32.2. 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.

33. Early Warning

33.1. 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.

33.2. 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.

33.3. 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, as and not later as 30 days after the Contractor became aware, or should have become aware, of the event or circumstance.

33.4. 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**34. Identifying Defects**

34.1. 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. The Project Manager at the end of the Contract shall issue a Performance score on Quality out of a total of 70 points based on the guidelines issued by Construction Development Board (CDB).

35. Tests

35.1. 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.

36. Correction of Defects

36.1. 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.

36.2. 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.

37. Uncorrected Defects

37.1. 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 49.3.

D. Cost Control**38. Bill of Quantities⁴²**

38.1. The Bill of Quantities shall contain items for the construction, installation, testing and commissioning work to be done by the Contractor.

38.2. 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.

39. Changes in the Quantities

- 39.1. 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 for that particular item.
- 39.2. 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 procuring agency in consultation with the Tender Committee.
- 39.3. For works up to Nu 50 million, when quantity deviation exceeds twenty percent (20%) from the quantity in BOQ and the total cost of such deviations exceeds twenty percent (20%) of the initial contract price; prior approval shall be sought from the Competent Authority (Finance Committee constituted in respective agency).
- 39.4. For works above Nu 50 million, when quantity deviation exceeds twenty percent (20%) from the quantity in BOQ and the total cost of such deviations exceeds twenty percent (20%) of the initial contract price; the procuring agency shall seek prior approval of the Competent Authority (Public Investment Board/Public Investment Coordination Committee).
- 39.5. 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.

40. Variations

- 40.1. 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 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 (not exceeding twenty percent (20%) of the initial contract amount, or the maximum threshold value for the use of Limited Tender whichever is lower), or
 - (f) Change in any specified sequence or timing of construction activities.
- 40.2. For works up to Nu 50 Million, if the value of additional work exceeds twenty percent (20%) of the initial contract price, the procuring agency shall seek prior approval of the Competent Authority.
- 40.3. For works above Nu 50 Million, if the value of additional work exceeds twenty percent (20%) of the initial contract price, the procuring agency shall seek prior approval of the Competent Authority).
- 40.4. 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 41.
- 40.5. 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.
- 40.6. All Variations shall be included in updated Programs⁴⁴ produced by the Contractor.

41. Payments for Variations

- 41.1. 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.
- 41.2. 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 39.1 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.
- 41.3. 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.
- 41.4. 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.
- 41.5. The Contractor shall not be entitled to additional payment for costs that could have been avoided by giving early warning.

42. Cash Flow Forecasts

- 42.1. 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.

43. Payment Certificates

- 43.1. 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.
- 43.2. The Project Manager shall check the Contractor's monthly statement (running account bills) and certify the amount to be paid to the Contractor latest by 30 working days from the date of receipt of contractor's monthly statement in correct and complete form.

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

43.4. 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.

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

43.6. 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.

44. Payments

44.1. 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.

44.2. If the Employer makes a late payment, the Contractor shall be paid interest only on the late payment amount 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 prevailing rate of interest for overdraft facilities availed from respective financial institutes.

44.3. 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.

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

44.5. 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.

**45. Compensation
Events for allowing
time extension**

45.1. 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. "Force Majeure" means an exceptional event or circumstance:
 - i. Which is beyond a Party's control,
 - ii. Which such Party could not reasonably have provided against before entering into the Contract,
 - iii. Which, having arisen, such Party could not reasonably have avoided or overcome, and
 - iv. Which is not substantially attributable to the other Party.

Force Majeure may include, but is not limited to, exceptional events or circumstances of the kind listed below, so long as conditions (i) to (iv) above are satisfied:

- a. War, hostilities (whether war be declared or not), invasion, act of foreign enemies,
- b. Rebellion, terrorism, sabotage by persons other than the contractor's personnel, revolution, insurrection, military or usurped power, or civil war,
- c. Riot, commotion, disorder, strike or lockout by persons other than the contractor's personnel,
- d. Munitions of war, explosive materials, ionizing radiation or contamination by radio-activity, except as may be attributable to the contractor's use of such munitions, explosives, radiation or radio-activity, and
- e. Natural catastrophes such as earthquake, hurricane, typhoon or volcanic activity.

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

45.2. 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.

45.3. 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.

46. Tax

46.1. 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.

47. Currencies

47.1. 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.

48. Price Adjustment

48.1. If during the contract, there is an increase or decrease in the cost of materials as reflected by the Material Index Numbers published by the National Statistical Bureau⁴⁸ (NSB), 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 12th 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;

- 48.2. For the applications of the above formulae, the appropriate Index Numbers published by the National Statistical Bureau shall be adopted.
- 48.3. 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.
- 48.4. Price Adjustment shall apply only for work carried out within the stipulated time or extensions granted by the Procuring Agency and shall not apply to work carried out beyond the stipulated time for reasons attributable to the Contractor.

49. Retention

- 49.1. The Employer shall retain ten percent (10%) from each payment due to the Contractor in the proportion stated in the SCC until Completion of the whole of the Works as retention money.
- 49.2. On completion of the whole of the works, half the total amount retained shall be repaid to the Contractor and half when defects liability period has passed and the Engineer has certified that all defects notified by the Engineer to the Contractor before the end of this period have been corrected.
- 49.3. On completion of the whole of the works, the contractor may substitute the balance half of retention money by an unconditional bank guarantees. 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 contract and duly certified by the Project Manager. The bank guarantee shall be valid until the issue of No Defects Liability Certificates 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 or realize claims from the bank guarantee of an amount which in the opinion of the Employer represents the cost of the defect to be remedied.

50. Liquidated Damages

- 50.1. 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.

51. Advance Payment

51.1. The Employer shall make advance payment to the Contractor of the amount stated in the SCC (mobilization) 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.

51.2. 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. In case of fabrication works off site, secured advance may be paid to the Contractor after site inspection is carried out by the Procuring Agency at the cost of the contractor, submission of proof of payment (work order) and submission of supply order.

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

51.3. The Contractor is to use the advance payment only to pay for, Equipment, Plant, Materials and mobilization expenses required specifically for execution of the Contract. The contractor shall demonstrate that advance has been used in this way by supplying copies of invoices or other documents to the project manager. The manager shall encash the advance guarantee if the contractor is in breach of its obligation by using the advance payment for purpose other than the costs of mobilization in respect of the works.

51.4. 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. The Mobilization Advance 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.

52. Securities

- 52.1. 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 until a date 30 days from the date of issue of the Certificate of Completion.
- 52.2. 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.
- 52.3. The Employer shall encash the performance security to avoid it becoming invalid in case of failure by contractor to extend the validity.
- 52.4. The performance security (*including additional performance security obtained under abnormally low pursuant to ITB Clause 31 and seriously unbalanced and/or frontloaded bid pursuant to ITB Clause 32*) shall be payable to the employer as compensation for any loss resulting from the contractor's failure to complete its obligations under the contract.

53. Day works

- 53.1. If applicable, the Day works 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.
- 53.2. All work to be paid for as Day works 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.
- 53.3. The Contractor shall be paid for Day works subject to obtaining signed Day works forms and at the rate quoted for Day works.

54. Cost of Repairs

- 54.1. 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**55. Completion**

- 55.1. 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.
- 55.2. An on-time completion out of a total of thirty percent (30%) scoring shall be done by the Program Manager. The contractor shall be penalized under this component if he fails to deliver the project as per the initial time-lines committed in the Program.

The site engineer shall penalize the contractor to an extent of thirty percent (30%). The quantum of penalty could vary as following:

- i. Ten (10%) percent for a minor default (if the final completion of the project is delayed by 10 - 15% as compared to original project duration)
- ii. Twenty percent (20%) for a medium default (if the final completion of the project is delayed by 15 - 25% as compared to original project duration)
- iii. Thirty percent (30%) for a major default (if the final completion of the project is delayed by 25% or more as compared to original project duration)

55.3. At the time of taking over the work, the project Manager shall ensure that the contractor constructs a permanent information board as specified in SCC:

56. Taking Over

56.1. 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.

57. Final Account

57.1. 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.

58. Operating and Maintenance Manuals

58.1. If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the SCC.

58.2. 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.

59. Termination

59.1. The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.

59.2. 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 and equipment proposed pursuant to GCC clause 10.1,
- (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
- (j) In case of joint venture any or all parties fail to fulfil the contractual obligations.
- (k) Fails to execute the contract in accordance with the contract, such failure being defined in SCC;
- (l) refuses or is unable to execute and complete the Works and Services in the manner specified in the program furnished under GC Clause 27 at rates of progress that give reasonable assurance to the Employer that the Contractor can attain completion of the works and services by the Time for Completion as extended.

For fundamental breach of contract by contractor the employer shall give notice of a breach of contract for causes listed under GCC sub-clause 59.2 above and requiring the contractor to remedy the same. If the Contractor fails to remedy or to take steps to remedy the same within fifteen (15) days of its receipt of such notice, then the Employer may terminate the Contract forthwith by giving a notice of termination to the Contractor that refers to this GC Sub-Clause 59.2.

For fundamental breach of contract by employer the Contractor shall give a notice to the Employer thereof to remedy the breach within thirty (30) days of such notice and if the Employer is still unable to carry out any of its obligations under the Contract for any reason attributable to the Employer within thirty (30) days of the said notice, the Contractor may by a further notice to the Employer referring to this GC Sub-Clause 59.2, forthwith terminate the Contract.

59.3. 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 59.2 above, the Project Manager shall decide whether the breach is fundamental or not.

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

59.5. 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.

60. Corrupt or Fraudulent Practices

60.1. 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 60.4 to 60.8 shall apply.

60.2. 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

60.3. For the purposes of this Sub-Clause:

- (a) "corrupt practice" is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value⁵¹ 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,

Section VI. General Conditions of Contract (GCC)

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

- (i) Acts intended materially to impede the exercise of the inspection and audit rights of the Employer and/or any other relevant STCBL agency provided for under GCC Clause 23.

- 60.4. 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;
- 60.5. will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded an STCBL -financed 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, an STCBL -financed contract;
- 60.6. Will have the right to require that a provision be included in Bidding Documents and in contracts financed by the STCBL , requiring Bidders, Suppliers, Contractors and their Subcontractors to permit the Purchaser, any organization or person appointed by the Purchaser and/or any relevant STCBL agency to inspect their accounts and records and other documents relating to their Bid submission and contract performance and to have them audited by auditors appointed by the Purchaser;
- 60.7. 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 the Bidding Documents which shall also be signed by procuring agencies; and
- 60.8. Will report any case of corrupt, fraudulent, collusive, coercive or obstructive practice to the relevant STCBL 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.

61. Payment upon Termination

61.1. 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. 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.

61.2. 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.

62. Property

62.1. All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Employer if the contract is terminated because of a Contractors default.

63. Release from Performance

63.1. 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 VII. 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 State Trading Corporation of Bhutan Ltd., Thimphu.
GCC 1.1 (r)	The Intended Completion Date for the whole of the Works shall be 07/11/2021.
GCC 1.1 (v)	The Project Manager is General Manager, Petroleum Division, STCBL, Thimphu The Project Engineer is Pema Wangchuk, Petroleum Division, STCBL, Thimphu
GCC 1.1 (y)	The Site is located at DECHEN LAM, TABA, THMPHU THROMDE, THIMPHU., CHUKHA and is defined in Drawings Nos.
GCC 1.1 (bb)	The Start Date shall be 10/06/2021.
GCC 1.1 (ff)	The Works consist of G+J sales building, island, UG tanks, driveways, shear wall, signage, RTCC Shear wall, footings, electrical works, etc.
GCC 2.2	Sectional Completions are: <i>[insert nature and dates, if appropriate]</i>
GCC 2.3 (9)	The following documents also form part of the Contract: <i>[list documents; e.g. (delete or add to as appropriate)]</i> <i>Schedule of Other Contractors (GCC 9)</i> <i>Schedule of Key Personnel (GCC 10)</i> <i>Site Investigation Reports (GCC 11)</i> <i>Schedule of Operating and Maintenance Manuals (GCC 57)</i>
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 9.1	Schedule of other contractors: <i>[insert Schedule of Other Contractors, if appropriate]</i> . None.
GCC 10.1	Key Personnel and the amount to be deducted for the key personnel not employed by the contractor for each personnel: (a) Civil Engineer: Nu 70,000/Month (b) Electrical Engineer: Nu 50,000/Month (c) Site Supervisor: Nu 30,000/Month. (d) Plumber: Nu 25,000/Month The amount to be deducted for the equipment not available at site is as per CDCL latest hiring rates. The amount to be deducted for the Bhutanese Employment not employed by the contractor for each personnel is Nu 21,000/Month

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: Nil .
GCC 15.1	Queries. <i>[list if appropriate]</i>
GCC 21.1	The Site Possession Date(s) shall be: <i>[insert location(s) and date(s)]</i>
GCC 21.2	The information board shall be 1.20x1.50 m and of MS plate 5mm with MS angle 50x50x5mm with following details: (i) Name of Work: CONSTRUCTION OF FUEL RETAIL OUTLET (ii) Start and Completion Date: DD/MM/YYYY (iii) Value of Work: NU X.XX MILLION (iv) Name of Contractor: M/S. ABC BUILDERS/CONSTRUCTION (PVT. LTD). (v) Name of Employer: STATE TRADING CORPORATION OF BHUTAN LTD.
GCC 25.2	Fees and types of reimbursable expenses to be paid to the Adjudicator: Nu Nil .
GCC 25.3	<i>[For smaller contracts, the institution is usually from Bhutan. For contracts that are awarded to international contractors it is recommended that the arbitration procedure of an international institution be used]</i> Institution whose arbitration procedures shall be used: For Contracts with Bhutanese Contractors Bhutan Alternative Dispute Resolution Centre (BADRC); 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 Bhutan Alternative Dispute Resolution Centre (BADRC). 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. For Contracts with International Contractors <i>[one institution from among those listed below; insert the corresponding wording]</i> “United Nations Commission on International Trade Law (UNCITRAL) Arbitration Rules: GCC Sub-Clause 25.3—Any dispute, controversy or claim arising out of or relating to this Contract, or breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the UNCITRAL Arbitration Rules as at present in force.” or “Rules of Conciliation and Arbitration of the International Chamber of Commerce (ICC):

	<p>GCC Sub-Clause 25.3—All disputes arising in connection with the present Contract shall be finally settled under the Rules of Conciliation and Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with the said Rules."</p> <p>or</p> <p>"Rules of the Arbitration Institute of the Stockholm Chamber of Commerce:</p> <p>GCC Sub-Clause 25.3—Any dispute, controversy or claim arising out of or in connection with this Contract, or the breach, termination or invalidity thereof, shall be settled by arbitration in accordance with the Rules of the Arbitration Institute of the Stockholm Chamber of Commerce."</p> <p>or</p> <p>"Rules of the London Court of International Arbitration:</p> <p>GCC Sub-Clause 25.3—Any dispute arising out of or in connection with this Contract, including any question regarding its existence, validity or termination shall be referred to and finally resolved by arbitration under the Rules of the London Court of International Arbitration, which rules are deemed to be incorporated by reference to this clause."</p> <p>The place of arbitration shall be: THIMPHU, BHUTAN.</p>
GCC 26.1	Appointing Authority for the Adjudicator: CONSTRUCTION DEVELOPMENT BOARD.
B. Time Control	
GCC 27.1	<p>The Contractor shall submit for approval a Program for the Works within 7 days from the date of the Letter of Acceptance.</p> <p>The Program shall include, but not be limited to, the following elements under the conditions stipulated:</p> <p>(a) Quality Assurance Plan (QAP)</p> <p>The Quality Assurance Plan shall specify the work methodology, quality control tests and intervals for such tests in accordance with the work specifications for each item of the Works. If in the opinion of the Project Manager the QAP submitted by the Contractor does not fully represent the spirit of the General Conditions of Contract or the Specifications he may seek further clarification from the Contractor before his approval. The Contractor shall strictly follow the QAP in the execution of the Works. If the Contractor does not comply with the QAP, he shall not be allowed to proceed further with the Works. Details of all procedures and compliance documents shall be submitted to the Project Manager for information before each execution stage is commenced. Compliance with the quality assurance system shall not relieve the Contractor of any of his duties, obligations or responsibilities under the contract.</p>
GCC 27.3	<p>The period between Program updates is 15 days.</p> <p>The amount to be withheld for late submission of an updated Program is NU 25,000.00</p>

C. Quality Control	
GCC 36.1	The Defects Liability Period is: 365 days.
D. Cost Control	
GCC 45.1 (h)	Other Compensation Events are: None .
GCC 46.1	In case of certain Tax exemptions, such as in foreign assistance projects, this specific exemption(s) should be clearly specified in this clause. None .
GCC 48.1	The Contract is not subject to price adjustment in accordance with GCC Clause 48. <i>[Price Adjustment is applicable only for Contracts of duration more than 12 months]</i> Until NSB comes up with the Material Index for the Royal Government of Bhutan, the Wholesale Price- Index (all commodities) for Materials shall be used for the purpose of this clause. Visit www.eaindustry.nic.in for the Wholesale Price Index
GCC 49.1	The proportion of payments retained is: ten percent (10%) .
GCC 50.1	The liquidated damages for the whole of the Works are 0.10 percent per day . The maximum amount of liquidated damages for the whole of the Works is 10 percent of the initial Contract Price.
GCC 51.1	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 51.2	The secured advance is seventy five percent (75%) .
GCC 52.1	The Performance Security amount is ten percent (10%) .
E. Finishing the Contract	
55.3	The permanent information board shall be 0.90x1.20 m and of marble 12mm thick (minimum) with following details: (i) Name of Work: BHUTAN PETROLEUM, STATE TRADING CORPORATION OF BHUTAN LTD. PHUENTSHOLING. (ii) Completion date: MM/YYYY (iii) Constructed by: M/S. ABC BUILDERS/CONSTRUCTION PVT. LTD. CDB NO. XXXX (iv) Name of Employer: STATE TRADING CORPORATION OF BHUTAN LTD.

GCC 58.1	The date by which operating and maintenance manuals are required is 17/11/2021 . The date by which "as built" drawings are required is 17/11/2021 .
GCC 58.2	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 58.1, or failing to obtain the Project Manager's approval of them by the said date, is NU 100,000 .
GCC 59.2 (i)	The maximum Number of days is: 100 days .
GCC 59.2 (k)	Failure to execute contract in accordance with 30% .
GCC 61.1	The percentage to apply to the value of the work not completed, representing the Employer's additional cost for completing the Works, is 20% of the initial contract price]

SECTION VIII 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."

These Notes for Preparing Specifications are intended only as information for the Employer or the person drafting the Bidding Documents. They should not be included in the final documents.

SECTION IX. DRAWINGS***Notes on Drawings***

Insert here a list of Drawings. The actual Drawings, including site plans, should be attached to this section or annexed in a separate folder.

SECTION X. CONTRACT FORMS

Notes on Forms of Securities

*This Section contains forms which, once completed, will form part of the Contract. The forms for **Performance Security** and **Advance Payment Security**, when required, shall only be completed by the successful Bidder after Contract award.*

TABLE OF FORMS

Letter of Acceptance 92

Contract 93

Performance Demand Bank Guarantee 94

Bank Guarantee for Advance Payment 95

Retention Money Security Demand Guarantee 96

Letter of Acceptance*[Letterhead paper of the Employer]***Notes on Standard Form of Letter of Acceptance**

The Letter of Acceptance shall be the basis for formation of the Contract as described in ITB Clauses 37 of the Instructions to Bidders. This Standard Form of Letter of Acceptance shall be filled in and sent to the successful Bidder only after evaluation of Bids has been completed.

*[Insert date]**To: [name and address of the Contractor]*

This is to notify you that your Bid dated *[insert date]* for execution of the *[insert name of the Contract and identification Number, as given in the SCC]* for the Contract Price of the equivalent of *[insert amount in Numbers and words] [insert name of currency]*, as corrected and modified⁵⁶ in accordance with the Instructions to Bidders is hereby accepted by our Agency.

[Insert one of the following (x) or (y) options if applicable]

- (x) We accept that *[insert name proposed by Bidder]* be appointed as the Adjudicator.
- (y) We do not accept that *[insert name proposed by Bidder]* be appointed as Adjudicator, and by sending a copy of this Letter of Acceptance to *[insert name of the Appointing Authority]* we are hereby requesting *[insert name]*, the Appointing Authority, to appoint the Adjudicator in accordance with ITB Clause 41.

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 15 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 15 days of the date hereof; and
- (d) forward the Performance Security pursuant to ITB Sub-Clause 39.1, i.e., within 15 days after receipt of this Letter of Acceptance, and pursuant to GCC Sub-Clause 52.1

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Agency: _____

Attachment: Contract

Contract

Notes on Standard Form of Contract

The Contract should incorporate any corrections or modifications to the Bid resulting from corrections of errors (ITB Clause 27), price adjustment during the evaluation process (ITB Sub-Clause 15.3), selection of an alternative offer (ITB Clause 16), acceptable deviations (ITB Clause 26), or any other mutually-agreeable changes allowed for in the Special Conditions of Contract, such as changes in key personnel, subcontractors, scheduling, and the like.

This Contract is made the *[insert day]* day of *[insert month]*, *[insert year]* between *[insert name and address of Employer]* (hereinafter called "the Employer") and *[insert name and address of Contractor]* (hereinafter called "the Contractor") of the other part.

Whereas the Employer is desirous that the Contractor execute *[name and identification Number 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 the remedying of any defects therein.

Now this Contract witnesseth as follows:

1. In this Contract, words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Contract.
2. 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.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

In Witness whereof the parties thereto have caused this Contract to be executed the day and year first before written.

The Common Seal of *[Witness entity]* _____

was hereunto affixed in the presence of: _____

Signed, Sealed, and Delivered by the said _____

in the presence of: _____

Binding Signature of Employer *[signature of an authorized representative of the Employer]*

Binding Signature of Contractor *[signature of an authorized representative of the Contractor]*

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]*,⁶⁰ 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 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]

Retention Money Security Demand Guarantee

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

Beneficiary: _____ *[Insert name and Address of Employer]*

Date: _____ *[Insert date of issue]*

RETENTION MONEY GUARANTEE No.: *[Insert guarantee reference Number]*

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

Furthermore, we understand that, according to the conditions of the Contract, the Beneficiary retains moneys up to the limit set forth in the Contract ("the Retention Money"), and that when the Taking-Over Certificate has been issued under the Contract and the first half of the Retention Money has been certified for payment, payment of *[insert the second half of the Retention Money or if contract duration is beyond 12 months the amount on completion of 50% of the value of the contract and duly certified by the Project Manager]* is to be made against a Retention Money guarantee.

the amount guaranteed under the Performance Guarantee when the Taking-Over Certificate is issued is less than half of the Retention Money, the difference between half of the Retention Money and the amount guaranteed under the Performance Security] is to be made against a Retention Money guarantee.

At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ *[insert amount in figures]* (_____) *[amount in words]* upon receipt by us of the Beneficiary's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without your needing to prove or show grounds for your demand or the sum specified therein.

A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Beneficiary's bank stating that the second half of the Retention Money as referred to above has been credited to the Applicant on its account Number _____ at _____ *[insert name and address of Applicant's bank]*.

This guarantee shall expire no later than the Day of, 2..., and any demand for payment under it must be received by us at the office indicated above on or before that date.

[signature(s)]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.