

# **NATIONAL PENSION & PROVIDENT FUND**

**THIMPHU: BHUTAN**



## **TENDER DOCUMENT**

**REPAIR AND MAINTENANCE OF CIVIL, ROAD AND  
ELECTRICAL WORKS AT NPPF HOUSING COMPLEX  
SAMDRUPJONGKHAR**

**APRIL, 2025**

## INVITATION FOR BID (IFB)

NPPF/RE-10/2025/6655

16<sup>th</sup> April, 2025

National Pension and Provident Fund (NPPF) invites sealed bids from interested & prospective bidders having valid license registered as Class Medium (M), W3 category with Bhutan Construction and Transport Authority (BCTA) for Repair and Maintenance Works at NPPF Complex, Samdrup Jongkhar.

Bids shall be received in sealed envelopes on or before 12:30 pm on 30<sup>th</sup> April, 2025 and shall be opened on the same day at 2:30 pm at the NPPF Head office Thimphu. Any tender received after the deadline for the submission shall be rejected.

Please note that all the tendering process shall be done in accordance with NPPF PRR 2019.

- ***Bidders shall sign and seal every page of the bidding document.***
- ***Bidder should also ensure that Form of Bid, bid securing declaration, bill of quantities and Bidder's information of the bidding document are filled in correctly, signed and sealed and submitted as part of the bid submission.***
- ***A valid trade license must also be submitted.***

A complete set of Bidding Documents in English may be downloaded from NPPF website [www.nppf.org.bt](http://www.nppf.org.bt) from 16<sup>th</sup> April 2025 to 30<sup>th</sup> April 2025. For further information, contact Executive Engineer (+975 1785 1689) during office hours.



Chief,  
Real Estate Division



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## INSTRUCTIONS TO BIDDERS (ITB)

### A. General

#### 1. Scope of Bid and Source of Funds

- 1.1. The Procuring Agency as defined<sup>1</sup> 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 Procuring Agency as defined in section II, Bidding Data Sheet (BDS) has received a budget from RGoB and external donors 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

- 2.1. It is RGoB's policy to require that Procuring Agencies, Bidders, Suppliers, Contractors and their Subcontractors observe the highest standards of ethics during the procurement and execution of contracts.<sup>2</sup>In pursuance of this policy, the RGoB:

(a) defines, for the purposes of this provision, the terms set forth below as follows:

- (i) "corrupt practice"<sup>3</sup> is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value<sup>4</sup> to influence improperly the actions of another party;
- (ii) "fraudulent practice"<sup>5</sup> 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"<sup>6</sup> 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"<sup>7</sup> 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





### 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 Procuring Agency 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 Procuring Agency as Project Manager for the Contract implementation; or
- (h) a Bidder or any of its affiliates employs or otherwise engages a close relative of a civil servant who either is employed by the Procuring Agency 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 Procuring Agency.

3.6. Bidders shall provide such evidence of their continued eligibility satisfactory to the Procuring Agency as the Procuring Agency 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 Procuring Agency or the Bhutan Construction and transport Authority.
- (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 Procuring Agency in the past; or
- (i) he has been debarred from participation in public procurement by any competent authority as per law.
- (j) Any other predetermined circumstances as deemed necessary by the procuring agency.

#### 4. One Bid per Bidder

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

#### 5. Cost of Bidding

- 5.1. The Bidder shall bear all costs associated with the preparation, submission of his Bid, and the Procuring Agency 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 Bidding Document

- 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



## 8. Clarification of Bidding Documents

- 8.1. A prospective Bidder requiring any clarification of the Bidding Documents may notify the Procuring Agency in writing, including by cable, facsimile, telex or electronic mail, at the Procuring Agency's address indicated in the BDS. The Procuring Agency shall respond to any request for clarification received no later than eleven (11) days<sup>8</sup> for OTM and three (3) days for LTM to the deadline for submission of Bids. Copies of the Procuring Agency'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 Procuring Agency shall amend the Bidding Documents, following the procedure in ITB Clause 9 and ITB Sub-Clause 20.2.
- 8.2. A pre-bid meeting shall be conducted only if necessary to clarify doubts and concerns of the Bidders prior to submission of Bids. However, for procurement of value above Nu. 50 million, pre-bid meeting is mandatory. Minutes of the pre-bid meeting shall be circulated to all Bidders that have purchased Bidding Documents.
- 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 Procuring Agency 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 Procuring Agency 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 Procuring Agency 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, including by cable, facsimile, telex or electronic mail, to all purchasers of the Bidding Documents.<sup>9</sup> Prospective Bidders shall acknowledge receipt of each addendum in writing, including by electronic mail, to the Procuring Agency.
- 9.3. To give prospective Bidders reasonable time in which to take an addendum into account in preparing their Bids, the Procuring Agency 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<sup>10</sup>

- 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<sup>11</sup> - 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 Procuring Agency;
  - (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; and
  - (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 below for each JV/C/A partner;
- (b) the Bid shall be signed so as to be legally binding on all the partners;
- (c) all partners shall be jointly and severally liable for the execution of the Contract in accordance with the Contract terms;  
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;
- (d) the execution of the entire Contract, including payment, shall be done exclusively with the partner in charge; and
- (e) 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.<sup>12</sup> Items for which no rate or price is entered by the Bidder shall not be paid for by the Procuring Agency when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.
- 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 twenty-one (21) days prior to the deadline for submission of Bids, shall be included in the rates, prices and total Bid price submitted by the Bidder.<sup>13</sup>
- 12.4. The rates and prices<sup>14</sup> quoted by the Bidder shall be subject to adjustment during the performance of the Contract<sup>15</sup> if provided for in the BDS and the SCC and the provisions of GCC Clause 48. The Bidder shall submit with the Bid all the information required under the SCC and GCC Clause 48.



### 13. Currencies of Bid and Payment

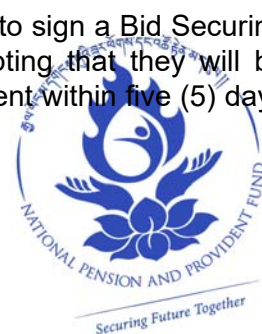
- 13.1. The unit rates and prices<sup>16</sup> shall be quoted by the Bidder entirely in Ngultrum (Nu). Foreign currency requirements shall be indicated as a percentage of the Bid price (excluding provisional sums<sup>17</sup>) and shall be payable at the option of the Bidder in up to three foreign currencies.
- 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 Procuring Agency to clarify their foreign currency requirements and to substantiate that the amounts included in the rates and prices<sup>18</sup>, 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, 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 Procuring Agency 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. In lieu of a Bid Security, the Procuring Agency may instruct bidders to sign a Bid Securing Declaration in the form provided in the bidding documents accepting that they will be required to pay bid security amount specified in the Bidding Document within five (5) days if;
- 



- (a) they withdraw or modify their Bids during the period of validity;
- (b) a bidder fails to accept the arithmetical corrections of its bid price; or
- (c) they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the bidding document.

15.2 Failure to pay as provided in ITB 15.1 will lead to debarment of the bidder from being eligible to submit bids for contracts with all the government procuring agencies for the period prescribed in the Debarment Rules.

#### 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 Procuring Agency shall only consider the alternative Bids offered by the Bidder whose Bid for the base case was determined to be the best-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 Procuring Agency, including design calculations, technical specifications, breakdown of prices, proposed construction methods and other relevant details.

#### 17. Documents establishing Eligibility & 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 Bids

- 18.1. The Bidder shall prepare one original of the documents comprising Signing of Bid 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 initialed by the person or persons signing the Bid.
- 18.3. The Bid shall contain no alterations or additions, except those to comply with instructions issued by the Procuring Agency, or as necessary to correct errors made by the Bidder, in which case such corrections shall be initialed by the person or persons signing the Bid.
- 18.4. The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

## D. Submission of Bids

### 19. Sealing and Marking of Bids<sup>19</sup>

- 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 Procuring Agency at the address<sup>20</sup> 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 Procuring Agency shall assume no responsibility for the misplacement or premature opening of the Bid.

#### 20. Deadline for Submission of Bids

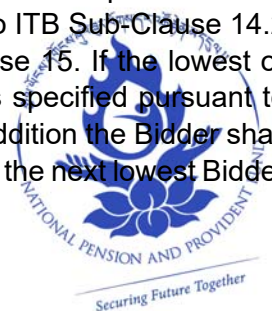
- 20.1. Bids shall be delivered to the Procuring Agency at the address specified above no later than the time and date specified in the BDS.
- 20.2. The Procuring Agency may extend the deadline for submission of Bids by issuing an amendment in accordance with ITB Clause 9, in which case all rights and obligations of the Procuring Agency 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 Procuring Agency 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 Procuring Agency 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 Procuring Agency shall open the Bids on the same day of bid submission deadline, 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 Procuring Agency may consider appropriate) responses to any Bidding Documents addenda; fulfillment of any such other specific formal requirements as are prescribed in the Bidding Documents; and such other details as the Procuring Agency may consider appropriate, shall be announced by the Procuring Agency at the opening. This information also shall be written on a notice board for the public to copy. Any Bid price, discount or alternative Bid price not announced and recorded shall not be taken into account in Bid evaluation. The Bid form including appendices to Bid form, Bill of Quantities, Price Schedules, Bid Securities, any discounts offered, and any other important documents shall be initialed by all members of the Bid Opening Committee. All corrections/overwriting will be noted and recorded on each page of the Bill of Quantities. The Bid evaluation will be done using the Copies while the Original will be kept in safe custody. If there are any discrepancies between the Original & Copies, the Original shall prevail.
- No Bid shall be rejected at Bid opening except for late Bids pursuant to ITB Clause 21. 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 Procuring Agency 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 Name of the Work and invitation reference number;
- (b) the Tender ID;
- (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) name and nationality of each Bidder, and whether there is a withdrawal, substitution or modification;
- (g) the names of attendees at the Bid opening, and of the Bidders they represent (if any);
- (h) 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
- (i) the names, designations and signatures of the members of the Bid Opening Committee.

23.5. 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 Procuring Agency'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 Procuring Agency on any matter related to the Bidding process, it should do so in writing, including by electronic mail during the de-briefing.

#### 25. Clarification of Bids

25.1. To assist in the examination, evaluation and comparison of Bids, the Procuring Agency may, at the Procuring Agency's discretion, ask any Bidder for clarification of the Bidder's Bid, including breakdowns of unit rates.<sup>21</sup> 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 Procuring Agency 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 Procuring Agency 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.
- a. 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 Procuring Agency'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.
  - b. If a Bid is not substantially responsive, it will be rejected by the Procuring Agency, and may not subsequently be made responsive by correction or withdrawal of the non-conforming deviation or reservation.

### 27. Correction of Errors

- 27.1. Bids determined to be substantially responsive shall be checked by the Procuring Agency for any arithmetic errors. Errors shall be corrected by the Procuring Agency as follows:<sup>22</sup>
- (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 Procuring Agency there is an obviously gross misplacement of the decimal point in the unit rate, in which case the line item total as quoted shall govern, and the unit rate shall be corrected.
- 27.2. The corrections will be notified in writing to the individual Bidder with a request for written acceptance of the corrections within the specified period as made in the notification. The amount stated in the Bid shall be adjusted by the Procuring Agency 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).

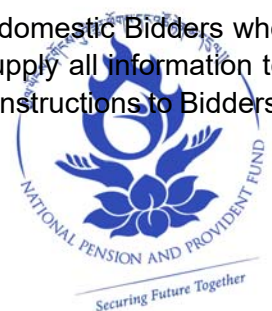
### 28. Currency for Bid Evaluation

- 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

- 29.1. The Procuring Agency shall evaluate and compare only the Bids determined to be substantially responsive in accordance with ITB Clause 26.
- 29.2. In evaluating the Bids, the Procuring Agency shall determine for each Bid and the evaluated Bid price by adjusting the Bid price as follows:
- (a) making any correction for errors pursuant to ITB Clause 27;
  - (b) excluding provisional sums and the provision (unless no rates have been asked from the Bidders), if any, for contingencies in the Bill of Quantities,<sup>23</sup> but including Day work,<sup>24</sup> 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 technical-financial score. Work will be awarded to the Bidder obtaining the highest overall price technical-financial score which will be determined using the following formula:  
 $70\% \times (\text{Lowest quoted Bid among qualifying tenders/financial Bid quoted by A}) + 30\% \times \text{Technical score for A.}$
- 29.4. In the case of Joint Venture, Consortium & Association (JV/C/A), the individual credentials of the JV/C/A partners need to be averaged using their stake for the purpose of evaluation under the parameters of similar work experience, performance score from previous work, works (any category) completed in last five (5) years, Bid capacity and credit line available. For the parameters of equipment and manpower, these sources or information committed/provided by the JV/C/A as a single entity will be considered for award of points.
- 29.5. The Procuring Agency 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 Procuring Agency 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.



- 29.8. A Bid that does not fulfill the minimum experience for the Tier(s) specified for the key personnel shall be rejected before proceeding to Bid evaluation.
- 29.9. A Bid that does not fulfill the minimum number for the Tier(s) specified for the equipment shall be rejected before proceeding to Bid evaluation.

### 30. Qualifications of the Bidder

- 30.1. The Procuring Agency shall determine to its satisfaction whether the eligible Bidder that is selected as having submitted the best 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), 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 Procuring Agency shall revisit their departmental estimate to ensure its realistic rates compared to the prevailing market rates.
- 31.2 After revisiting the departmental estimate as provided in clause 31.1, if the Procuring Agency determines that the Bid offered by the Bidder is 20% below or above the Agency estimate, the Procuring Agency shall eliminate the Bid(s) before proceeding towards Bid evaluation.

### 32. Seriously Unbalanced Bid

- 32.1. If the Bid that is evaluated as the best evaluated cost, is seriously unbalanced or front loaded in Procuring Agency's opinion, the Procuring Agency 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 Procuring Agency 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. Subcontractor

- 33.1 The Procuring Agency:
- (a) Shall define the mechanism for sub-contracting of parts of works to Specialized firms registered with Bhutan Construction and Transport Authority or any other competent authority for specialized categories of works provided in the guidelines for registration of such firms; or
  - (b) May define the mechanism for sub-contracting of parts of works to general contractor registered with Bhutan Construction and Transport Authority or any other competent authority for categories of works for which specialized firms are not available.
- 33.2 For clause 33.1 (a), the principal contractor shall commit the specialized firms with their names during the Bidding and deploy the same or equivalent once selected as winning Bidder with a notification to the Procuring Agency of such deployment.
- 33.3 For clause 33.1 (b), the principal contractor shall seek approval of the Procuring Agency for sub-contracting of works to the contractor registered with Bhutan Construction and Transport Authority or any other competent authority. In the event an approval is accorded by the Procuring Agency, such approval does not relieve the principal contractor of his obligations under the contract.
- 33.4 Payments shall be made directly to the principal contractor, not to the specialized firms or sub-contractor unless explicitly agreed otherwise between the Procuring Agency and the principal contractor with the specific mechanism to do so.
- 33.5 The principal contractor shall execute a contract with the specialized firm or a general subcontractor which shall bind the parties throughout the contract including the defect liability period.

### 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 Bidder shall:
- (a) be registered within Bhutan, constituted under and governed by the civil, commercial or public law of Bhutan, and have its statutory office, central administration or principal place of business there; and
  - (b) have majority ownership by nationals of Bhutan.
- 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); and
  - (b) the JV/C/A is registered in Bhutan;
  - (c) 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 Procuring Agency 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 Technical-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) Fulfillment of works in-hand ceiling prescribed by Bhutan Construction and Transport Authority or any other competent authority.

### 36. Procuring Agency's Right to Accept any Bid and to Reject any or all Bids

- 36.1. Notwithstanding ITB Clause 35, the Procuring Agency 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(s) but the Bidder(s) should be informed with the justified reason(s) for cancellation or rejection.

### 37. Letter of Intent to Award and Signing of Contract

- 37.1. The Procuring Agency 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 Procuring Agency has intention to accept its Bid and the copy of this information shall be given to all other Bidders who have submitted the Bids. 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 Procuring Agency 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 five (5) 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 Procuring Agency 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 Procuring Agency 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 Procuring Agency and the successful Bidder. It shall be signed by the Procuring Agency 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 Procuring Agency.
- 37.5. Upon the furnishing by the successful Bidder of the Performance Security, the Procuring Agency shall notify all other Bidders of the results of the Bidding and shall publish a notification of award on the Procuring Agency's website. The notifications to all other Bidders as well as the notification posted on the Procuring Agency's website shall include the following information:
- (a) the Bid and lot numbers;
  - (b) name of the winning Bidder, and the Price it offered, as well as the duration and summary scope of the contract awarded; and
  - (c) the date of the award decision.

### 38. Debriefing by the Procuring Agency

- 38.1 On receipt of the Procuring Agency's Letter 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 Procuring Agency for a debriefing. The Procuring Agency 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 Procuring Agency shall provide a debriefing within five (5) working days.
- 38.3. The Procuring Agency 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) days after receipt of the Letter of Acceptance the successful Bidder shall deliver to the Procuring Agency 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 best 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 Procuring Agency shall promptly notify the name of the winning Bidder to each unsuccessful Bidder in accordance with ITB Sub-Clause 37.4 and shall be discharged from the obligation under the Bid Securities of the unsuccessful Bidders pursuant to ITB Sub-Clause 15.4.

### 40. Advance Payment and Security

- 40.1 The Procuring Agency 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. Complaint and Review

- 41.1 If the Bidder has or is likely to suffer, loss or injury due to breach of a duty imposed on the Procuring Agency by the provisions of this Bidding Document, the Bidder shall submit the complaint in writing to the Procuring Agency within five (5) days from the date of Letter of Intent to Award the contract pursuant to ITB 37.1.
- 41.2 The head of Procuring Agency shall, within seven (7) days after the submission of the complaint, issue a written decision.

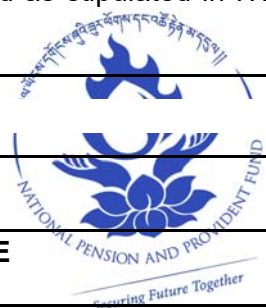


- 41.3 The Bidder may appeal to the Independent Review Body within 5 days of the decision of the Head of the Procuring Agency or, where no such decision has been taken, within ten (10) days of the original complaint and the copy of the appeal shall be given to Procuring Agency on the same day.
- 41.4 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

| <b>A. General</b>             |   |
|-------------------------------|---|
| ITB 1.1                       | <p>The Procuring Agency is <b><i>National Pension and Provident Fund</i></b>.<br/> <i>The name and identification of the contract is <b>NPPF/RED-10/2025/6644</b></i></p> <p><b><i>The Works are:”</i></b></p> <ol style="list-style-type: none"> <li><b><i>1) Re-carpeting of internal road.</i></b></li> <li><b><i>2) Replacement of tiles roof of office building.</i></b></li> <li><b><i>3) Installation of steel gates.</i></b></li> <li><b><i>4) Re-wiring of 4 nos. class III Buildings.</i></b></li> <li><b><i>5) Construction of store room, dismantling and reconstruction security barrack.</i></b></li> <li><b><i>6) Fixing of aluminum windows.</i></b></li> <li><b><i>7) Change of eve ceiling, eve board and roof painting.</i></b></li> </ol> |
| ITB 1.2                       | The Intended Completion Date is <b>6 months</b> from the award of work.   |
| ITB 3.8 (j)                   | Any additional predetermined circumstances- <b>None</b>   |
| <b>B. Bidding Documents</b>   |   |
| ITB 8.1                       | <p>The Procuring Agency’s address for clarification is:<br/> <b>Kuenzang Tenzin,</b><br/> <b>Executive Engineer,</b><br/> <b>NPPF Head office, Thimphu</b><br/> <b>Mobile No: 17851689</b><br/> <b>Email Address: <a href="mailto:kuenzang.tenzin@nppf.org.bt">kuenzang.tenzin@nppf.org.bt</a> during office hours</b></p>  |
| ITB 8.2                       | Pre-Bid Meeting- <b>“shall not be Held”</b>   |
| <b>C. Preparation of Bids</b> |   |
| ITB 10.1                      | The language of the Bid is: <b>English</b>  |
| ITB 11.1 (g)                  | Any additional materials required to be completed and submitted by the Bidders are <b>“None”</b> .  |
| ITB 12.4                      | The Contract is <b>“Not Eligible for Price Adjustment”</b> .  |
| ITB 13.2                      | The authority for establishing the rates of exchange shall be the <b>Royal Monetary Authority of Bhutan</b> .   |
| ITB 13.4                      | Bidders <i>are</i> required to substantiate the rates and prices as and when required.  |
| ITB 14.1                      | The Bid shall be valid for <b>60 days</b> from the opening of bid as stipulated in ITB Clause 20.1  |
| ITB 15.1                      | The Bid Security amount is <b>Nu. 185,000.00</b>  |
| ITB 16.1                      | Alternative Bids <b>shall not be</b> considered.  |
| ITB 18.1                      | In addition to the original Bid, the number of copies is: <b>ONE</b>  |



#### D. Submission of Bids

|              |  |
|--------------|--|
| ITB 19.1     | Bidders may submit their Bids electronically: <b>No</b>  |
| ITB 19.3 (c) | The outer envelope shall be addressed to <b>Chief, Real Estate Division, National Pension and Provident Fund, Thimphu.</b> |
| 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 <b>2:30 PM on 30/4/2025</b> ”   |
| ITB 20.1     | The deadline for submission of Bids shall be <b>12:30 PM on 30/4/2025</b>  |

#### E. Bid Opening and Evaluation

|              |  |
|--------------|--|
| ITB 23.1     | The Bid opening shall take place on the same day as the closing day of the Bid submission at: <b>NPPF Training Hall, Thimphu Head office.</b><br><br>Date: <b>30/04/2025</b> ; Time: <b>2:30 PM</b><br><br>Electronic Bidding is <b>NOT</b> permitted. |
| ITB 33.1     | Subcontractor or General subcontractor is <b>NOT</b> Permitted.  |
| ITB 34.1     | Margin of domestic preference of twenty percent (20%) <b>Shall Not</b> apply.  |
| ITB 34.3 (d) | Other criteria to be used for the purpose of assessing domestic preference eligibility are: <b>NONE</b>  |
| ITB 34.4     | The procedure used to apply the margin of preference shall be: <b>NONE</b>   |

#### F. Award of Contract

|          |   |
|----------|---|
| ITB 39.1 | The Performance Security shall be provided in any one of the following forms:<br>(a) Demand guarantee in the form provided for in Section X, Security Forms;<br>(b) Banker’s certified cheque/cash warrant; or<br>(c) Demand draft. |
| ITB 40   | The Advance Payment shall be limited to <b>ten percent (10%)</b> of the Contract Price  |



### SECTION III. ELIGIBLE COUNTRIES

Not Applicable for this contract.



## SECTION IV. EVALUATION AND QUALIFICATION CRITERIA

This section contains all the criteria that the Procuring Agency 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. Both the Procuring agency and Bidders shall comply with Evaluation Guidelines for Procurement of Works (Above Nu. 5 million) 2023.



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1. Margin of Preference

Not Applicable for this contract

1. Evaluation

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

2. 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 Procuring Agency 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.

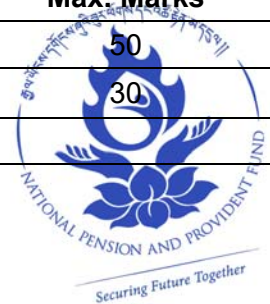
| Parameter  | Levels of Achievement   | Score                       |
|--|---|-----------------------------|
| Aggregate size of similar contracts (max 3) in the last 5 calendar years   | <input type="checkbox"/> > 175% of current project size       | <input type="checkbox"/> 10 |
|  | <input type="checkbox"/> 125-175% of the current project size | <input type="checkbox"/> 8  |
|  | <input type="checkbox"/> 75-125% of the current project size  | <input type="checkbox"/> 4  |
|  | <input type="checkbox"/> <75% of the current project size     | <input type="checkbox"/> 0  |
| Size of the largest similar contract executed in the last 5 calendar years | <input type="checkbox"/> > 100% of current project size       | <input type="checkbox"/> 10 |
|  | <input type="checkbox"/> 70-100% of the current project size  | <input type="checkbox"/> 8  |
|  | <input type="checkbox"/> 50-70% of the current project size   | <input type="checkbox"/> 4  |
|  | <input type="checkbox"/> <50% of the current project size     | <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 (0-20 points):

The Bidder should demonstrate that it will have access to the key Contractor’s equipment listed below:

| Tier    | Equipment            | Number Required | Max. Marks |
|---------|----------------------|-----------------|------------|
| Tier I  | Road Roller (8 tons) | 1               | 50         |
| Tier II | Tripper              | 1               | 30         |
|         |                      | <b>Total</b>    |            |



Following are illustration on scoring of 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 20 points
- The Bidder shall commit and deploy the minimum numbers of equipment for each Tiers specified by the Procuring Agency.

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; and
4. In case of equipment (Non-Registered Equipment) that do not require registration with BCTA, copy of cash memos/invoice stamped by RRCO if newly imported (within 1 year from the date of purchase) or copy of Sale Deed or verification letter issued by a Government Engineer or any other competent authority as deemed appropriate to the Procuring Agency.

**3.2.3. Access to skilled manpower (0-20 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:

[Procuring Agency to specify requirements for each Tier as applicable]

| Tier    | Position                     | Qualification & Experience   | Score |
|---------|------------------------------|--|-------|
| Tier I  | Site Engineer (Civil)-1 No   | Diploma with 5 years' experience   | 40    |
|         |                              | Diploma with 3 years' experience   | 30    |
|         |                              | Fresh diploma graduate   | 20    |
|         |                              | Any other qualification  | 0     |
| Tier II | Site Supervisor (Electrical) | NC2-Min. 5 years of experiences  | 30    |
|         |                              | NC2-Min. 3 years of experiences  | 20    |
|         |                              | NC2- fresh graduate  | 10    |
|         |                              | Any other qualification  | 0     |
| Tier IV | Mandatory Manpower           | Fresh Diploma/Graduate Engineer trained and certified CMS, OHS, e-GP & CDB/BCTA refresher course | 10    |
|         |                              |  | 0     |
|         |                              | <b>Total</b>   |       |

**Note:** Tier IV- Fresh Diploma/Graduate Engineer trained and certified for 'Employability Skills for Construction Engineers' (CMS, OHS, e-GP & CDB/BCTA refresher course). If any Tier except the Tier IV is not required, the points for that Tier may be reallocated to other Tiers except Tier IV.



Following are illustration on scoring of skilled manpower:

- The 100 points shall be allocated as follows:  
 Tier I importance: 40 points  
 Tier II importance: 30 points  
 Tier III importance: 20 points  
 Tier IV importance: 10 points
  
- Total marks out of 100 will be scaled down to 20
  
- The Bidder shall commit and deploy the minimum experienced personnel for the Tier(s) specified by the Procuring Agency.  
 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. The number of years in field shall be taken into consideration and not the year of graduation.
  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. Copy of Certificate for 'Employability Skills for Construction Engineers' for Tier-IV in addition to the above applicable documents.

3.2.4. Average performance score from previous works (0-10 points):

The Procuring Agency 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.



3.2.5 Works (any category) completed on time in the last 5 calendar years (0-10 points)

The Procuring Agency shall consider the works (any category) completed on time in last 5 calendar years.

Each work completed by % for last 5 calendar years. 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 |
|---|----------------------------------|-------|
| Works (any category) completed on time in the last 5 calendar years | <input type="checkbox"/> 75-100% | 10    |
|   | <input type="checkbox"/> 50-74%  | 5     |
|   | <input type="checkbox"/> <49%    | 0     |

The Bidder shall be responsible for updating the above 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 Bidder with eTool/CiNET:

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

The Bid Capacity is calculated using the following formula =  $2.5 * A * N - B$

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. (Procuring Agency to specify the exact amount including decimal point. The credit line available shall be for 3 months) for the contract.

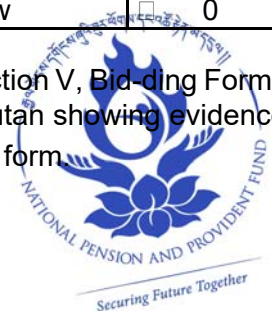
*[Insert the amount for three months project cash flows. Monthly project cash flow is calculated by dividing the project cost by the project duration. This gives the cash flow per month. The ideal credit line amount of credit available is 3 months or more]*

The Procuring Agency shall award points based on following criteria:

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

5. Award:

The Bids scoring minimum qualifying score of 70 points out of 100 will then be considered for the second stage of Bid evaluation. 30% of technical evaluation score shall be carried forward to the 2nd stage of evaluation. This score will be combined with their financial bid to obtain the overall technical-financial score. The following shall be the score bearing:

(a) Financial score =70%

(b) Technical score 30%

5.1 Award of Work:

The overall technical and financial score is obtained by using the following formula for any qualified contractor (A): -

$$70\% \times \frac{\text{(Lowest quoted Bid among qualifying Bids)}}{\text{Financial Bid quoted by A}} + 30\% \text{ of technical score of A}$$

The contractor getting the highest overall technical & financial score shall be recommended for the award of the work.



**SECTION V. BIDDING FORMS**

**TABLE OF FORMS**

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1. Contractor's Bid

**Notes on Form of Contractor's Bid**  
*The Bidder shall fill in and submit this Bid form with the Bid.*

Identification No: **NPPF/ROSJ/**

Title of Contract: Civil, Electrical and Road works at NPPF Complex, Samdrup Jongkhar.

To: Chief, Real Estate Division, National Pension and Provident Fund, Thimphu.

Having examined the all the Bidding Documents (with reference ITB 7), including addenda [insert list], we offer to execute the work Civil, Electrical and Road works at NPPF Complex, Samdrup Jongkhar in accordance with the Conditions of Contract accompanying this Bid for the Contract Price of [insert amount in numbers].....

[insert amount in words].....

.....

.....

[insert name of currency].....

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, will authorize the competent authority to debar my firm for a period of 2 years.



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

V. Bidding Forms

Authorized Signature: \_\_\_\_\_

(Affix Legal Stamp)

Name and Title of Signatory: \_\_\_\_\_

Name of Bidder: \_\_\_\_\_

Address: \_\_\_\_\_



2. Bill of Quantities

| SI.NO      | BSR CODE                                   | Description   | Unit | Qty               | Rate in figure (Nu) | Amount in figure (Nu) |
|------------|--|---|------|-------------------|---------------------|-----------------------|
| <b>A</b>   | <b>CIVIL</b>                               |   |      |                   |                     |                       |
| <b>I</b>   | <b>Change of Eve Ceiling and eve board</b> |   |      |                   |                     |                       |
| 1          | DD0026                                     | Dismantling wood work of sectional area <40 sq.cm in frames, trusses including stacking within 50m lead   | m    | 267.20            |                     |                       |
| 2          | SW0090                                     | Providing, making and fixing M.S. straps, flats, sole plates etc.   | Kg   | 1,940.52          |                     |                       |
|            |  | <b>Eve Ceiling</b>  |      |                   |                     |                       |
| 3          | DD0025                                     | Dismantling wood work of sectional area 40 sq.cm and above in frames, trusses (<10m span) including stacking within 50m lead  | cum  | 4.18              |                     |                       |
| 4          | SW0022                                     | Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and appl. priming coat of red lead paint-In Tubular sections-40x40x3 mm | kg   | 1,829.52          |                     |                       |
| 5          | A/R  | Providing & fixing anodized aluminum sheet for false ceiling-0.5mm Complete   | Sqm  | 696.16            |                     |                       |
|            |  |   |      | <b>Total (I)</b>  |                     |                       |
| <b>II</b>  | <b>Roof Painting</b>                       |   |      |                   |                     |                       |
| 1          | A/R  | Scrapping/cleaning of old paint-Class III 2 Nos and class IV 1 no-3 buildings-723.23 Sqm  | L/s  |                   |                     |                       |
| 2          | PT0051                                     | dark Green corrugal, ready mixed, on G.I. sheets/one coat on old work   | Sqm  | 724.23            |                     |                       |
|            |  |   |      | <b>Total (II)</b> |                     |                       |
| <b>III</b> | <b>Steel Compound Gate</b>                 |   |      |                   |                     |                       |



|           |   |  |     |                    |  |  |
|-----------|---|--|-----|--------------------|--|--|
| 1         |   | P&F Steel compound gate as per drawing including hinge, supports, swing bolt, roller, plate and channels and painting complete.  | L/s | 2 NOS              |  |  |
|           |   |  |     | <b>Total (III)</b> |  |  |
| <b>IV</b> | <b>Change of roofing-office building</b>                          |  |     |                    |  |  |
| 1         | DD0025+<br>DD0028   | Dismantling wood work of sectional area 40 sq.cm and above in frames, trusses (<10m span) including stacking within 50m lead   | Cum | 34.20              |  |  |
| 2         | DD0046  | Dismantling tiled roofing with batten boarding etc. complete including stacking useful materials & disposal of rubbish within 50m lead   | Sqm | 658.14             |  |  |
| 3         | SW0022  | Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and appl. priming coat of red lead paint   | Kg  | 2,291.40           |  |  |
| 4         | RF0004  | Providing & fixing Pre-Painted Galvalume (PPGL) sheeting, including necessary accessories for fixing sheet (excluding the cost of purlins, rafter and trusses) - 25g-25g (0.50mm)  | Sqm | 658.14             |  |  |
|           |   |  |     | <b>Total (IV)</b>  |  |  |
| <b>V</b>  | <b>Replacement of entire window with sliding Aluminum frames.</b> |  |     |                    |  |  |
| 1         | A/R   | Removing of existing window glass and providing and fixing aluminium windows D-series (AL section code no, 20712 &20713), including all necessary locks, rollers, gaskets, fittings, accessories, etc complete. Outer frame, shutter frame | Sqm | 598.72             |  |  |



|  |  |                            |  |  |                  |  |
|--|--|----------------------------|--|--|------------------|--|
|  |  | and 4mm thick clear glass. |  |  |                  |  |
|  |  |                            |  |  | <b>Total (V)</b> |  |

| SI. NO   | BSR CODE | Description   | Unit | Qty   | Rate in figure (Nu) | Amount in figure (Nu) |
|--|----------|---|------|-------|---------------------|-----------------------|
| <b>VI Construction of security barrack</b>       |          |   |      |       |                     |                       |
| 1  | AR       | Dismantling of existing structure   | L/s  | 1.00  |                     |                       |
| <b>Construction of RRM wall up to road level</b> |          |   |      |       |                     |                       |
| 2  | RC0090   | Providing & fixing centering and shuttering with timber including strutting, propping etc. and removal of formwork  | Sqm  | 0.90  |                     |                       |
| 3  | SM0072   | Providing and laying Hand packed stone filling or soling with stones  | Cum  | 0.50  |                     |                       |
| 4  | CW0005   | Providing and laying in position plain cement concrete excluding the cost of centering and shuttering   | cum  | 0.75  |                     |                       |
| 5  | SM0005   | Providing & laying Random Rubble Masonry with hard stone in foundation & plinth-In cement mortar 1:4  | Cum  | 6.50  |                     |                       |
| <b>Construction of new Security Barrack</b>      |          |   |      |       |                     |                       |
| 1  | CW0005   | Providing and laying in position plain cement concrete excluding the cost of centering and shuttering   | Cum  | 0.75  |                     |                       |
| 2  | BW0021   | Providing & laying Second-Class Half-brick Masonry (125 mm)-In cement mortar 1:4  | Sqm  | 25.05 |                     |                       |
| <b>For Tie Beam at roof level</b>                |          |   |      |       |                     |                       |
| 1  | 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 | Kg   | 46.49 |                     |                       |




|                                |        |  |     |        |  |  |
|--------------------------------|--------|--|-----|--------|--|--|
| 2                              | RC0092 | Providing & fixing centering and shuttering with timber including strutting, propping etc. and removal of formwork   | Sqm | 1.76   |  |  |
| 3                              | RC0019 | Providing & laying in position reinforced cement concrete work in beams, lintels, bands, plain window sills, staircases, spiral staircases upto floor five level excluding the cost of centering, shuttering and reinforcement-1:2:4 (1 cement: 2 sands: 4 graded crushed rock 20 mm nominal size) | Cum | 0.27   |  |  |
| <b>Plastering and painting</b> |        |  |     |        |  |  |
| 1                              | PL0031 | Providing & laying 15mm cement plaster on rough side of single or half-brick wall  | sqm | 25.05  |  |  |
| 2                              | PL0021 | Providing & laying 12mm cement plaster   | Sqm | 23.81  |  |  |
| 3                              | PT0042 | Acrylic washable distemper, two coats on new work, including cement primer coat-Internal   | Sqm | 96.27  |  |  |
| 4                              | PT0053 | Acrylic emulsion two coats -including cement primer one coat-external  | sqm | 25.05  |  |  |
| 5                              | PT0047 | Providing and applying finishing coats- Synthetic enamel, for steel & wood work, two coats on new work   | Sqm | 0.50   |  |  |
| <b>Roofing</b>                 |        |  |     |        |  |  |
| 1                              | SW0022 | Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and appl. priming coat of red lead paint   | Kg  | 174.11 |  |  |
| 2                              | A/R    | All purlin-(25x25x3.2mm)   | Kg  | 36.30  |  |  |



|                          |        |   |       |       |  |  |
|--------------------------|--------|---|-------|-------|--|--|
| 3                        | RF0004 | Providing & fixing Pre Painted Galvalume (PPGL) sheeting, including necessary accessories for fixing sheet (excluding the cost of purlins, rafter and trusses) - 25g (0.5mm)  | Sqm   | 17.84 |  |  |
| 4                        | RF0008 | Providing & fixing 600 mm ridges or hips in Pre-Painted Galvalume (PPGL) sheets, including necessary accessories for fixing sheet-25g. (0.50mm)   | m     | 7.00  |  |  |
| <b>Doors and windows</b> |        |   |       |       |  |  |
| 1                        | A/R    | Providing an fixing in position dressed wood work in frames of doors-local wood   | cum   | 0.04  |  |  |
| 2                        | WW0357 | Providing & fixing flush door shutters (pre-fabricated), block-board core with teak ply veneer-complete accessories like 4 nos hinges, tower bolt, sliding bolt and handle-35 mm  | Sqm   | 1.68  |  |  |
| 3                        | A/R    | Steel window with 4 mm glass  | nos   | 2.00  |  |  |
| <b>Electrical works</b>  |        |   |       |       |  |  |
| <b>A. POINT WIRING</b>   |        |   |       |       |  |  |
| 1                        |        | Wiring for light points, ceiling fan, exhaust fan and call bell points with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe including connections, painting, testing and commissioning etc. as required |       |       |  |  |
| i)                       | WH0300 | <b>Short point</b>  | Point | 2.00  |  |  |
| ii)                      | WH0301 | <b>Medium point</b>   | Point | 1.00  |  |  |
| 2                        |        | Wiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable in recessed  |       |       |  |  |



|   |        |  |       |      |  |   |
|---|--------|--|-------|------|--|---|
|   |        | HDPE pipe including connections, painting, testing and commissioning etc. as required  |       |      |  |   |
| i)  | WH0391 | <b>2x2.5sq.mm</b>  | Mtrs. | 6.00 |  |   |
| 3   |        | Wiring for 5/6 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable and 2.5 sq. mm 1.1kV grade, PVC insulated copper conductor cable for earth continuity in recessed HDPE pipe with providing and fixing 5/6 pin, 16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required. |       |      |  |   |
| i)  | WH0340 | <b>Short point</b>   | Point | 1.00 |  |   |
| 4   |        | Wiring for 3 pin, 6 Ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe with providing and fixing 3 pin, 6 ampere socket outlet and switch including earthing third pin and connections, painting, testing and commissioning etc. as required   |       |      |  |   |
| i)  | WH0320 | <b>Short Point</b>   | Point | 1.00 |  |   |
| <b>B SUPPLYING &amp; FIXING OF FITTINGS &amp; LAMPS</b> |        |  |       |      |  |   |
| 1   | IL0382 | Supplying & fixing of prewired indoor surface/ceiling mounted, 20 W, CW LED Tube light luminaries of 3000/4000/6000k, complete with all accessories with necessary testing &   | Each  | 1.00 |  |  |

|    |  |   |      |      |  |  |
|----|--|---|------|------|--|--|
|    |  | commissioning as required.  |      |      |  |  |
| 2  |  | Supplying, installation, testing & commissioning of energy efficient ceiling fan of 240-volt A.C 1400 rpm with all accessories such as electronics regulator, down rod, sweep 3 Nos., canopy 2 Nos., condenser and fan body etc. complete as required |      |      |  |  |
| i) | FN0001   | <b>900mm sweep</b>  | Each | 1.00 |  |  |
| 3  |  | Supplying & fixing of holders on surface wall with PVC square box including necessary cutting, connection testing etc. as required  |      |      |  |  |
| i) | SS0232   | <b>Angle holder (heavy duty, brass plunger)</b>   | Each | 1.00 |  |  |
| 4  | LS0210   | Supplying & fixing of LED Lamp with 3000/4000/6000K (22W)   | Each | 1.00 |  |  |
|    |  |   |      |      |  |  |
| C  | SUPPLY, FIXING & INSTALLATION OF CONTROL GEARS |   |      |      |  |  |
| 1  |  | Supply & fixing of SPN distribution board (DIN type, horizontal) with metal door, 230-volt A.C complete with all accessories without MCB/isolator/RCCB outgoing or incoming etc. as required.   |      |      |  |  |
| i) | GB0515   | 4 Ways  | Each | 1.00 |  |  |
| 2  |  | Supply & Installation, testing & commissioning of miniature circuit breaker (MCB) C-series, single pole, 230-volt A.C in sub distribution board complete with all accessories suitable to fix on a din-bar etc. as required                           |      |      |  |  |
| i) | GB0270   | MCB -SP; 6A   | Each | 1.00 |  |  |



|                             |        |   |       |       |  |  |
|-----------------------------|--------|---|-------|-------|--|--|
| ii)                         | GB0272 | MCB -SP; 16A  | Each  | 1.00  |  |  |
| 3                           |        | Supply & Installation, testing & commissioning of miniature circuit breaker (MCB) C-series, double pole, 230-volt A.C in main control board / sub distribution board complete with all accessories suitable to fix on a din-bar etc. as required                    |       |       |  |  |
| i)                          | GB0315 | MCB -DP; 32 A   | Each  | 1.00  |  |  |
| <b>D POWER CABLE SUPPLY</b> |        |   |       |       |  |  |
| 1                           |        | Supplying of Power Cables (1.1kV) 2-Core Copper-Unarmored, PVC insulated & sheathed   |       |       |  |  |
| i)                          | PC0342 | <b>6 sq.mm</b>  | Meter | 25.00 |  |  |
| 2                           |        | Laying of one number PVC insulated and sheathed power cable copper/aluminium, armoured/un-armored 1.1KV single core to four core direct in the ground including excavation, sand Cushing, protective covering and refilling the trenches etc. as required           |       |       |  |  |
| i)                          | CL0001 | <b>Up to 6 sq.mm</b>  | Meter | 25.00 |  |  |
| <b>F EARTHING</b>           |        |   |       |       |  |  |
| 1                           |        | Supplying & fixing of earthing including all accessories, machinery enclosure, C.I cover plate having lock arrangement, watering pipe with excavation and refilling work including charcoal or coke and salt complete as required as per standard earthing drawing. |       |       |  |  |
| i)                          | ET0002 | <b>with copper plate 600x600x3mm</b>  | Each  | 1.00  |  |  |



|                                     |        |   |      |       |  |  |
|-------------------------------------|--------|---|------|-------|--|--|
| 2                                   |        | Providing & laying of earth connection from earth electrodes in 15 mm dia G.I pipe to main control panel board and distribution board as required as per standard earthing drawing. |      |       |  |  |
| i)                                  | ET0046 | <b>with 4.06mm dia. Copper wire (8 SWG)</b>   | Mtr. | 15.00 |  |  |
| <b>Total Civil +Electrical (VI)</b> |        |   |      |       |  |  |

| SI No                                 | BSR CODE | Description   | Unit | Quantity | Rate In figure (Nu) | Amount In figure (Nu) |
|---------------------------------------|----------|---|------|----------|---------------------|-----------------------|
| <b>VII Construction of Store Room</b> |          |   |      |          |                     | -                     |
| <b>Sub - Structure</b>                |          |   |      |          |                     |                       |
| 1                                     | EW0106   | Excavation in foundation trenches or drains not exceeding 1.5m in width or area 10 sq.m on plan, including dressing & ramming, disposal of surplus soil within 50m lead & 1.5m lift-All types of Soil     | Cum  | 8.80     |                     |                       |
| 2                                     | RC0090   | Providing & fixing centering and shuttering with timber including strutting, propping etc. and removal of formwork-Foundation and plinth etc.   | Sqm  | 3.80     |                     |                       |
| 3                                     | SM0072   | Providing and laying Hand packed stone filling or soling with stones  | Cum  | 6.30     |                     |                       |
| 4                                     | CW0006   | 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 sands: 6 graded crushed rock 40 mm nominal size) | Cum  | 4.20     |                     |                       |
| 5                                     | SM0005   | Providing & laying Random Rubble Masonry with hard stone in foundation & plinth-In cement mortar 1:4  | Cum  | 6.80     |                     |                       |



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|                                   |        |   |     |        |  |  |
|-----------------------------------|--------|---|-----|--------|--|--|
| 6                                 | EW0195 | Filling of trenches, sides of foundations etc. in layers  | Cum | 13.13  |  |  |
| <b>Super-Structure</b>            |        |   |     |        |  |  |
| 1                                 | BW0021 | Providing & laying Second-Class Half-brick Masonry (125 mm) in superstructure below floor 2 level-In cement mortar 1:4  | Sqm | 56.05  |  |  |
| 2                                 | BW0002 | Providing & laying Second-Class Brick work in Foundation & Plinth- In cement mortar 1:4   | Cum | 0.79   |  |  |
| <b>For Tie Beam at roof level</b> |        |   |     |        |  |  |
| 1                                 | 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   | Kg  | 135.06 |  |  |
| 2                                 | RC0092 | Providing & fixing centering and shuttering with timber including strutting, propping etc. and removal of formwork  | Sqm | 9.35   |  |  |
| 3                                 | RC0019 | Providing & 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-1:2:4 (1 cement: 2 sands: 4 graded crushed rock 20 mm nominal size) | Cum | 0.70   |  |  |
| <b>Plastering and painting</b>    |        |   |     |        |  |  |
| 1                                 | PL0031 | Providing & laying 15mm cement plaster on rough side of single or half-brick wall   | sqm | 56.97  |  |  |
| 2                                 | PL0021 | Providing & laying 12mm cement plaster  | Sqm | 53.55  |  |  |
| 3                                 | PT0042 | Acrylic washable distemper, two coats on new work, including  | Sqm | 53.55  |  |  |



|   |        |  |     |        |  |  |
|---|--------|--|-----|--------|--|--|
|   |        | cement primer coat-<br>Internal  |     |        |  |  |
| 4 | PT0053 | Acrylic emulsion two coats -including cement primer one coat-external  | sqm | 56.97  |  |  |
| 5 | PT0047 | Providing and applying finishing coats- Synthetic enamel, for steel & wood work, two coats on new work   | Sqm | 0.50   |  |  |
|   |        | <b>Roofing</b>   |     |        |  |  |
| 1 | SW0022 | Steel work welded, in built up sections, trusses, frame-works including cutting, hoisting, fixing and appl. priming coat of red lead paint                                       | Kg  | 266.10 |  |  |
| 2 | A/R    | All purlin-(25x25x3.2mm)   | Kg  | 112.20 |  |  |
| 3 | RF0004 | Providing & fixing Pre-Painted Galvalume (PPGL) sheeting, including necessary accessories for fixing sheet (excluding the cost of purlins, rafter and trusses) - 25g (0.5mm)     | Sqm | 39.44  |  |  |
| 4 | RF0008 | Providing & fixing 600 mm ridges or hips in Pre-Painted Galvalume (PPGL) sheets, including necessary accessories for fixing sheet-25g. (0.50mm)                                  | m   | 12.74  |  |  |
|   |        | <b>Doors and windows</b>   |     |        |  |  |
| 1 | A/R    | Providing an fixing in position dressed wood work in frames of doors-local wood  | cum | 0.40   |  |  |
| 2 | WW0357 | Providing & fixing flush door shutters (pre-fabricated), block-board core with teak ply veneer-complete accessories like 4 nos hinges, tower bolt, sliding bolt and handle-35 mm | Sqm | 2.1    |  |  |
| 3 | A/R    | Steel window with 4 mm glass   | nos | 3.00   |  |  |
|   |        | <b>Electrical works</b>  |     |        |  |  |



| <b>A. POINT WIRING</b> |        |  |       |       |  |
|------------------------|--------|--|-------|-------|--|
| <b>1</b>               |        | Wiring for light points, ceiling fan, exhaust fan and call bell points with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe including connections, painting, testing and commissioning etc. as required  |       |       |  |
| <b>i)</b>              | WH0300 | <b>Short point</b>   | Point | 2.00  |  |
| <b>ii)</b>             | WH0301 | <b>Medium point</b>  | Point | 2.00  |  |
| <b>2</b>               |        | Wiring for lighting circuit with 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe including connections, painting, testing and commissioning etc. as required   |       |       |  |
| <b>i)</b>              | WH0391 | <b>2x2.5sq.mm</b>  | Mtrs. | 10.00 |  |
| <b>3</b>               |        | Wiring for 5/6 pin, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable and 2.5 sq. mm 1.1kV grade, PVC insulated copper conductor cable for earth continuity in recessed HDPE pipe with providing and fixing 5/6 pin, 16 ampere socket outlet and switch including earthing the third pin, connections, painting, testing and commissioning etc. as required. |       |       |  |
| <b>i)</b>              | WH0340 | <b>Short point</b>   | Point | 1.00  |  |
| <b>4</b>               |        | Wiring for 3 pin, 6 Ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable in recessed HDPE pipe with providing and fixing 3 pin, 6 ampere socket outlet and switch including earthing third pin and connections, painting, testing and  |       |       |  |



|   |        |   |       |      |  |  |
|---|--------|---|-------|------|--|--|
|   |        | commissioning etc. as required  |       |      |  |  |
| i)  | WH0320 | <b>Short Point</b>  | Point | 1.00 |  |  |
| <b>B SUPPLYING &amp; FIXING OF FITTINGS &amp; LAMPS</b>     |        |   |       |      |  |  |
| 1   | IL0382 | Supplying & fixing of prewired indoor surface/ceiling mounted, 20 W, CW LED Tube light luminaries of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning as required.   | Each  | 2.00 |  |  |
| 2   |        | Supplying, installation, testing & commissioning of energy efficient ceiling fan of 240-volt A.C 1400 rpm with all accessories such as electronics regulator, down rod, sweep 3 Nos., canopy 2 Nos., condenser and fan body etc. complete as required |       |      |  |  |
| i)  | FN0003 | 1200mm sweep  | Each  | 1.00 |  |  |
| 3   |        | Supplying & fixing of holders on surface wall with PVC square box including necessary cutting, connection testing etc. as required  |       |      |  |  |
| i)  | SS0232 | Angle holder (heavy duty, brass plunger)  | Each  | 1.00 |  |  |
| 4   | LS0210 | Supplying & fixing of LED Lamp with 3000/4000/6000K (22W)   | Each  | 1.00 |  |  |
| <b>C SUPPLY, FIXING &amp; INSTALLATION OF CONTROL GEARS</b> |        |   |       |      |  |  |
| 1   |        | Supply & fixing of SPN distribution board (DIN type, horizontal) with metal door, 230-volt A.C complete with all accessories without MCB/isolator/RCCB outgoing or incoming etc. as required.   |       |      |  |  |
| i)  | GB0515 | 4 Ways  | Each  | 1.00 |  |  |



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|                             |        |   |      |       |  |  |
|-----------------------------|--------|---|------|-------|--|--|
| 2                           |        | Supply & Installation, testing & commissioning of miniature circuit breaker (MCB) C-series, single pole, 230-volt A.C in sub distribution board complete with all accessories suitable to fix on a din-bar etc. as required                             |      |       |  |  |
| i)                          | GB0270 | MCB -SP; 6A   | Each | 1.00  |  |  |
| ii)                         | GB0272 | MCB -SP; 16A  | Each | 1.00  |  |  |
| 3                           |        | Supply & Installation, testing & commissioning of miniature circuit breaker (MCB) C-series, double pole, 230-volt A.C in main control board / sub distribution board complete with all accessories suitable to fix on a din-bar etc. as required        |      |       |  |  |
| i)                          | GB0315 | MCB -DP; 32 A   | Each | 1.00  |  |  |
| <b>D POWER CABLE SUPPLY</b> |        |   |      |       |  |  |
| 1                           |        | Supplying of Power Cables (1.1kV) 2- Core Copper-Unarmored, PVC insulated & sheathed  |      |       |  |  |
| i)                          | PC0342 | <b>6 sq.mm</b>  | M    | 35.00 |  |  |
| 2                           |        | Laying of one number PVC insulated and sheathed power cable copper/aluminum, armored/un-armored 1.1KV single core to four core direct in the ground including excavation, sand Cushing, protective covering and refilling the trenches etc. as required |      |       |  |  |
| i)                          | CL0001 | <b>Up to 6sq.mm</b>   | M    | 35.00 |  |  |
| <b>F EARTHING</b>           |        |   |      |       |  |  |
| 1                           |        | Supplying & fixing of earthing including all accessories, machinery enclosure, C.I cover plate having lock arrangement, watering pipe with excavation and refilling work including  |      |       |  |  |



|    |        |   |                                       |       |  |  |
|----|--------|---|---------------------------------------|-------|--|--|
|    |        | charcoal or coke and salt complete as required as per standard earthing drawing.  |                                       |       |  |  |
| i) | ET0002 | with copper plate 600x600x3mm   | Each                                  | 1.00  |  |  |
| 2  |        | Providing & laying of earth connection from earth electrodes in 15 mm dia G.I pipe to main control panel board and distribution board as required as per standard earthing drawing. |                                       |       |  |  |
| i) | ET0046 | with 4.06mm dia. Copper wire (8 SWG)  | Mtrs.                                 | 15.00 |  |  |
|    |        |   |                                       |       |  |  |
|    |        |   | <b>Total Civil + Electrical (VII)</b> |       |  |  |

| <b>VIII. Road Works</b> |          |   |      |          |                     |                       |
|-------------------------|----------|---|------|----------|---------------------|-----------------------|
| SL. No                  | BSR Code | Description   | Unit | Quantity | Rate In Figure (Nu) | Amount In Figure (Nu) |
| 1                       | RW0283   | Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using asphalt/bitumen sprayer including preparing the surface and cleaning with road broom. On old bituminous surface (resurfacing work) @ 0.75kg/sq.m  | Sqm  | 2522.02  |                     |                       |
| 2                       | RW0141   | Providing and Laying Asphalt/Bituminous Concrete to required degree of compaction based on the job mixture design approved by the supervising engineer using asphalt plant, paver, steel roller, tyre roller etc. as per material gradation and aggregate quality specified-35 mm | Sqm  | 2522.2   |                     |                       |
|                         |          | <b>V-Drain</b>  |      |          |                     |                       |



|   |         |   |     |        |  |  |
|---|---------|---|-----|--------|--|--|
| 3 | RW0108  | Construction of Lined V Shaped drain 600 X 300 with 50mm thick PCC 1:2:4, 150 mm thick stone soling, RRM in CM 1:5 on sides, finished with 20mm thick 1:4 cement plaster including excavation, levelling and disposal of surplus earth within 50m |     | 32     |  |  |
|   |         | <b>RCC U-Drain</b>  |     |        |  |  |
| 1 | RW0016  | Earthwork in Excavation in foundation trenches or drains including dressing of sides and ramming of bottom, disposal of surplus excavated soil within 50m lead- All types of soil   | cum | 15     |  |  |
| 2 | SM0072  | Providing and laying Hand packed stone filling or soling with stones  | Cum | 5.03   |  |  |
| 3 | CW0006  | Providing and laying in position plain cement concrete excluding the cost of centering and shuttering   | Cum | 3.1    |  |  |
| 4 | RC0002  | Providing & laying in position reinforced cement concrete 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)   | Cum | 4.22   |  |  |
| 5 | RC00083 | 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   | Kg  | 405.00 |  |  |
|   |         | Grating   |     |        |  |  |
|   |         | Steel work in single section including cutting, hoisting, fixing  |     |        |  |  |




|   |        |   |                          |         |  |  |
|---|--------|---|--------------------------|---------|--|--|
|   |        | and applying priming coat of red lead paint |                          |         |  |  |
| 6 | SW0002 | Flats-50x50x5mm                             | Kg                       | 1290.02 |  |  |
| 7 | SW0003 | Angle-50x50x5 mm                            | Kg                       | 420.09  |  |  |
|   |        |   | <b>Total (VIII) (Nu)</b> |         |  |  |

| <b>IX). Electrical rewiring of Class III Type-32 units</b> |                 |   |             |                 |                            |                              |
|--|-----------------|---|-------------|-----------------|----------------------------|------------------------------|
| <b>SL. No</b>  | <b>BSR Code</b> | <b>Item Description</b>   | <b>Unit</b> | <b>Quantity</b> | <b>Rate in Figure (Nu)</b> | <b>Amount in Figure (Nu)</b> |
| <b>Wiring and accessories</b>                              |                 |   |             |                 |                            |                              |
| 1  |                 | Rewiring of light, fans, call bell and 2 pin light socket outlets with 1.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing & capping including dismantling as per site requirement, painting, testing and commissioning etc. as required |             |                 |                            |                              |
| a  | WR0240          | Short Point   | point       | 48.00           |                            |                              |
| b  | WR0241          | Medium Point  | point       | 96.00           |                            |                              |
| c  | WR0242          | Long Point  | point       | 8.00            |                            |                              |
| 2  |                 | Rewiring for 3 pin, 6 ampere plug point with 2.5 sq.mm 1.1kV grade, PVC insulated copper conductor cable on existing PVC casing & capping including dismantling as per site requirement, painting, testing and commissioning etc. as required                           |             |                 |                            |                              |
| a  | WR0260          | Short Point   | point       | 8.00            |                            |                              |
| b  | WR0261          | Medium Point  | point       | 16.00           |                            |                              |
| 3  |                 | Rewiring for 3/5 pin, 16 ampere, 16 ampere plug point with 4 sq.mm 1.1kV grade, PVC insulated copper conductor cable with 1 sq. mm green color 1.1kV grade, PVC insulated copper conductor cable for  |             |                 |                            |                              |



|  |        |  |       |        |  |  |
|--|--------|--|-------|--------|--|--|
|  |        | earth continuity on existing PVC casing & capping including dismantling as per site requirement, painting, testing and commissioning etc. as required  |       |        |  |  |
| a  | WR0290 | Short Point  | point | 8.00   |  |  |
| b  | WR0291 | Medium Point   | point | 16.00  |  |  |
| c  | WR0292 | Long Point   | point | 32.00  |  |  |
| 4  |        | Rewiring for points in excess length above long points with 1.1kV grade, PVC insulated copper conductor cable on existing PVC/HDPE, recessed conduit including dismantling as per site requirement, painting, testing and commissioning etc. as required |       |        |  |  |
| b  | WR0316 | 2x2.5 sq.mm  | m     | 276.30 |  |  |
| c  | WR0302 | 2x4 sq.mm  | m     | 66.30  |  |  |
| 5  |        | Supplying and fixing of PVC casing & capping on surface including cup washer, screws, bends, elbows, Tees, corners, etc. complete as required  |       |        |  |  |
| a  | CD0047 | 25x10x1.2mm  | m     | 707.00 |  |  |
|  |        | <b>Total amount (A) (Nu)</b>   |       |        |  |  |
| <b>B. Luminaries fixture and accessories</b> |        |  |       |        |  |  |
| 6  |        | Supplying & fixing of PVC boxes for switch/socket outlet/switch socket combined/ gang switches on surface including painting etc as required (Anchor/Roma/Legrand/BSB Approved equivalent brand)   |       |        |  |  |
| a  | BX0021 | 2 Module   | each  | 16.00  |  |  |
| b  | BX0022 | 3 Module   | each  | 56.00  |  |  |
| c  | BX0023 | 4 Module   | each  | 8.00   |  |  |
| d  | BX0024 | 6 Module   | each  | 16.00  |  |  |
| e  | BX0025 | 8 Module (linear)  | each  | 8.00   |  |  |



|  |        |   |      |        |  |   |
|--|--------|---|------|--------|--|---|
| 7  |        | Supplying & fixing of plates & frame for switch/socket outlet/switch socket combined/ gang switches, etc as required  |      |        |  |   |
| a  | PF0012 | Plate 2-module with frame   | each | 16.00  |  |   |
| b  | PF0013 | Plate 3-module with frame   | each | 56.00  |  |   |
| c  | PF0014 | Plate 4-module with frame   | each | 8.00   |  |   |
| d  | PF0015 | Plate 6-module with frame   | each | 16.00  |  |   |
| e  | PF0016 | Plate 8-module with frame   | each | 8.00   |  |   |
| 8  |        | Supplying & fixing of 6A switch on existing PVC box (recessed or surface) including necessary cutting, connection testing etc. as required.   |      |        |  |   |
| a  | SS120  | 6A switch SP 1-way  | each | 144.00 |  |   |
| b  | SS122  | Bell push 6A  | each | 8.00   |  |   |
| c  | SS0185 | 16A/20A switch SP 1-way   | each | 56.00  |  |   |
| 9  |        | Supplying & fixing of switch/socket on existing PVC surface box including necessary cutting, connection testing etc. as required.   |      |        |  |   |
| a  | SS0167 | Ceiling Rose, 2 plate (PVC) 6A  | each | 96.00  |  |   |
| 10   |        | Supplying & fixing of switch/socket on existing PVC /metal/ molded tough surface box metal box (recessed or surface) with fibre sheet cover (recessed or surface) including necessary cutting, connection testing etc. as required. |      |        |  |   |
| a  | SS0175 | 3-pin, 6A socket outlet, shuttered  | each | 24.00  |  |   |
| b  | SS0187 | 5/6 pin, 6/16A socket outlet, shuttered   | each | 56.00  |  |   |
| <b>Supplying and fixing of following indoor fittings: complete set as required</b> |        |   |      |        |  |  |

|    |        |   |      |       |  |  |
|----|--------|---|------|-------|--|--|
| 11 |        | Supplying & fixing of prewired indoor surface/ceiling mounted 4' LED Tube light luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning.                                |      |       |  |  |
| a  | IL0382 | 20W   | each | 56.00 |  |  |
| 12 |        | Supplying & fixing & testing of prewired indoor wall mounted wall brackets luminaires suitable for GLS, CFL & LED lamps, complete with all accessories such as base, holder, glass globe, etc etc. but without lamp |      |       |  |  |
| a  | IL0082 | Single swivel wall bracket down lighter, projection 375mm, height 250mm finish painted with switch,   | each | 24.00 |  |  |
| 13 |        | Supplying & fixing of prewired indoor surface/ceiling mounted Down light LED luminaires of 3000/4000/6000k, complete with all accessories with necessary testing & commissioning.                                   |      |       |  |  |
| a  | IL0455 | 22W   | each | 8.00  |  |  |
| 14 |        | Supply and fixing on existing PVC with fiber sheet cover, round block, junction box (recessed or surface) including necessary cutting, connection testing etc. as required.   |      |       |  |  |
| a  | SS0232 | Angle holder (heavy duty, brass plunger)  | each | 24.00 |  |  |
| 15 |        | Supplying & fixing of LED Lamp with 3000/4000/6000K   |      |       |  |  |
| a  | LS0210 | 22W   | each | 48.00 |  |  |



|    |        |   |      |       |  |  |
|----|--------|---|------|-------|--|--|
| 16 |        | Supplying, Installation, testing, commissioning and wiring with PVC insulated copper conductor of ceiling fan 240-volt A.C 1400 rpm with all accessories on the existing down rod such as sweep 3 Nos., canopy 2 Nos., condenser and fan body etc. complete as required |      |       |  |  |
| a  | FN0002 | 1200mm sweep  | each | 24.00 |  |  |
| 17 |        | Supplying, installation, testing & commissioning of exhaust fan 240-volt A.C 900 rpm with all accessories such as frame with arm 3 Nos., sweep 3 Nos., condenser and fan body etc. complete as required   |      |       |  |  |
| a  | FN0016 | 380mm sweep   | each | 8.00  |  |  |
| 18 |        | Supplying & fixing of fan regulator / bell buzzer on existing PVC molded tough surface box (recessed or surface) including necessary cutting, connection testing etc. as required.  |      |       |  |  |
| a  | SS0135 | Fan regulator (Electronic type) Anchor  | each | 24.00 |  |  |
| b  | SS0250 | Supplying and fixing of buzzer bell   | each | 8.00  |  |  |
|    |        | Total Amount (B) (Nu)   |      |       |  |  |

**C. Control gear and protections.**

|    |  |  |  |  |  |  |
|----|--|--|--|--|--|--|
| 19 |  | Supply, installation, testing and commissioning of miniature circuit breaker (MCB) single pole, 230-volt A.C complete with all accessories suitable to accommodate on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc as required.<br>(Havels/HPL/Legrand |  |  |  |  |
|----|--|--|--|--|--|--|



|                                       |        |  |                       |       |  |  |
|---------------------------------------|--------|--|-----------------------|-------|--|--|
|                                       |        | make or BSB Appd equivalent brand).  |                       |       |  |  |
| a                                     | GB0270 | Single pole MCB: 6A  | each                  | 8.00  |  |  |
| b                                     | GB0272 | Single pole MCB: 16A   | each                  | 56.00 |  |  |
| 20                                    |        | Supply, Installation, testing and commissioning of SPN distribution board (DIN type) with metal door, 230-volt A.C complete with all accessories without MCB/isolator/RCCB outgoing or incoming etc. Including drilling holes, connections etc as required   |                       |       |  |  |
| a                                     | GB0514 | 2 ways   | each                  | 8.00  |  |  |
| b                                     | GB0517 | 8 ways   | each                  | 8.00  |  |  |
| 21                                    |        | Supply, installation, testing and commissioning of miniature circuit breaker (MCB) double pole, 230-volt A.C complete with all accessories suitable to accommodate on/in prefabricated MS surface/MS cubical control panel board including drilling holes, connections etc as required.<br>(Havels/HPL/Legrand make or BSB Approved equivalent brand). |                       |       |  |  |
| a                                     | GB0316 | Double pole MCB: 40A   | each                  | 8.00  |  |  |
| 22                                    | AR     | Supplying and fixing of wooden distribution having locking arrangement with wire mesh, including painting complete as required at site (26" x 16" x 8")  | each                  | 8.00  |  |  |
|                                       |        |  | Total amount (C) (Nu) |       |  |  |
| <b>D. Dismantling and Demolishing</b> |        |  |                       |       |  |  |



|           |   |  |            |      |      |  |
|-----------|---|--|------------|------|------|--|
| 23        | AR  | Dismantling /removal of old electrical wiring including, conduits for light, fan, call bell, socket outlets (16A/ 6A) circuit / submain wiring etc. and stacking materials and handing over to regional office (Phuntsholing) including repairing plaster, painting etc. making surface good. Quote should be dismantled and removal wires, conduits etc. for one unit including sub main wires. | each       | 8.00 |      |  |
|           |   | Total amount (D)   |            | Nu.  |      |  |
|           |   | Total (A+B+C+D)/(IX)   |            |      | (Nu) |  |
| <b>X)</b> |   | Occupational Health and Safety measures  | <b>Nu.</b> |      |      |  |
|           | <b>Total</b><br><b>(I+II+III+IV+V+VI+VII+VIII+IX+X)</b> |  | <b>Nu</b>  |      |      |  |



3. Bid Securing Declaration

**Form of Bid-Securing Declaration**

Date: \_\_\_\_\_

IFB No.: \_\_\_\_\_

To: \_\_\_\_\_

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid Securing Declaration.

We accept that we are required to pay the Bid Security amount specified in the Bidding Data Sheet within 5 days of your instruction and failure to do so will debar us from being eligible for Bidding in any contract with all the government procuring agencies for the period prescribed in the Debarment Rules if we are in breach of our obligation(s) under the Bid conditions, because we:

- (a) Have withdrawn our Bid during the period of Bid validity specified by the Bidder in the Form of Bid; or
- (b) having not accepted the correction of errors in accordance with the Instructions to Bidders ITB; or
- (c) Having been notified of the acceptance of our Bid by the Procuring Agency during the period of Bid validity, (i) fail or refuse to furnish the performance security in accordance with the ITB, or (ii) fail or refuse to execute the Contract in accordance with the ITB.

The procuring agency has the authority to immediately go to the next bidder, once the notice is served to the defaulting bidder.

Signed: \_\_\_\_\_

In the capacity of \_\_\_\_\_

Name: \_\_\_\_\_

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

Dated on \_\_\_\_\_ day of \_\_\_\_\_,

Corporate Seal (where appropriate)

Affix Legal Stamp



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:<br>[indicate country of Constitution]  |
| Bidder's actual or intended year of incorporation:  |
| Bidder's legal address [in country of registration]:  |
| Bidder's authorized representative information<br>Name: _____<br>Address: _____<br>Mobile/Telephone/Fax numbers: _____<br>E-mail address: _____   |
| 1. Attached are copies of original documents of <ul style="list-style-type: none"> <li>• 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</li> <li>• In case of State-Owned Enterprise or institution, in accordance with ITB 3.5, documents establishing:                     <ul style="list-style-type: none"> <li><input type="checkbox"/> Legal and financial autonomy;</li> <li><input type="checkbox"/> Operation under commercial law; and</li> <li><input type="checkbox"/> That the Bidder are not dependent agency of the Procuring Agency.</li> </ul> </li> </ul> |
| 2. 2.Included are the organizational chart, a list of Board of Directors, and the beneficial ownership.   |
| 3. Power of attorney authorizing the signatory of the Bid to sign on behalf of the Bidder   |



5. Access to adequate equipment

| Tier | Equipment Type | Total (No) |
|------|----------------|------------|
| I    |                |            |
| II   |                |            |
| III  |                |            |
|      |                |            |

6. Availability of skilled manpower

| Tier | Equipment Type | Total (No) |
|------|----------------|------------|
| I    |                |            |
| II   |                |            |
| III  |                |            |
| IV   |                |            |
|      |                |            |

**NOTE:** Tier IV- Fresh Graduate/Diploma Engineer trained and certified in CMS, OHS, e-GP & CDB/BCTA refresher courses.



7. 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 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 fulfillment 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 fulfillment of lending norms

[insert signature(s) of authorized representative(s) of bank] Address of the Bank [*This  
should be given by each JV members*]



## 8. INTEGRITY PACT

### 1. **General:**

Whereas (*Name of head of the Procuring Agency or his/her authorized representative, with power of attorney*) representing the (*Name of Procuring Agency*), Royal Government of Bhutan, hereinafter referred to as the “Procuring Agency” on one part, and (*Name of Bidder or his/her authorized representative, with power of attorney*) representing M/s. (*Name of firm*), 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.

### 2. **Objectives:**

Whereas, the Procuring Agency 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<sup>25</sup> and Contract administration<sup>26</sup> with a view to:

- 2.1. Enabling the Procuring Agency 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 Procuring Agency:

The Procuring Agency Commits itself to the following:-

- 4.1. The Procuring Agency hereby undertakes that no officials of the Procuring Agency, 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 Procuring Agency further confirms that its officials shall not favor 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 Procuring Agency, 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 Procuring Agency 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 Procuring Agency, 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.

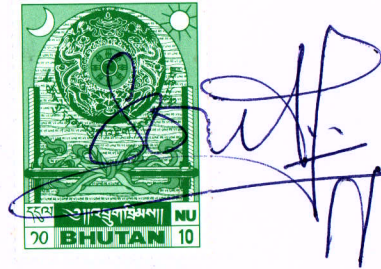


**7. Monitoring and Administration:**

- 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/setting aside as per the arbitration mechanism contained in the relevant rules.

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

PROCURING AGENCY

CID: 1152005084

Witness:

Name: *Kuenrang Tenzin*

CID: 11102004672

BIDDER/REPRESENTATIVE

CID:

Witness:

Name:

CID:

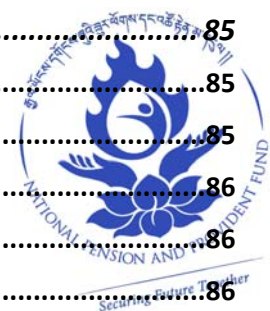




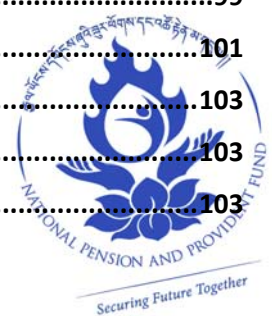
## SECTION VI. GENERAL CONDITIONS OF CONTRACT

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## GENERAL CONDITIONS OF CONTRACT (GCC)

### A. General

#### 1. Definitions

- 1.1. Bold face type is used to identify defined terms.
- (a) **Bill of Quantities** summary of the units and unit prices of the items proposed under the contract.
  - (b) **Compensation Events** are those defined in GCC Clause 45 here under.
  - (c) **The Completion Date** is the date of completion of the Works as certified by the Procuring Agency, in accordance with GCC Sub- Clause 55.1.
  - (d) The Contract is a formal agreement in writing entered into between the Procuring Agency and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in GCC Sub-Clause 2.3 below.
  - (e) 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 Procuring Agency.
  - (f) The **Contractor's Bid** is the completed Bidding Document submitted by the Contractor to the Procuring Agency.
  - (g) The **Contract Price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.
  - (h) **Days** are calendar days; months are calendar months.
  - (i) **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.
  - (j) A **Defect** is any part of the Works not completed in accordance with the Contract.
  - (k) The **Defects Liability Certificate** is the certificate issued by the Procuring Agency upon correction of defects by the Contractor.
  - (l) The **Defects Liability Period** is the period named in SCC Sub Clause 36.1 and calculated from the Completion Date.
  - (m) **Drawings** include calculations and other information provided or approved by the Procuring Agency for the execution of the Contract.
  - (n) The **Procuring Agency** is the Government Agency which enters into a Contract with a Contractor to carry out the Works, as specified in the SCC.



- (o) **Equipment** is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.
- (p) The **Initial Contract Price** is the Contract Price listed in the Procuring Agency's Letter of Acceptance.
- (q) 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 Procuring Agency by issuing an extension of time or an acceleration order.
- (r) **In writing** is in any written form, including electronic mail.
- (s) **Materials** are all supplies, including consumables, used by the Contractor for incorporation in the Works.
- (t) **Plant** is any integral part of the Works that shall have a mechanical, electrical, chemical or biological function.
- (u) The **Project Manager** is the person named in the SCC (or any other competent person appointed by the Procuring Agency and notified to the Contractor, to act in replacement of the Procuring Agency) who is responsible for supervising the execution of the Works and administering the Contract.
- (v) **SCC** is the Special Conditions of Contract.
- (w) **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.
- (x) The **Site** is the area defined as such in the SCC.
- (y) **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 Principal 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 Procuring Agency, as defined in the SCC.

## 2. Interpretation

- 2.1. In interpreting these GCC, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Project Manager shall provide instructions clarifying queries about these GCC.
- 2.2. If sectional completion is specified in the SCC, references in the GCC to the Works, the Completion Date and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).
- 2.3. The documents forming the Contract shall be interpreted in the following order of priority:
  - (a) Contract;
  - (b) Letter of Acceptance;
  - (c) Contractor's Bid;
  - (d) Special Conditions of Contract;
  - (e) General Conditions of Contract;
  - (f) Specifications;
  - (g) Drawings;
  - (h) Bill of Quantities;<sup>27</sup> and
  - (i) Any other document listed in the SCC as forming part of the Contract.

## 3. Language and Law

3.1. The language of the Contract and the law governing the Contract are stated in the SCC.



#### 4. Project Manager's decision

- 4.1. Except where otherwise specifically stated, the Project Manager's shall decide contractual matters between the Procuring Agency and the Contractor in the role representing the Procuring Agency.

#### 5. Delegation

- 5.1. The Project Manager may delegate any of his duties and responsibilities to other people after notifying the Contractor, and may cancel any delegation after notifying the Contractor.

#### 6. Communications

- 6.1. Communications between parties that are referred to in the Conditions shall be effective only when in writing and delivered by hand (against receipt), sent by mail or courier, or transmitted using any of the agreed systems of electronic transmission. A notice shall be effective only when it is delivered.

#### 7. Subcontracting

- 7.1. The Procuring Agency:
  - (a) Shall define the mechanism for sub-contracting of parts of works to Specialized firms registered with Bhutan Construction and Transport Authority or any other competent authority for specialized categories of works provided in the guidelines for registration of such firms; or
  - (b) May define the mechanism for sub-contracting of parts of works to general contractor registered with Bhutan Construction and Transport Authority or any other competent authority for categories of works for which specialized firms are not available.
- 7.2. For clause 7.1 (a), the principal contractor shall commit the Specialized firms with their names during the Bidding and deploy the same once selected as winning Bidder with a notification to the procuring of such deployment.
- 7.3. For clause 7.1 (b), the principal contractor shall seek approval of the Procuring Agency for sub-contracting of works to the contractor registered with Bhutan Construction and Transport Authority or any other competent authority. In the event an approval is accorded by the Procuring Agency, such approval does not relieve the principal contractor of his obligations under the contract.
- 7.4. Payments shall be made directly to the successful Bidder, not to the specialized firms or sub-contractor unless explicitly agreed otherwise between the Procuring Agency and the contractor with the specific mechanism to do so.
- 7.5. The principal contractor shall execute a contract with the specialized firm or a general subcontractor which shall bind the parties throughout the contract including the defect liability period.

#### 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



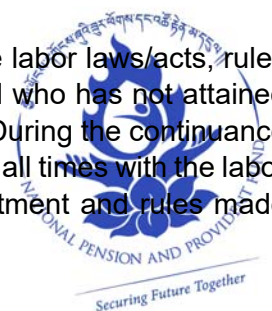
required to do so by the Procuring Agency. Boreholes, exploratory excavations or soil testing may be done if instructed by the Procuring Agency. In case, cost of boreholes or exploratory excavations or soil testing is not included in the Contract Price, the cost shall be borne by the Procuring Agency. The contractor shall provide all facilities like labor and instruments, and shall co-operate with the Project manager 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, sub-contractors, public authorities, utilities and the Procuring Agency 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 Procuring Agency may modify the Schedule of Other Contractors, and shall notify the Contractor of any such modification.

## 10. Personnel & Equipment

- 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 Procuring Agency 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 Procuring Agency. If the Contractor fails to deploy such key personnel within one to four months<sup>28</sup>, the deductions shall be discontinued and the contractor's failure to deploy such personnel shall be treated a fundamental breach of 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 observer conditions of labor 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 labor 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 labor with appropriate qualifications and experience.
- 10.3. The Contractor shall not engage child labor and shall conform to the labor 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 laborer. During the continuance of the Contract, the Contractor and his Sub-contractors shall abide at all times with the labor laws/acts, rules and regulations, including child labor, related enactment and rules made there under.



- 10.4. A Bid that does not fulfill the minimum experience for the Tier(s) specified for the key personnel shall be rejected before proceeding to Bid evaluation.
- 10.5. A Bid that does not fulfill the minimum number for the Tier(s) specified for the equipment shall be rejected before proceeding to Bid evaluation.

#### 11. Procuring Agencies and Contractor's Risks

- 11.1. The Procuring Agency carries the risks which this Contract states are Procuring Agency's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

#### 12. Procuring Agency's Risks

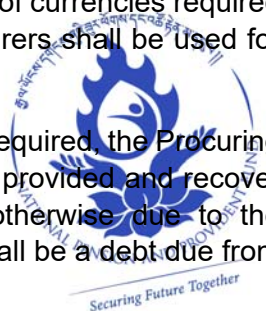
- 12.1. From the Start Date until the Defects Liability Certificate has been issued, the following are Procuring Agency's risks:
- (a) The risk of personal injury, death, or loss of or damage to property (excluding the Works, Plant, Materials and Equipment), which are due to:
- (i) use or occupation 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 Procuring Agency 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 Procuring Agency or in the Procuring Agency'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 Procuring Agency's risks are Contractor's risks.

#### 14. Insurance

- 14.1 The Contractor shall provide, in the joint names of the Procuring Agency 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:
- (a) loss of or damage to the Works, Plant and Materials to be built into the works.
- 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.
- 14.3 If the Contractor does not provide any of the policies and certificates required, the Procuring Agency may affect the insurance which the Contractor should have provided and recover the premiums the Procuring Agency 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 Procuring Agency.



14.4 Alterations to the terms of insurance shall not be made without the approval of the Project Manager.

14.5 Both parties shall comply with any conditions of the insurance policies.

#### 15. Queries about the Special Conditions of Contract

15.1. The Contractor shall construct and install the Works in accordance with the Specifications and Drawings.

#### 16. Contractor to Construct the Works

16.1 The Project Manager shall clarify queries on the SCC.

#### 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 Manager

- 18.1. The Contractor shall submit Specifications and Drawings showing Project Manager 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 and the procuring agency shall comply with Occupational Health and Safety related regulations for the safety of all activities on the Site.
- 19.2. The Contractor shall 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 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 Procuring Agency. The Contractor shall notify the Project Manager of such discoveries and carry out the Procuring Agency'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 Procuring Agency and the contractor shall take care of useful materials obtained during the execution of the Works and stack at place designated by the Procuring Agency. An arrangement shall be made between the Contractor and the Procuring Agency 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 Procuring Agency 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 Procuring Agency 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 Procuring Agency access to the Site and to any place where work in connection with the Contract is being carried out or is intended to be carried out.

## 23. Instructions, Inspections and Audits

- 23.1. The Contractor shall carry out all instructions of the Project Manager which comply with the applicable laws where the Site is located.
- 23.2. The Contractor shall give notice to the Project Manager whenever any work is ready and before it is covered up, put out of sight, or packaged for storage or transport. The Project Manager shall then either carry out the examination, inspection, measurement or testing without unreasonable delay, or promptly give notice to the Contractor that he does not require to do so. If the Contractor fails to give notice, he shall, if and when required by the Project Manager, uncover the work and thereafter reinstate and make good, all at the Contractor's cost.
- 23.3. The Contractor shall permit the Procuring Agency and/or persons appointed by the Procuring Agency 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 Procuring Agency if so required by the Procuring Agency. 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 Procuring Agency's inspection and audit rights provided for under GCC Sub-Clause 23.3 constitute a prohibited practice subject to contract termination (as well as to a determination of ineligibility pursuant to ITB Sub- Clause 2.1 (c) of the Instructions to Bidders within the Bidding Documents that preceded the placement of the Contract of which these GCC form a part).

## 24. Disputes

- 24.1. If the Contractor believes that a decision taken by the Project Manager was either outside the authority given to the Project Manager by the Contract or that the decision was wrongly taken, the decision shall be referred to the head of the Procuring Agency for review.

## 25. Procedure for Disputes

- 25.1. The head of the Procuring Agency or its authorized representative shall give a decision in writing within 10 days of receipt of a notification of a dispute provided in clause 24.
- 25.2. Either party may refer a decision of the head of the Procuring Agency or its authorized representative to an Arbitrator as prescribed in Alternative Dispute Resolution Act of Bhutan and its implementing legislations or any other law of arbitration specified in the contract.
- 25.3. The arbitration shall be conducted in accordance with the arbitration procedure published by the institution named and, in the place, specified in the SCC formulated in compliance to Alternative Dispute Resolution Act of Bhutan or any other law of arbitration specified in the contract.



## 26. Continuation of work

- 26.1. The dispute resolution shall not prohibit continuation of execution of the work unless injunction or any such orders are issued by the court of law.

## B. Time Control

### 27. Resource-Based Work Plan

- 27.1 Within the time stated in the SCC, which shall not be more than 30 days, after the date of the Letter of Acceptance, the Contractor shall submit to the Project Manager for approval of a Resource-Based Work Plan showing the general methods, arrangements, order and timing for all the activities in the Works linked with the availability of resources.

- 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 Resource-Based Work Plan 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 work plan under GCC 27.1.

Other than as a result of a cause listed in GCC 45 [Compensation Event], then the Project Manager may instruct the Contractor to submit, under Sub-Clause 27.2, a revised Resource-Based Work Plan 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 GCC 45 [Extension of Time for Completion] shall be paid by the Procuring Agency.

- 27.3 The Project Manager's approval of the Resource-Based Work Plan shall not alter the Contractor's obligations. The Contractor may revise the Work plan and submit it to the Procuring Agency again at any time. A revised Work plan 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 seven (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 twenty one (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 Procuring Agency 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 Procuring Agency accepts these proposals, the Intended Completion Date shall be adjusted accordingly and confirmed by both the Procuring Agency and the Contractor.
- 30.2. If the Contractor's priced proposals for acceleration are accepted by the Procuring Agency, 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, and not later than 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 Procuring Agency 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 Bhutan Construction and Transport Authority or any other competent authority.

### 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 Procuring Agency. At the option of the



Procuring Agency, payment of such costs may be made in whole or in part by the Procuring Agency 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 Clause 49.3

#### D. Cost Control

##### 38. Bill of Quantities<sup>29</sup>

- 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<sup>30</sup>

- 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 Procuring Agency 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 Procuring Agency 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; and
- (b) If the quantity of work executed is less than the quantity of the item in BOQ lesser than the lower specified limit, the Procuring Agency 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.

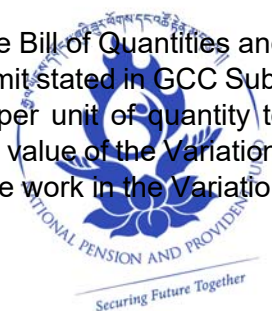
#### 40. Variations



- 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 (Finance Committee constituted in respective agency).
- 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 (Public Investment Board/Public Investment Coordination Committee).
- 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 Programs<sup>31</sup> produced by the Contractor.

#### 41. Payments for variations

- 41.1. The Contractor shall provide the Project Manager analyzed rate for carrying out the Variation when requested to do so by the Project Manager. The Project Manager shall assess the analyzed 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.<sup>32</sup>

- 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

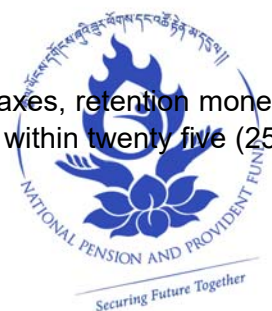
- 42.1. When the Program<sup>33</sup> is updated, the Contractor shall provide the Project Manager with an updated cash flow forecast. The cash flow forecast shall include different currencies, as defined in the Contract, converted as necessary using the Contract exchange rates.

#### 43. Payment Certificates

- 43.1. The Contractor shall submit to the Project Manager monthly Certificates 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 fifteen (15) 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<sup>34</sup> 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 Procuring Agency shall pay the Contractor within twenty five (25)



days from the date of receipt of correct and verified bills/invoices in complete form by the Finance Section.

- 44.2. If the Procuring Agency 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 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 Procuring Agency and shall be deemed covered by other rates and prices in the Contract.



#### 45. Compensation Events allowing time extension

45.1. The following shall be Compensation Events allowing for time extension:

- (a) The Procuring Agency does not give access to a part of the Site by the extension Site Possession Date pursuant to GCC Sub-Clause 21.1.
- (b) The Procuring Agency 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 for general works.
- (f) The Project Manager gives an instruction for dealing with an unforeseen condition, caused by the Procuring Agency, or additional work required for safety or other reasons.
- (g) Other contractors, public authorities, utilities or the Procuring Agency 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 Procuring Agency 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:



- (i) war, hostilities (whether war be declared or not), invasion, act of foreign enemies;
- (ii) rebellion, terrorism, sabotage by persons other than the Contractor's Personnel, revolution, insurrection, military or usurped power, or civil war;
- (iii) riot, commotion, disorder, strike or lockout by persons other than the Contractor's Personnel;
- (iv) 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/or
- (v) natural catastrophes such as earthquake, hurricane, typhoon. Glacial Lake Outburst Floods or volcanic activity.

However, force majeure may not include the following unless determined as exceptional event or circumstances:

- (i) rainfall;
- (ii) snowfall;
- (iii) strikes in other countries;
- (iv) non-availability of laborer and materials such as timbers; boulders, sand, and other materials; and/or
- (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 Procuring Agency's interests are adversely affected by the Contractor not having given early warning.

45.4. The exceptional event or circumstances provided in GCC clause 45.1 (h) which do not come within purview of Force Majeure requires approval of the Tender committee with justification for the approval of compensation.

#### 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 twenty one (21) 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 Bureau<sup>35</sup> (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);

M<sub>0</sub> = 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 Price adjustment formula for Labor shall be calculated as follows:

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

V= amount of variation for labor 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);

L<sub>0</sub>= National Wage Rate at the time of tender preparation;

L= Revised National Wage Rate for the period under review.

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

48.4 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.

48.5 The price adjustments shall be mandatorily applicable for contract duration of more than twelve (12) months. No price adjustments shall be allowed within first twelve (12) months of any contract.

48.6 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

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- 49.1 The Procuring Agency shall retain<sup>36</sup> 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. The Retention Money shall be returned to the contractor on completion of Defect Liability Period.
- 49.3. Withstanding GCC 49.2, in case of contracts of duration more than 12 months, fifty percent (50%) of the Retention Money may be returned to the contractor upon completion of work against the submission of an unconditional guarantee issued by a reputed financial institution and acceptable to the Procuring Agency. Such a guarantee shall be valid until the issue of a No Defects Liability Certificate.
- 49.4. If the contractor fails to remedy any reported defect within the Defects Liability Period, the Procuring Agency shall withhold the payment or realize claims from the guarantee, of an amount, which in the opinion of the Procuring Agency, represent the cost of the defects to be remedied.
- 49.5. Subject to GCC 49.4, the Retention Money or the balance of it shall be discharged and returned to the contractor within fourteen (14) days of the issue of the No Defects Liability Certificate.
- 49.6. Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defect liability period shall be remedied by the Contractor at the Contractor's cost, if the loss or damage arises from the Contractor's act or omission.



## 50. Liquidated Damages.

50.1. The Contractor shall pay liquidated damages to the Procuring Agency 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 Procuring Agency 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 Procuring Agency shall make advance payment to the Contractor of amount stated in the SCC (mobilization) by the date stated in the SCC, against provision by the Contractor of an Unconditional Bank Guarantee in the form and by a bank acceptable to the Procuring Agency 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; and
- (d) The amount of the secured advance may be hundred percent (100%) 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 Procuring Agency 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 Procuring Agency, and denominated in the types and proportions of the currencies in which the Contract Price is payable. The Performance Security shall be valid until thirty (30) days from the date of issue of the Certificate of Completion.
- 52.2 Following the successful completion of the Contract, the Procuring Agency shall return the Performance Security to the Contractor within fourteen (14) days of receipt of the Certificate of Completion.
- 52.3 The Procuring Agency 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 under seriously unbalanced and/or frontloaded Bid pursuant to ITB Clause 32) shall be payable to the Procuring Agency 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 two (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 Liability 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. After completion certificate is issued by the Engineer, the contract will formally end and the work shall be updated as completed in relevant systems.

55.2 An on-time completion out of a total of thirty percent (30%) scoring shall be done by the Procuring agency. 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 Procuring agency shall penalize the contractor to an extent of thirty percent (30%). The quantum of penalty could vary as following:

(a) 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)

(b) 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)

(c) 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 The contractor shall Mandatory put up a Plaque after completion of work with the following details:

(a) Name of Contractor;

(b) CDB Registration No.;

(c) Contract Amount;

(d) Contract duration; and

(e) Name of the Procuring agency.



## 56. Taking Over

- 56.1 The Procuring Agency 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:
- (a) Name of Contractor;
  - (b) BCTA Registration No.;
  - (c) Trade License No.;
  - (d) Contract Amount;
  - (e) Year of Completion; and
  - (f) 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 fifteen (15) days of receiving the Contractor's account if it is correct and complete. If it is not, the Project Manager shall issue within fifteen (15) 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 provide them by the dates stated in the SCC.
- 58.2 If the Contractor does not provide 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 Procuring Agency 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 Procuring Agency 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 Procuring Agency 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 Procuring Agency as may be applicable;
  - (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;
  - (j) in case of Joint Venture any or all parties fail to fulfill the contractual obligations;
  - (k) Fails to execute the contract in accordance with the contract, such failure being defined in SCC; and
  - (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 Procuring Agency 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 Procuring Agency 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 Procuring Agency 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 Procuring Agency the Contractor shall give a notice to the Procuring Agency thereof to remedy the breach within thirty (30) days of such notice and if the Procuring Agency is still unable to carry out any of its obligations under the Contract for any reason attributable to the Procuring Agency within thirty (30) days of the said notice, the Contractor may by a further notice to the Procuring Agency 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 Procuring Agency 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.
- 59.6 Following the termination of contract, the Procuring Agency may retender or execute the works departmentally.

#### 60. Corrupt or Fraudulent Practices

- 60.1 If the Procuring Agency determines that the Contractor has engaged in corrupt, fraudulent, collusive, coercive or obstructive practices in competing for or in executing the Contract then the Procuring Agency 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 60.6 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"<sup>37</sup> is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value<sup>38</sup> to influence improperly the actions of another party;
  - (b) "fraudulent practice"<sup>39</sup> 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"<sup>40</sup> 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"<sup>41</sup> is impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;



(e) “obstructive practice” is:

- i. deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements to investigators in order materially to impede any investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or
- ii. acts intended materially to impede the exercise of the inspection and audit rights of the Procuring Agency and/or any other relevant RGoB agency provided for under GCC Clause 23.

60.4. will sanction a firm or individual, including declaring them ineligible, either indefinitely or for a stated period of time, to be awarded an RGoB-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 RGoB-financed contract;

60.5. Will have the right to require that a provision be included in Bidding Documents and in contracts financed by the RGoB, requiring Bidders, Suppliers, Contractors and their Subcontractors to permit the Purchaser, any organization or person appointed by the Purchaser and/or any relevant RGoB 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; and

60.6. Will report any case of corrupt, fraudulent, collusive, coercive or obstructive practice to the relevant RGoB agencies, including but not limited to the Anti-Corruption Commission (ACC) of Bhutan, for necessary action in accordance with the statutes and provisions of the relevant agency.



## 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, representing the Procuring Agency's additional cost for completing the remaining Works is 20% up to a maximum of 10% of the Initial Contract Price or as indicated in the SCC. If the total amount due to the Procuring Agency exceeds any payment due to the Contractor, the difference shall be a debt payable by the Contractor to the Procuring Agency.
- 61.2 If the Contract is terminated for the Procuring Agency's convenience or because of a fundamental breach of Contract by the Procuring Agency, the Project Manager shall issue a certificate for the value of the work done, Materials ordered, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works, and less advance payments received up to the date of the certificate.
- 61.3 In pursuant to GCC clause 61.2, after notice of termination, the Procuring Agency shall promptly pay to the contractor the amount of any loss of profit or others loss or damage sustained by the contractor as a result of this termination.

## 62. Property

- 62.1 All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Procuring Agency if the contract is terminated because of a Contractor's default:
- (a) Plants and equipment will be released after due payment of compensations prescribed in GCC clause 61.1.

## 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 Procuring Agency 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**

|                      |  |                      |                         |                    |                         |               |                         |                |                         |
|----------------------|--|----------------------|-------------------------|--------------------|-------------------------|---------------|-------------------------|----------------|-------------------------|
| GCC 1.1 (o)          | The Procuring Agency is <b>National Pension and provident Fund.</b>  |                      |                         |                    |                         |               |                         |                |                         |
| GCC 1.1 (r)          | The Intended Completion Date for the whole of the Works shall be <b>6 months.</b>  |                      |                         |                    |                         |               |                         |                |                         |
| GCC 1.1 (v)          | The Project Manager is <b>Mr. Sangay Thinley, Regional Manager, Samdrup Jongkhar.</b>  |                      |                         |                    |                         |               |                         |                |                         |
| GCC 1.1 (y)          | The Site is located at <b>NPPF Housing Complex, Samdrup Jongkhar.</b>  |                      |                         |                    |                         |               |                         |                |                         |
| GCC 1.1 (bb)         | The Start Date shall be <b>notified in letter of award.</b>  |                      |                         |                    |                         |               |                         |                |                         |
| GCC 1.1 (ff)         | The Works are specified in the <b>Bill of Quantities.</b>  |                      |                         |                    |                         |               |                         |                |                         |
| GCC 2.2              | Sectional Completions are: <b>None.</b>  |                      |                         |                    |                         |               |                         |                |                         |
| GCC 2.3 (9)          | The following documents also form part of the Contract:<br>Schedule of Key Personnel (GCC 10)  |                      |                         |                    |                         |               |                         |                |                         |
| GCC 3.1              | The language of the contract is <b>English</b><br><br>The law that applies to the Contract is the law of the Kingdom of Bhutan.  |                      |                         |                    |                         |               |                         |                |                         |
| GCC 9.1              | Schedule of other contractors: <b>None</b>   |                      |                         |                    |                         |               |                         |                |                         |
| GCC 10.1             | <p>Key Personnel:<br/><i>Site Engineer-One</i><br/><i>Electrician-One</i></p> <p>The amount to be deducted for the key personnel not employed by the contractor for each personnel:</p> <table border="1" data-bbox="422 1326 1353 1406"> <tr> <td><i>Site Engineer</i></td> <td><i>Nu. 15,000/Month</i></td> </tr> <tr> <td><i>Electrician</i></td> <td><i>Nu. 10,000/Month</i></td> </tr> </table> <p>The amount to be deducted for the equipment not available at site:</p> <table border="1" data-bbox="422 1514 1362 1592"> <tr> <td><i>Tier I</i></td> <td><i>Nu. 20,000/Month</i></td> </tr> <tr> <td><i>Tier II</i></td> <td><i>Nu. 10,000/Month</i></td> </tr> </table> | <i>Site Engineer</i> | <i>Nu. 15,000/Month</i> | <i>Electrician</i> | <i>Nu. 10,000/Month</i> | <i>Tier I</i> | <i>Nu. 20,000/Month</i> | <i>Tier II</i> | <i>Nu. 10,000/Month</i> |
| <i>Site Engineer</i> | <i>Nu. 15,000/Month</i>  |                      |                         |                    |                         |               |                         |                |                         |
| <i>Electrician</i>   | <i>Nu. 10,000/Month</i>  |                      |                         |                    |                         |               |                         |                |                         |
| <i>Tier I</i>        | <i>Nu. 20,000/Month</i>  |                      |                         |                    |                         |               |                         |                |                         |
| <i>Tier II</i>       | <i>Nu. 10,000/Month</i>  |                      |                         |                    |                         |               |                         |                |                         |



|                 |   |
|-----------------|---|
| <b>GCC 14.1</b> | <b>Contractor shall provide a copy of contractor all risk (CAR) Insurance including Earthquake covering the duration from the start date to the end of the defect's liability period.</b>   |
| <b>GCC 15.1</b> | Contact the <b>Project Manager</b> for queries.   |
| <b>GCC 21.1</b> | The Site Possession Date(s) shall be: <b>Shall be notified by the Employer to the successful bidder and shall be agreed by both the parties after this contract agreement is signed.</b>  |
| <b>GCC 25.3</b> | <p>Institution whose arbitration procedures shall be used:</p> <p><b>For Contracts with Bhutanese Contractors</b></p> <p>Bhutan Alternative Dispute Resolution Centre (BADRC);</p> <p>GCC Sub-Clause 25.3—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.</p> <p>The place of arbitration shall be: <b>Bhutan</b></p> |

|                        |  |
|------------------------|--|
| <b>B. Time Control</b> |  |
| <b>GCC 27.1</b>        | <p>The Contractor shall submit for approval a Resource-Based Work Plan for the Works within <b>14 days</b> from the date of the Letter of Acceptance.</p> <p>The Work Plan 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> |
| <b>GCC 27.3</b>        | <p>The period between Work Plan updates is <b>45 days or</b> as and when necessary.</p> <p>The amount to be withheld for late submission of an updated Work Plan is</p> <p><b>Nu.5000/-</b></p>  |



|                           |   |
|---------------------------|---|
| <b>C. Quality Control</b> |   |
| <b>GCC 36.1</b>           | The Defects Liability Period is: <b>12 Months.</b>  |
| <b>D. Cost Control</b>    |   |
| <b>GCC 45.1 (h)</b>       | Other Compensation Events are: <b>None.</b>   |
| <b>GCC 46.1</b>           | In case of certain Tax exemptions, such as in foreign assistance projects, this specific exemption(s) should be clearly specified in this clause.   |
| <b>GCC 48.1</b>           | The Contract <b>NOT</b> subject to Price Adjustment.  |
| <b>GCC 49.1</b>           | The proportion of payments retained is: <b>10%.</b>   |
| <b>GCC 50.1</b>           | The liquidated damages for the whole of the Works are <b>0.1% initial Contract Price per day.</b> The maximum amount of liquidated damages for the whole of the Works is <b>10 %</b> of the initial Contract Price.           |
| <b>GCC 51.1</b>           | 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 Procuring Agency of an acceptable Advance Payment Guarantee. |
| <b>GCC 51.2</b>           | The Secured Advance is: <b>75 %.</b>  |
| <b>GCC 52.1</b>           | The Performance Security amount is: <b>10% of the initial contract price.</b>   |

|                                  |   |
|----------------------------------|---|
| <b>D. Finishing the Contract</b> |   |
| <b>GCC 58.1</b>                  | The date by which operating and maintenance manuals are required is: <b>Not Applicable.</b><br>The date by which “as built” drawings are required is <b>Not Applicable.</b>                                       |
| <b>GCC 58.2</b>                  | Not Applicable  |
| <b>GCC 59.2 (i)</b>              | The maximum number of days is: <b>100 days</b>  |
| <b>GCC 59.2 (k)</b>              | Failure to execute contract in accordance to the contract.  |
| <b>GCC 61.1</b>                  | The percentage to apply to the value of the work not completed, representing the Procuring Agency’s additional cost for completing the Works, is <b>20% up to a maximum of 10% of the initial contract price.</b> |



## **SECTION VIII. SPECIFICATIONS AND PERFORMANCE REQUIREMENTS**

**All Civil works shall conform to the following standards.**

1. Specifications for buildings & Roads Works 2017 or the latest specifications published by Ministry of Infrastructure and Transport
2. Materials used in civil works should conform to the latest Bhutan Standards Bureau approved brands and approved by the Project Manager, NPPF. A sample must be submitted for an approval from the client before procurement wherever, necessary.
3. Any Materials not covered by the above specification shall be ISI approved and shall be provided as per manufactures' specification.

### **TECHINICAL SPECIFICATION & STANDARDS FOR ELECTRICAL WORKS.**

**All electrical works shall conform to the following standards.**

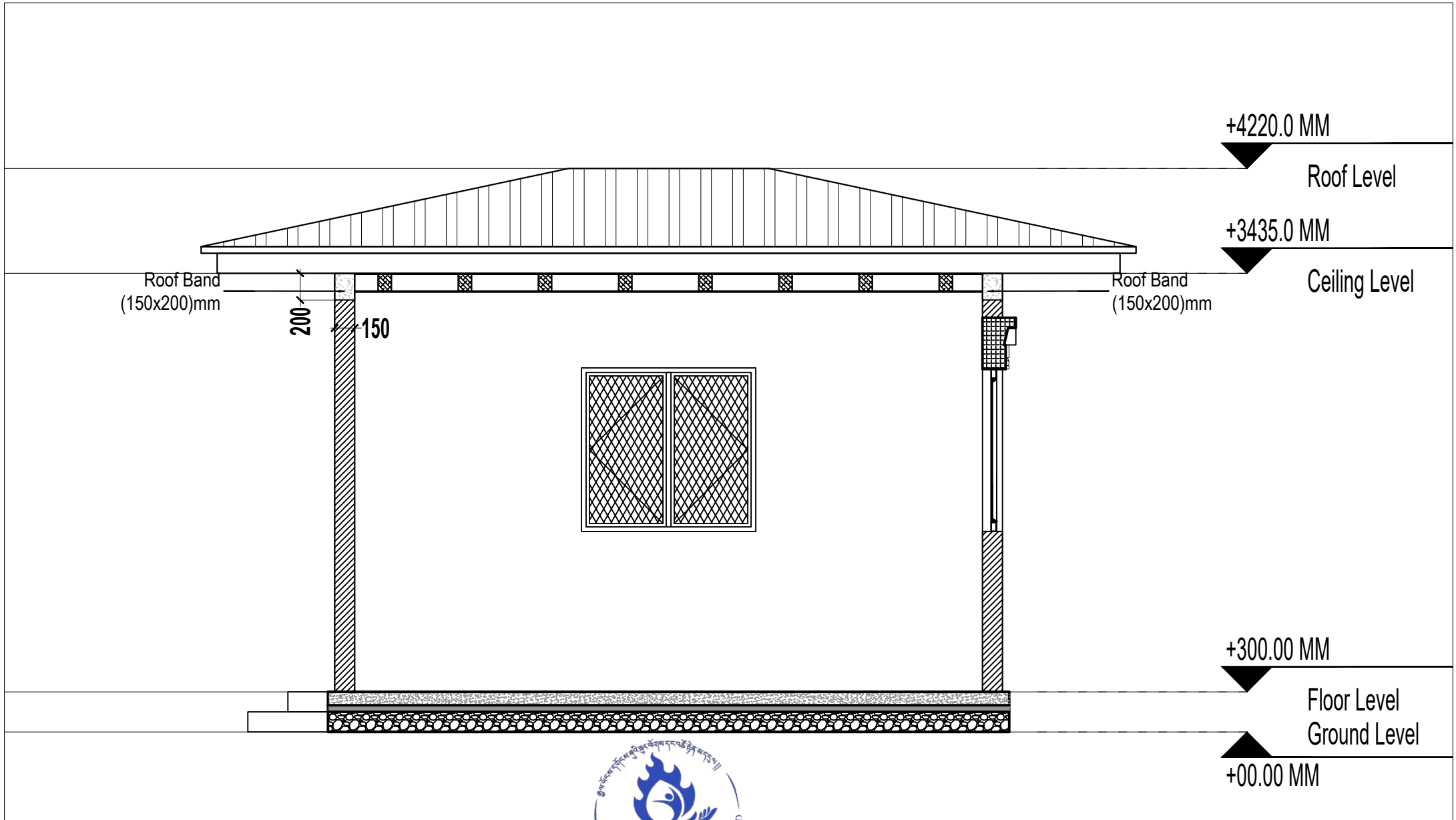
1. Specifications for Electrical Work 2017 or the latest specifications published by Ministry of Infrastructure and Transport.
2. Internal Wiring Regulation 2016 or the latest document published by the Bhutan Electricity Authority.
3. Electricity Supply Rule Published by Bhutan Power Corporation Limited.
4. Electrical Materials should conform to latest Bhutan Standard Bureau approved brand or require approval from the client for any materials not in Bhutan Standard Bureau approved list. A sample must be put for approval to the client before carrying put any installation work.



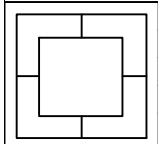
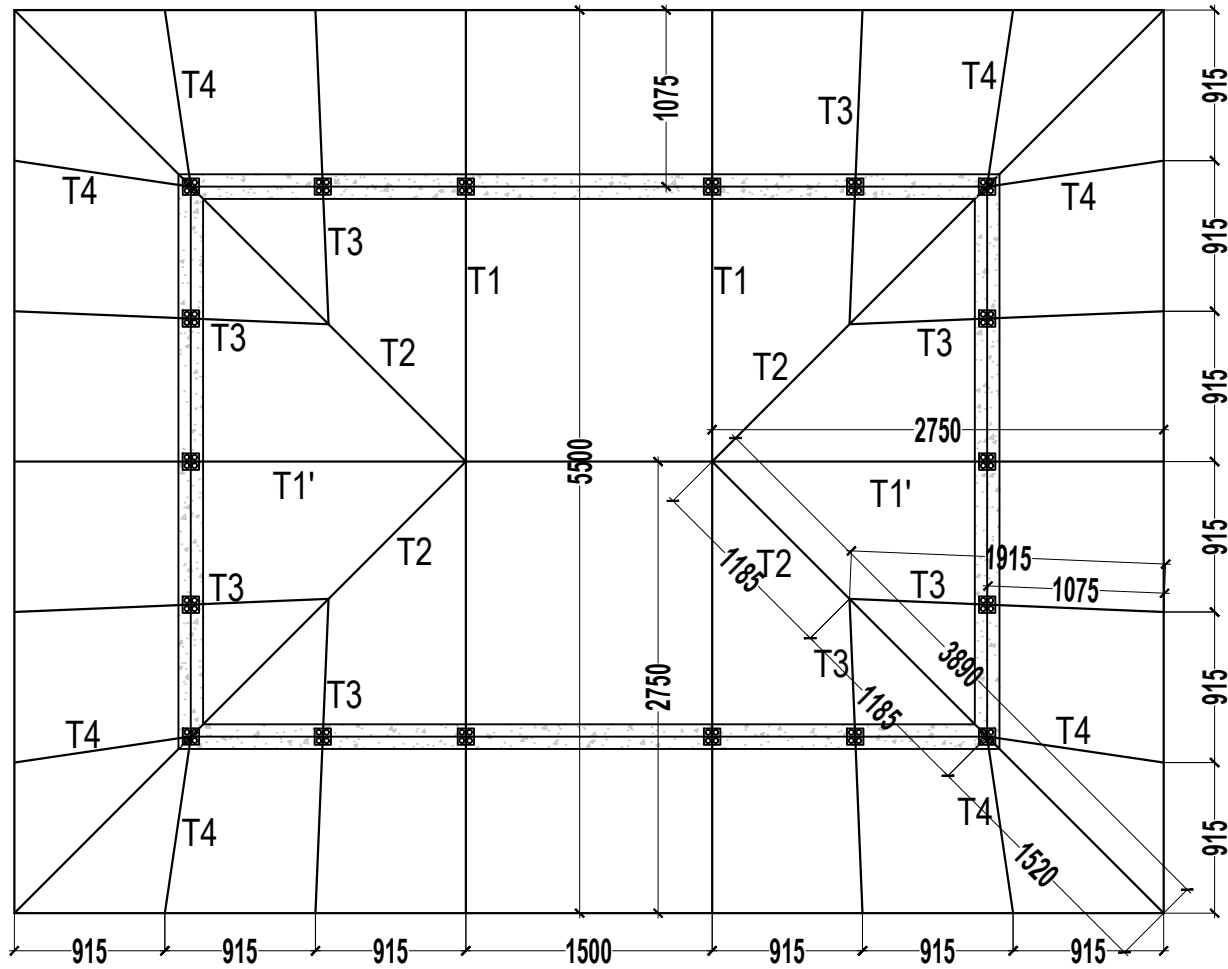
## SECTION IX. DRAWINGS

|  |
|--|
| <b>Notes on Drawings</b>                     |
| Drawings are compiled in a separate booklet. |





|  |       |                 |       |   |   |                          |  |  |             |       |                            |               |
|--|-------|-----------------|-------|---|---|--------------------------|--|--|-------------|-------|----------------------------|---------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <b>OWNER'S DETAILS</b><br><br>Name: -<br>Plot No. -<br>Tharm No. -<br>Location -<br><i>Securing Future Together</i> | <b>NPPF</b><br>Engineer: | <b>Structural Drawing for Store Room</b> |  |             |       | <b>Drawing No.</b><br>S-01 |               |
|  |       |                 |       |   |   |                          |  | <b>DRAWING TITLE</b><br>As Stated in the Drawing |             |       |                            |               |
|  |       |                 |       |   |   |                          |  | DRAWN BY:  | CHECKED BY: | DATE: |                            | SCALE:<br>NTS |



| DATE. | REVISION NOTES. | SIGN. |
|-------|-----------------|-------|
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|       |                 |       |

0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED  
 0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING  
 0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.  
 0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED  
 0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.  
 0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM

**OWNER DETAILS**

Name: -  
 Plot No. -  
 Tharm No.-  
 Location -

**NPPF**

**Structural Drawing for Store Room**

**DRAWING TITLE**  
 As Stated in the Drawing

Engineer:

DRAWN BY:

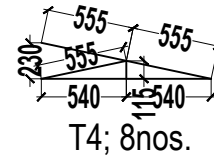
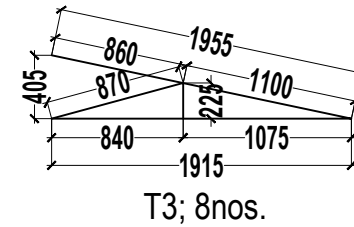
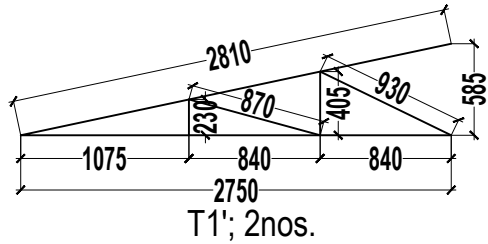
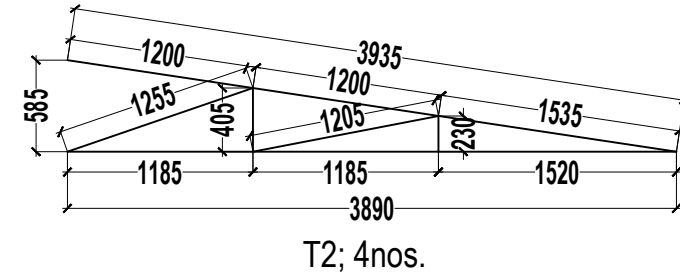
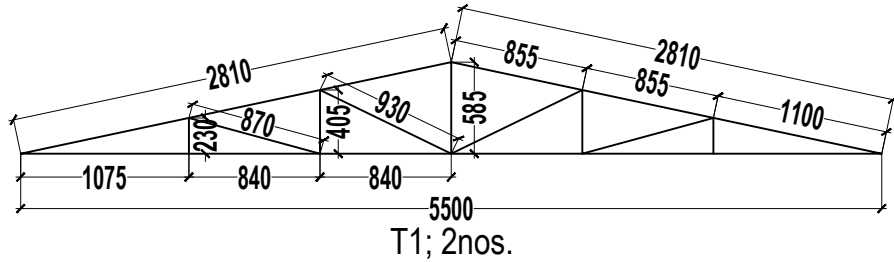
CHECKED BY:

DATE:

SCALE:  
 NTS

**Drawing No.**  
 S-02

**Revision No.**



Truss T1-T4  
 Bottom and Top; OD 42.4 (L) weight 2.54kg/m  
 Vertical Chord; OD 33.7 (L) Weight 1.98kg/m  
 Purlin; 25x25mm Square MS pipe  
 Connection; 100x100mm MS baseplate  
 4 nos. 12mm nut and bolt



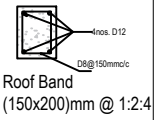
|  |       |                 |       |   |   |             |                      |                                  |                          |              |               |                    |      |
|--|-------|-----------------|-------|---|---|-------------|----------------------|----------------------------------|--------------------------|--------------|---------------|--------------------|------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <b>OWNER DETAILS</b><br><br>Name: -<br>Plot No. -<br>Tharm No.-<br>Location - | <b>NPPF</b> |                      | <b>Roof truss for Store Room</b> |                          |              |               | <b>Drawing No.</b> |      |
|  |       |                 |       |   |   |             | <b>DRAWING TITLE</b> |                                  | As Stated in the Drawing |              |               |                    | S-03 |
|  |       |                 |       |   |   |             | <b>ARCHITECT:</b>    | <b>DRAWN BY:</b>                 | <b>CHECKED BY:</b>       | <b>DATE:</b> | <b>SCALE:</b> | NTS                |      |

Roof Band  
(150x200)mm

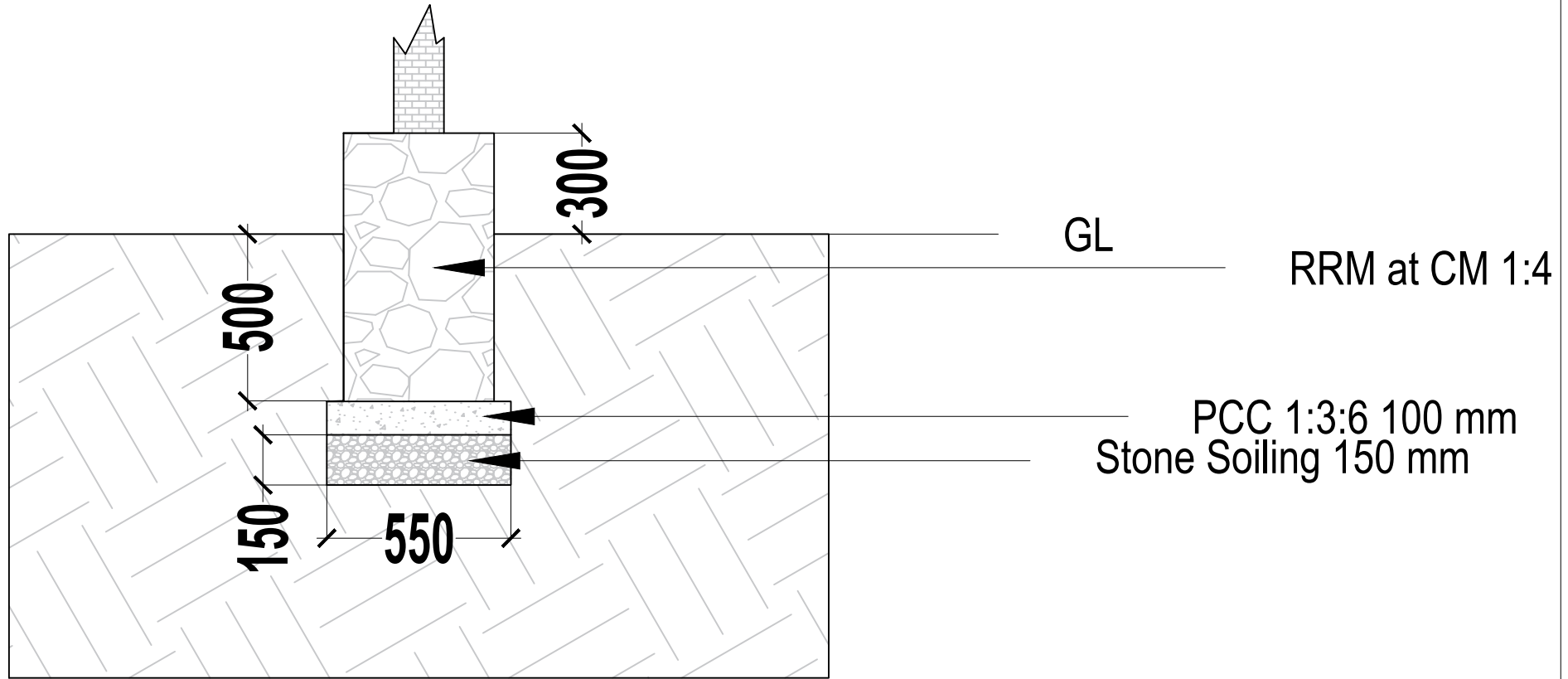
Roof Band  
(150x200)mm

Roof Band  
(150x200)mm

Roof Band  
(150x200)mm



|  |       |                 |       |   |   |             |  |                  |           |             |                                |
|--|-------|-----------------|-------|---|---|-------------|--|------------------|-----------|-------------|--------------------------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <b>OWNER DETAILS</b><br><br>Name: -<br>Plot No. -<br>Tharm No.-<br>Location - | <b>NPPF</b> | <b>Structural Drawing for Store Room</b>         |                  |           |             | <b>Drawing No.</b><br><br>S-04 |
|  |       |                 |       |   |   |             | <b>DRAWING TITLE</b><br>As Stated in the Drawing | <b>Engineer:</b> | DRAWN BY: | CHECKED BY: |                                |

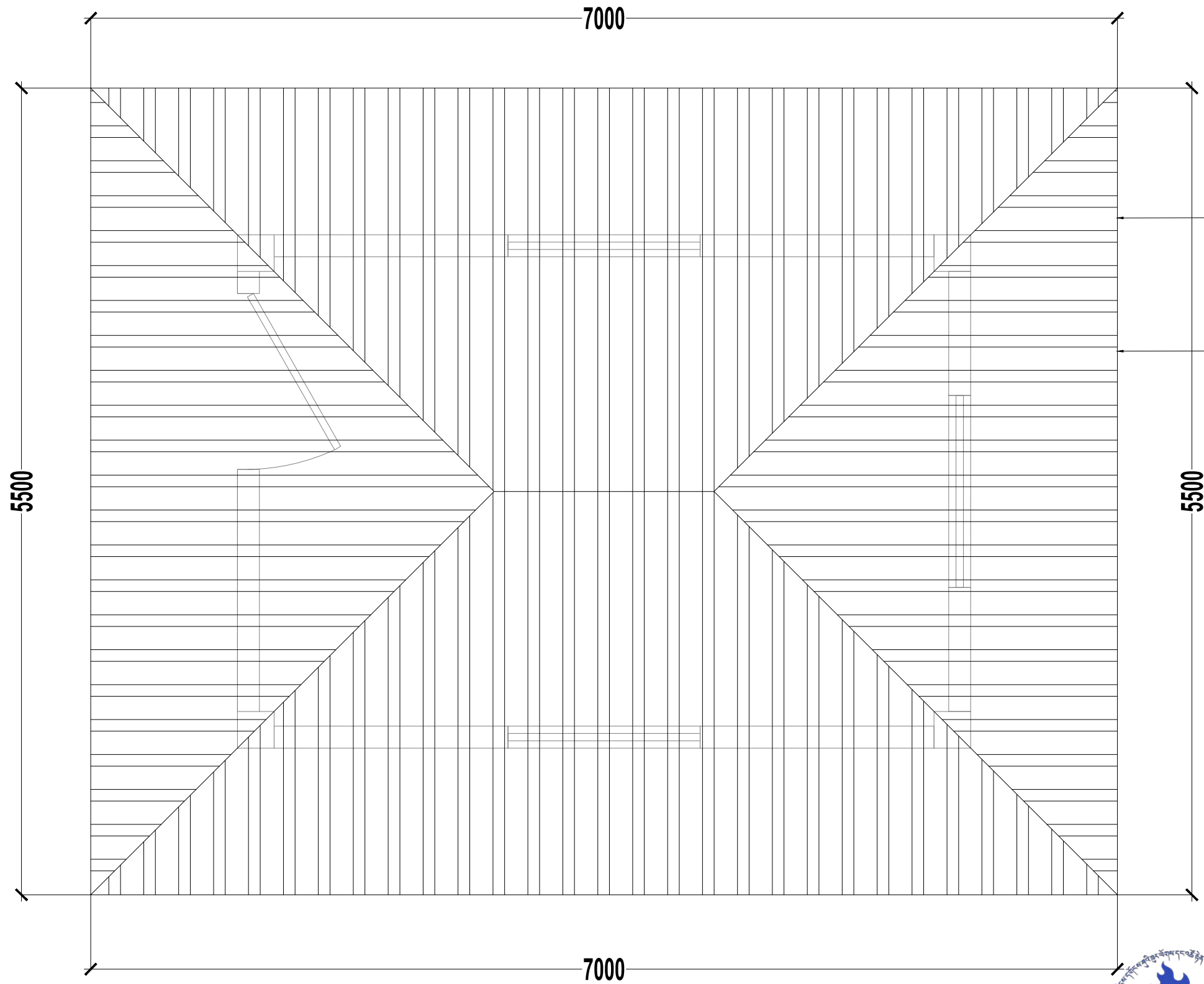


# SECTION



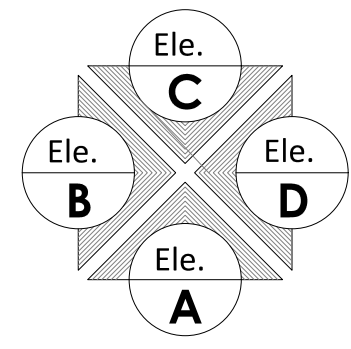
|  |       |                 |       |  |  |      |                                   |   |             |       |               |              |
|--|-------|-----------------|-------|--|--|------|-----------------------------------|---|-------------|-------|---------------|--------------|
|  | DATE. | REVISION NOTES. | SIGN. | <p>0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED</p> <p>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING</p> <p>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.</p> <p>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED</p> <p>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.</p> <p>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM</p> | <p><b>OWNER DETAILS</b></p><br>Name: -<br>Plot No. -<br>Tharm No.-<br>Location - | NPPF | Structural Drawing for Store Room |   |             |       | Drawing No.   |              |
|  |       |                 |       |  |  |      | Engineer:                         | DRAWING TITLE<br>As Stated in the Drawing |             |       |               | S-05         |
|  |       |                 |       |  |  |      |                                   | DRAWN BY:                                 | CHECKED BY: | DATE: | SCALE:<br>NTS | Revision No. |





PRE-PAINTED GALVANIZED IRON SHEET FITTED AT 12°

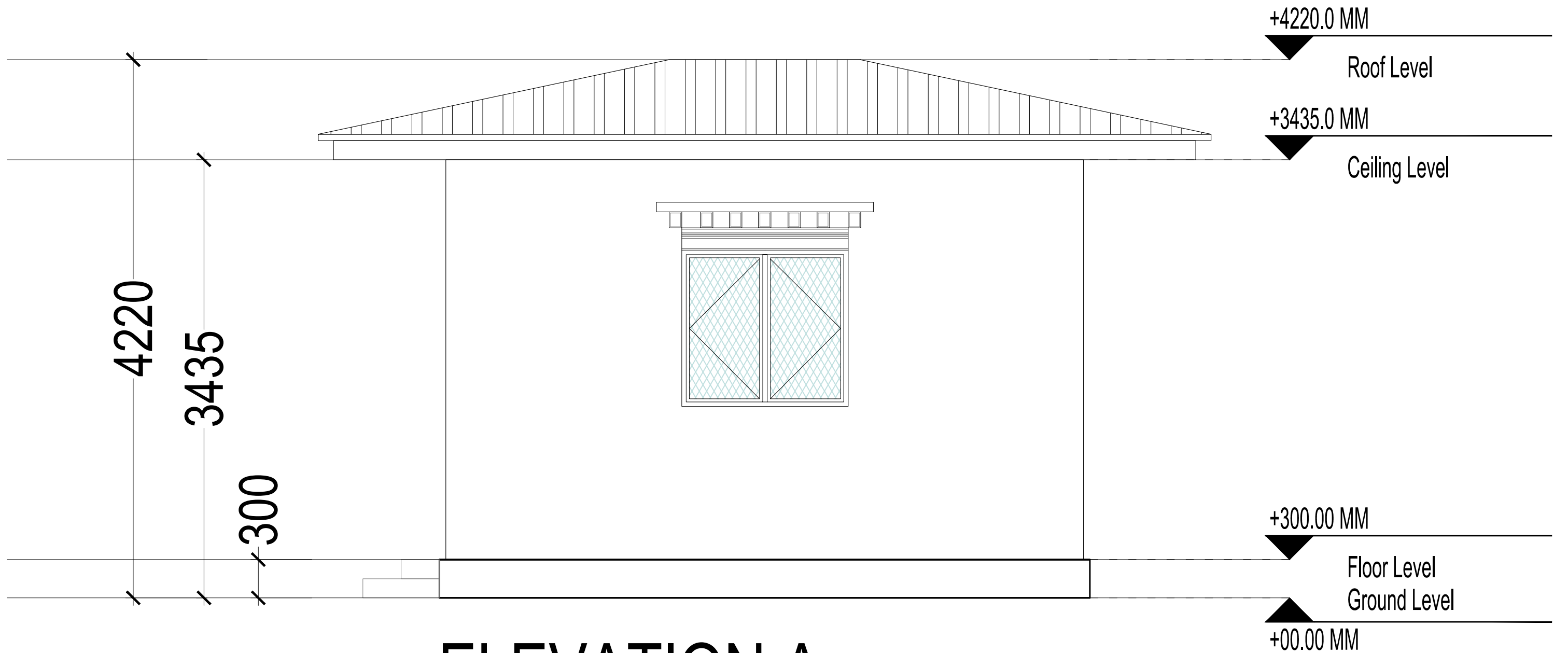
PROJECTED BY 1000MM FROM EXTERNAL BRICK WALL



# ROOF PLAN



|  |       |                 |       |   |   |  |                          |                                      |             |       |               |              |
|--|-------|-----------------|-------|---|---|--|--------------------------|--------------------------------------|-------------|-------|---------------|--------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | OWNER DETAILS                                     |  | NPPF                     | Architectural Drawing for Store Room |             |       |               | Drawing No.  |
|  |       |                 |       |   | Name: -<br>Plot No. -<br>Tharm No.-<br>Location - |  | As Stated in the Drawing | DRAWN BY:                            | CHECKED BY: | DATE: | SCALE:<br>NTS | AR-01        |
|  |       |                 |       |   |   |  | ARCHITECT:               |                                      |             |       |               | Revision No. |

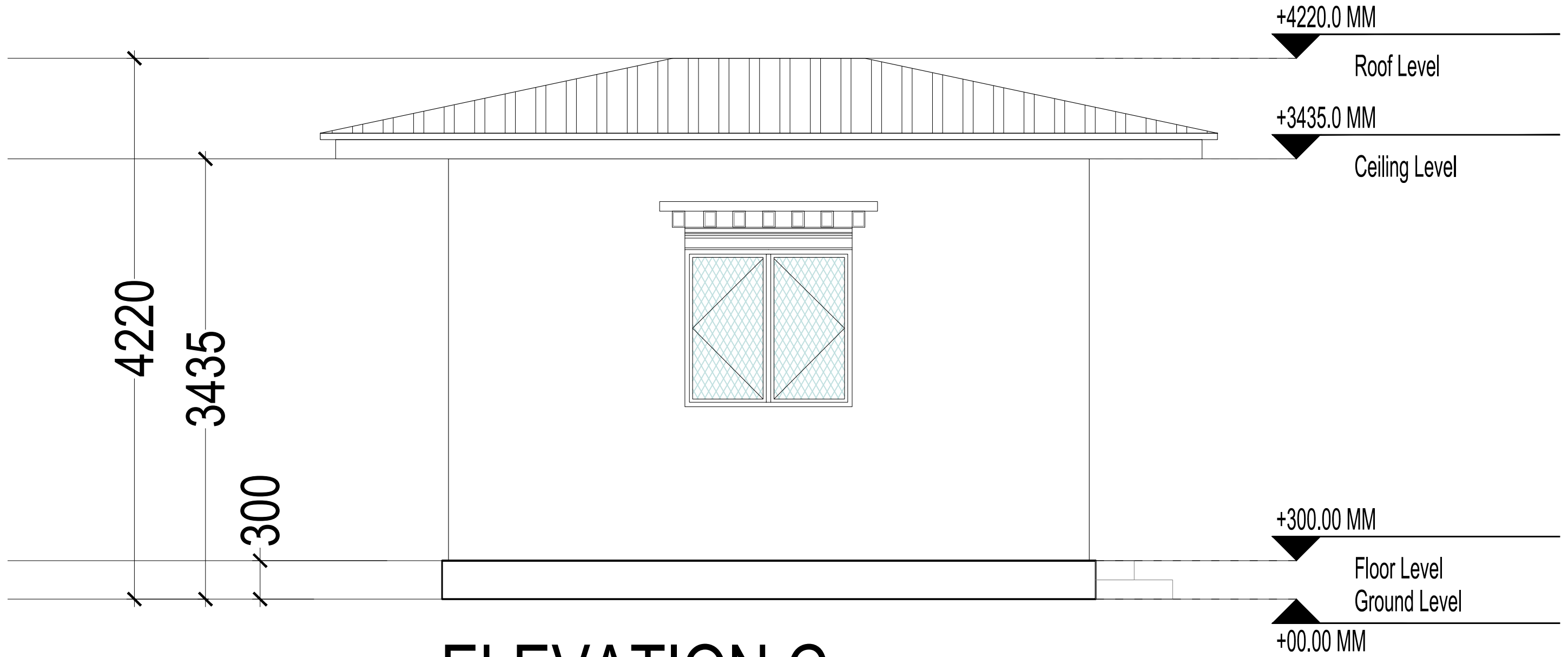


# ELEVATION A



|  |       |                 |       |   |   |            |      |   |                                      |           |             |       |               |
|--|-------|-----------------|-------|---|---|------------|------|---|--------------------------------------|-----------|-------------|-------|---------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | OWNER DETAILS                                     |            | NPPF |   | Architectural Drawing for Store Room |           |             |       | Drawing No.   |
|  |       |                 |       |   | Name: -<br>Plot No. -<br>Tharm No.-<br>Location - | ARCHITECT: |      | DRAWING TITLE<br>As Stated in the Drawing |                                      | DRAWN BY: | CHECKED BY: | DATE: | SCALE:<br>NTS |
|  |       |                 |       |   |   |            |      |   |                                      |           |             |       | Revision No.  |





# ELEVATION C



|  |       |                 |       |   |  |            |      |   |                                      |           |             |       |               |
|--|-------|-----------------|-------|---|--|------------|------|---|--------------------------------------|-----------|-------------|-------|---------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | OWNER DETAILS                                    |            | NPPF |   | Architectural Drawing for Store Room |           |             |       | Drawing No.   |
|  |       |                 |       |   | Name: -<br>Plot No. -<br>Tham No.-<br>Location - | ARCHITECT: |      | DRAWING TITLE<br>As Stated in the Drawing |                                      | DRAWN BY: | CHECKED BY: | DATE: | SCALE:<br>NTS |
|  |       |                 |       |   |  |            |      |   |                                      |           |             |       | Revision No.  |





## DOOR OPENING SCHEDULE

| SL.NO | DOOR | NOS. | WIDTH( MM) | HEIGHT        |
|-------|------|------|------------|---------------|
| 1     | D1   | 1    | 1200       | REFER DETAILS |

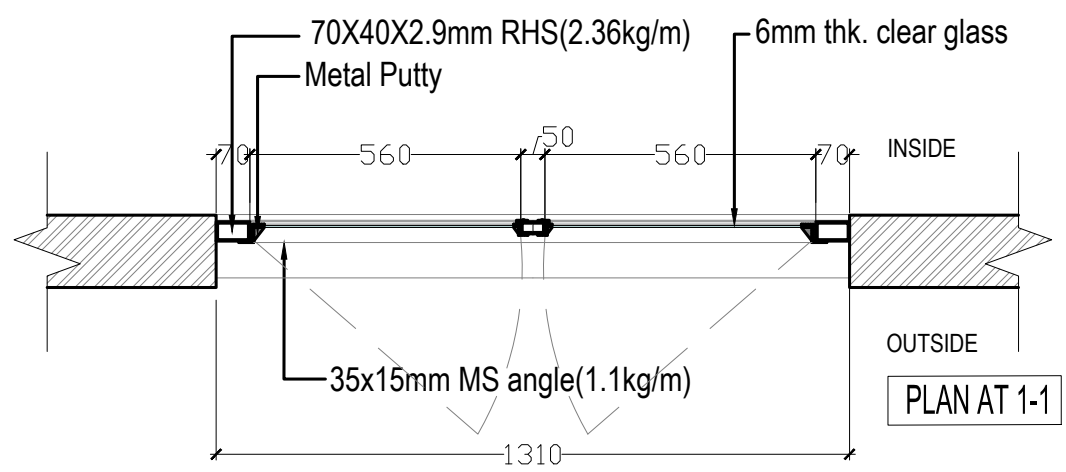
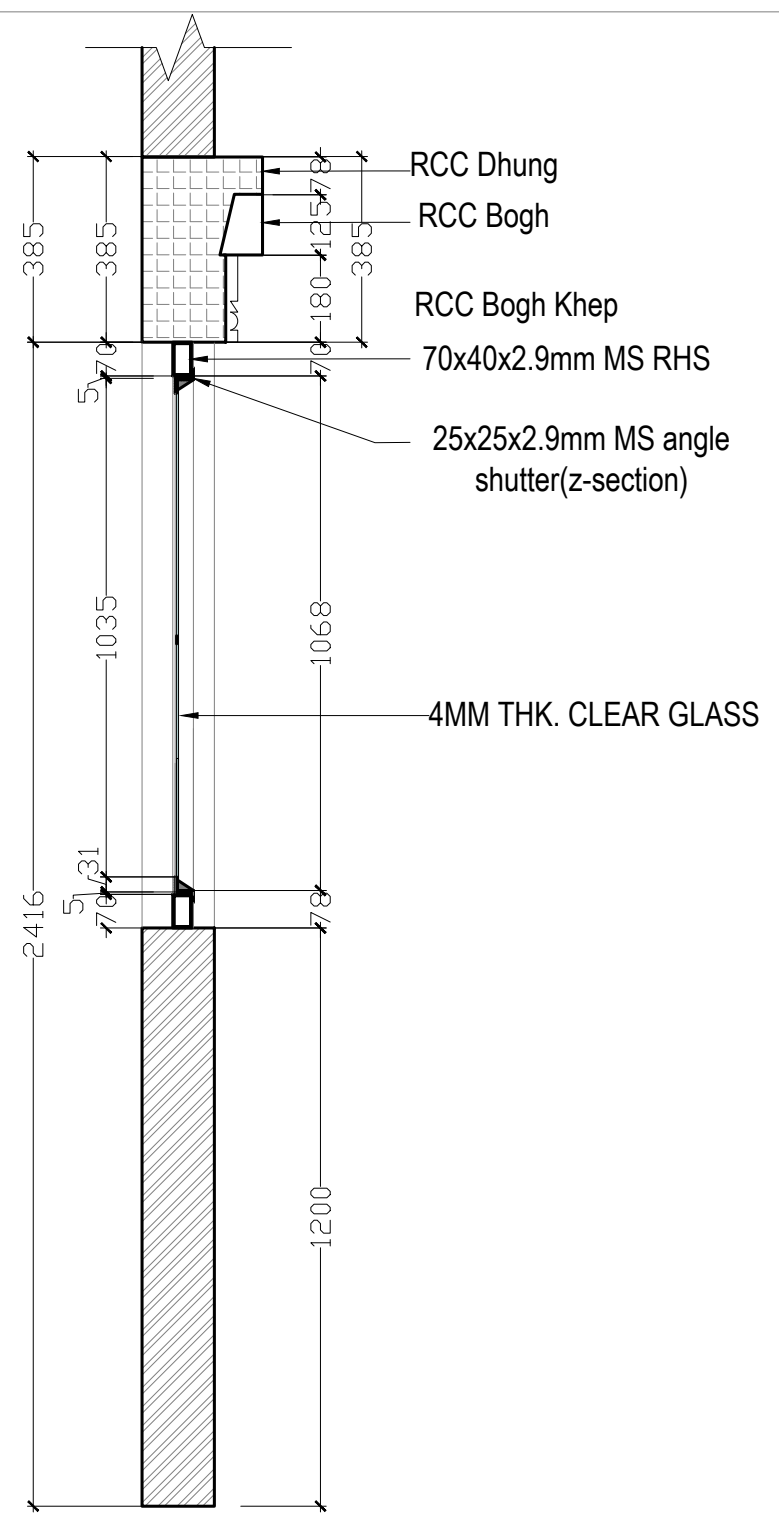
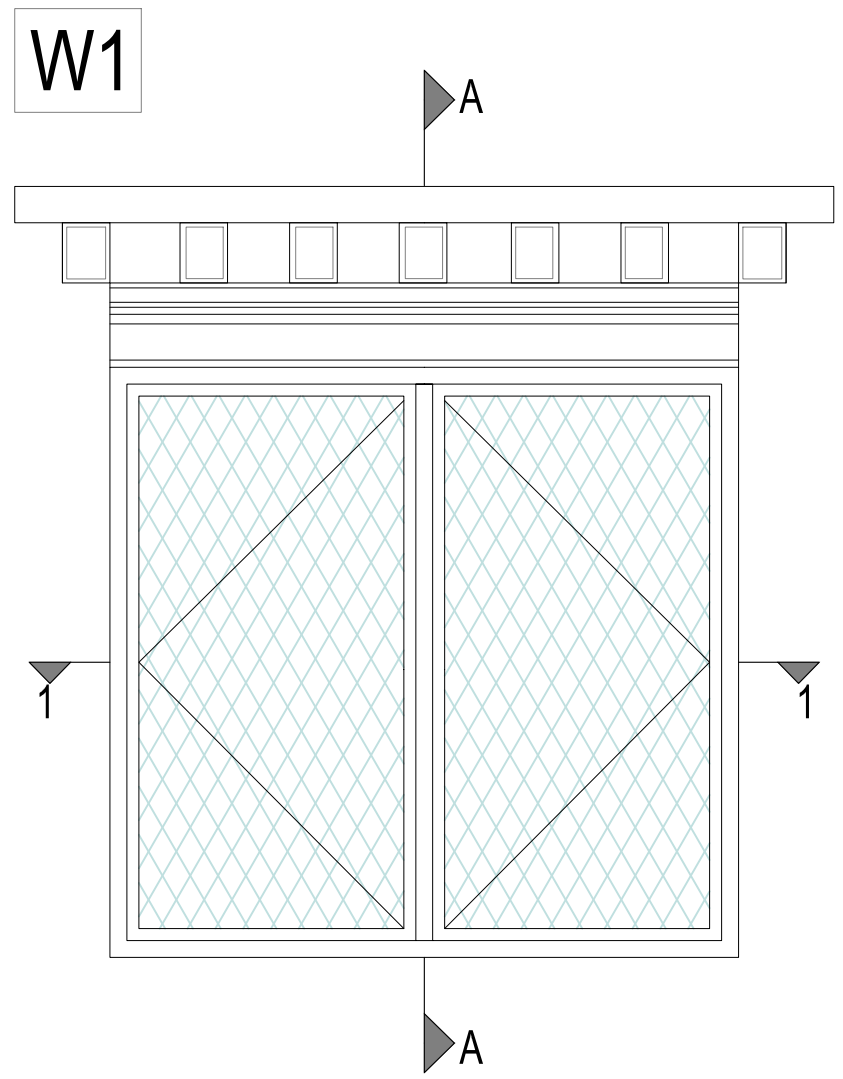
## WINDOW OPENING SCHEDULE

| SL.NO | WINDOW | NOS. | WIDTH( MM) | SILL HEIGHT (MM) | HEIGHT        |
|-------|--------|------|------------|------------------|---------------|
| 1     | W1     | 3    | 1310       | 1200             | REFER DETAILS |

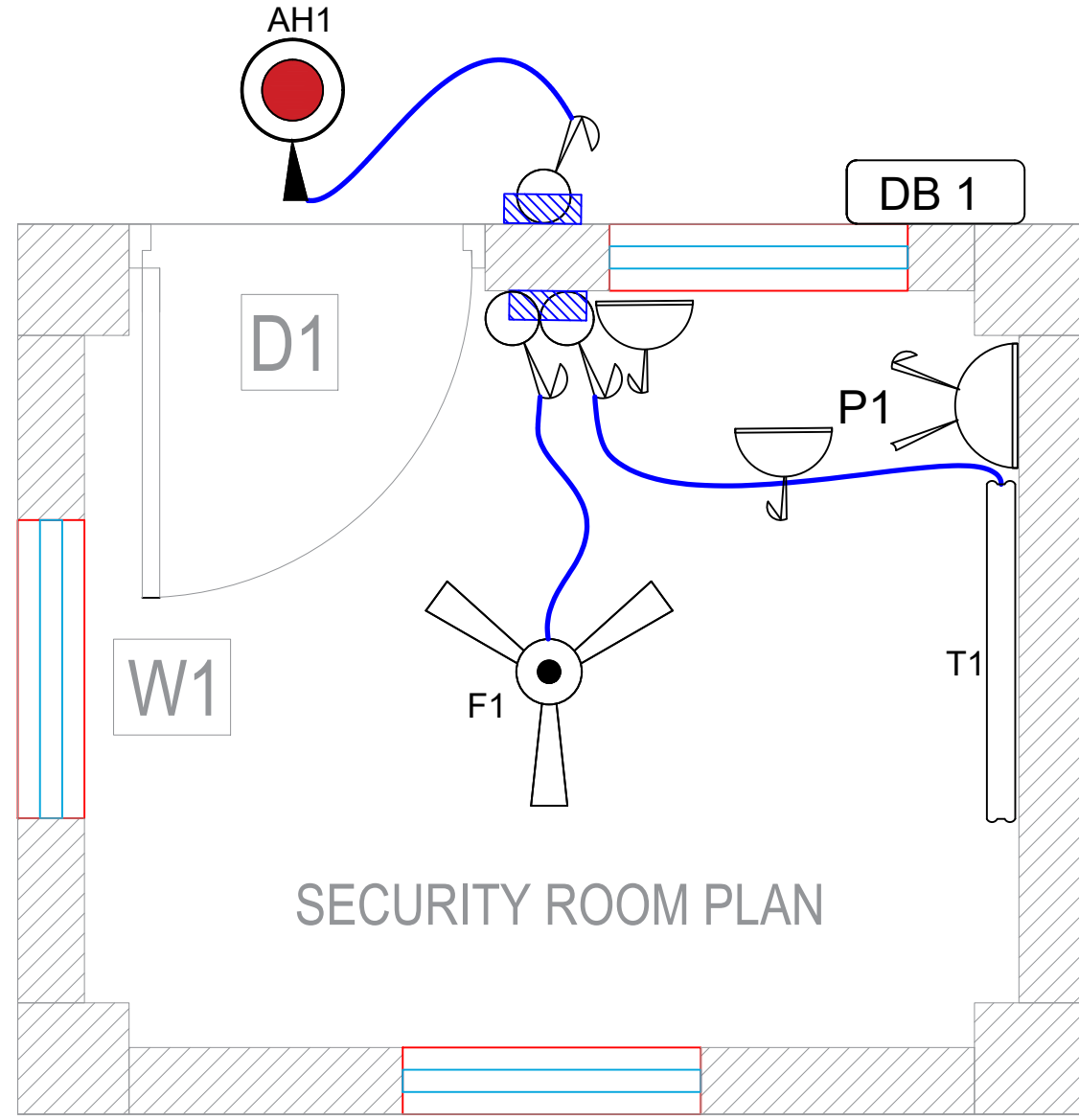


|  |       |                 |       |   |                      |   |            |  |  |  |  |              |
|--|-------|-----------------|-------|---|----------------------|---|------------|--|--|--|--|--------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <u>OWNER DETAILS</u> |   | NPPF       | Architectural Drawing for Store Room   |  |  |  | Drawing No.  |
|  |       |                 |       |   |                      | Name: -<br>Plot No. -<br>Tharm No.-<br>Location - | ARCHITECT: | DRAWING TITLE<br>As Stated in the Drawing<br>DRAWN BY:      CHECKED BY:      DATE:      SCALE: |  |  |  | AR-01        |
|  |       |                 |       |   |                      |   |            |  |  |  |  | Revision No. |

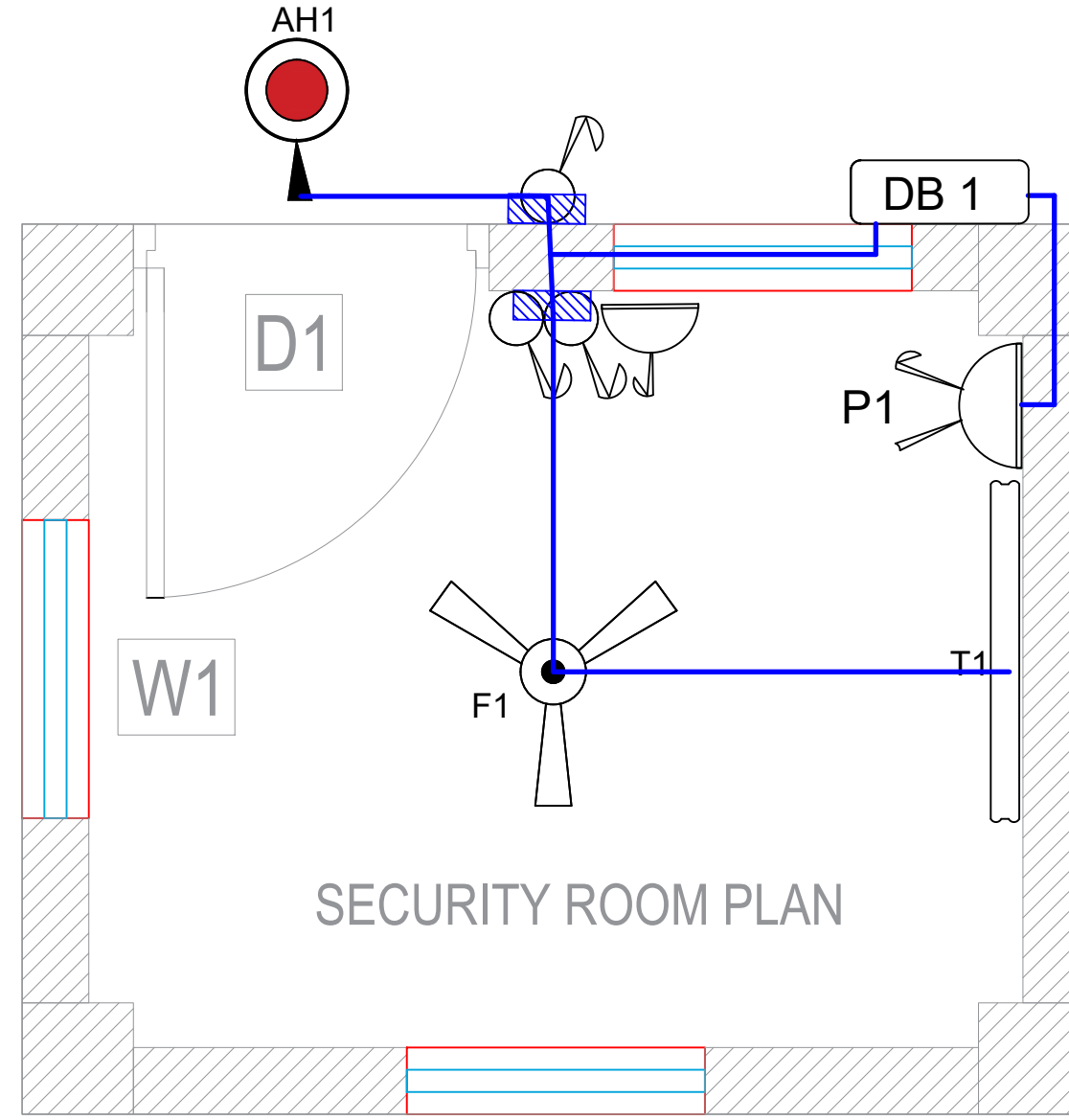




|  |  |                 |           |   |   |             |   |       |               |                     |                             |  |  |
|--|--|-----------------|-----------|---|---|-------------|---|-------|---------------|---------------------|-----------------------------|--|--|
|  | DATE.  | REVISION NOTES. | SIGN.     | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <b>OWNER DETAILS</b><br><br>Name: -<br>Plot No. -<br>Tharm No.-<br>Location - | <b>NPPF</b> | <b>Architectural Drawing for Store Room</b> |       |               |                     | <b>Drawing No.</b><br>AR-01 |  |  |
|  | <b>DRAWING TITLE</b><br>As Stated in the Drawing |                 |           |   |   |             |   |       |               |                     |                             |  |  |
|  | <b>ARCHITECT:</b>                                |                 | DRAWN BY: |   |   |             | CHECKED BY:                                 | DATE: | SCALE:<br>NTS | <b>Revision No.</b> |                             |  |  |
|  |  |                 |           |   |   |             |   |       |               |                     |                             |  |  |



FITTINGS LAYOUT PLAN



CONDUIT LAYOUT PLAN



Owner: NPPF  
 Plot No:  
 Thram No:

| Sl.No. | Date | Description |
|--------|------|-------------|
| 00     |      | 0 Revision  |
|        |      |             |
|        |      |             |
|        |      |             |

Project Name:  
**Electrical Wiring of Security Shed, NPPF Housing Complex, Samdrup Jongkhar.**

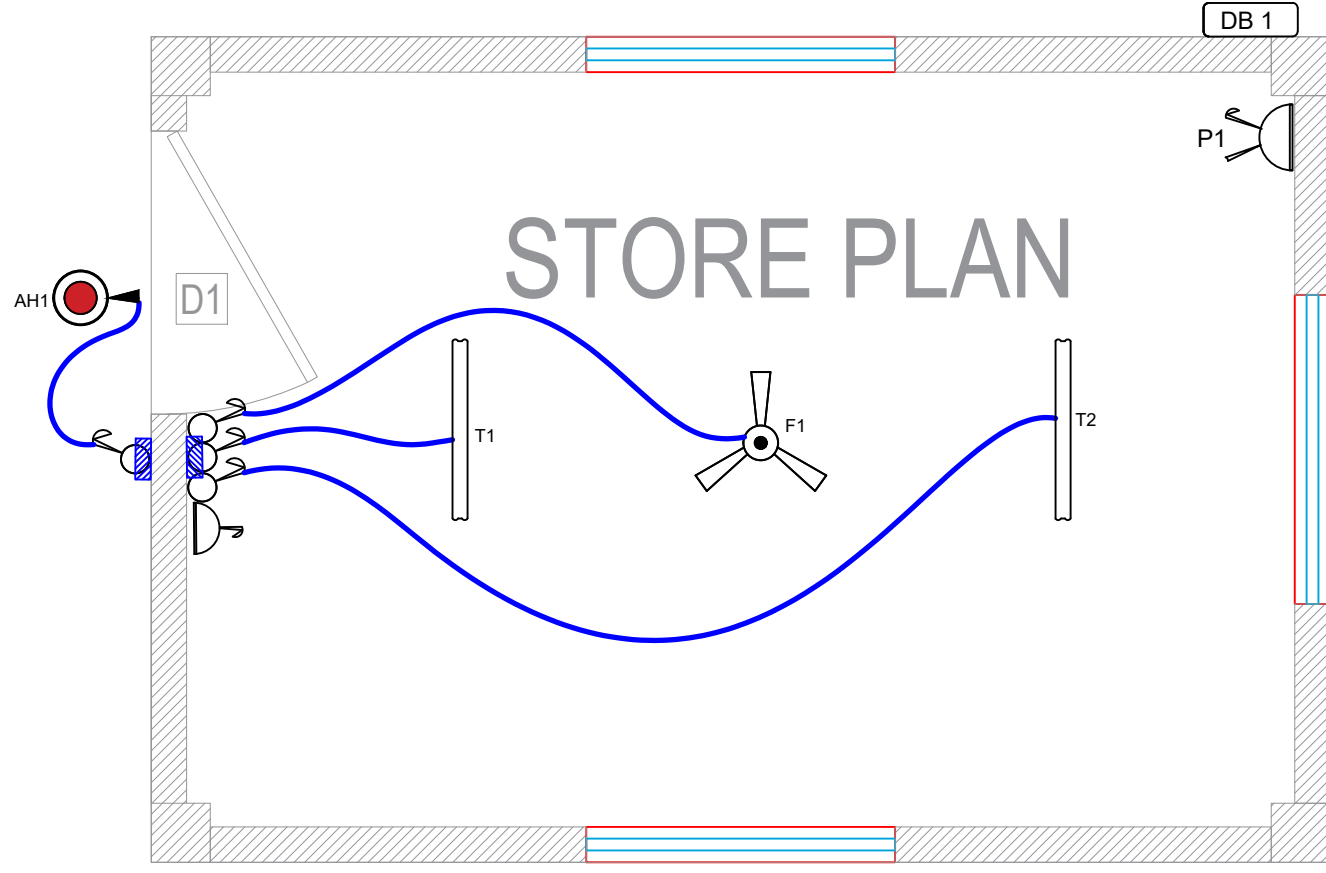
Sheet Name:  
**Light Fittings & Conduit Layout for Security Shed**

Designed & Drawn by:  
 NAMKHA DORJI  
 B.Tech EEE

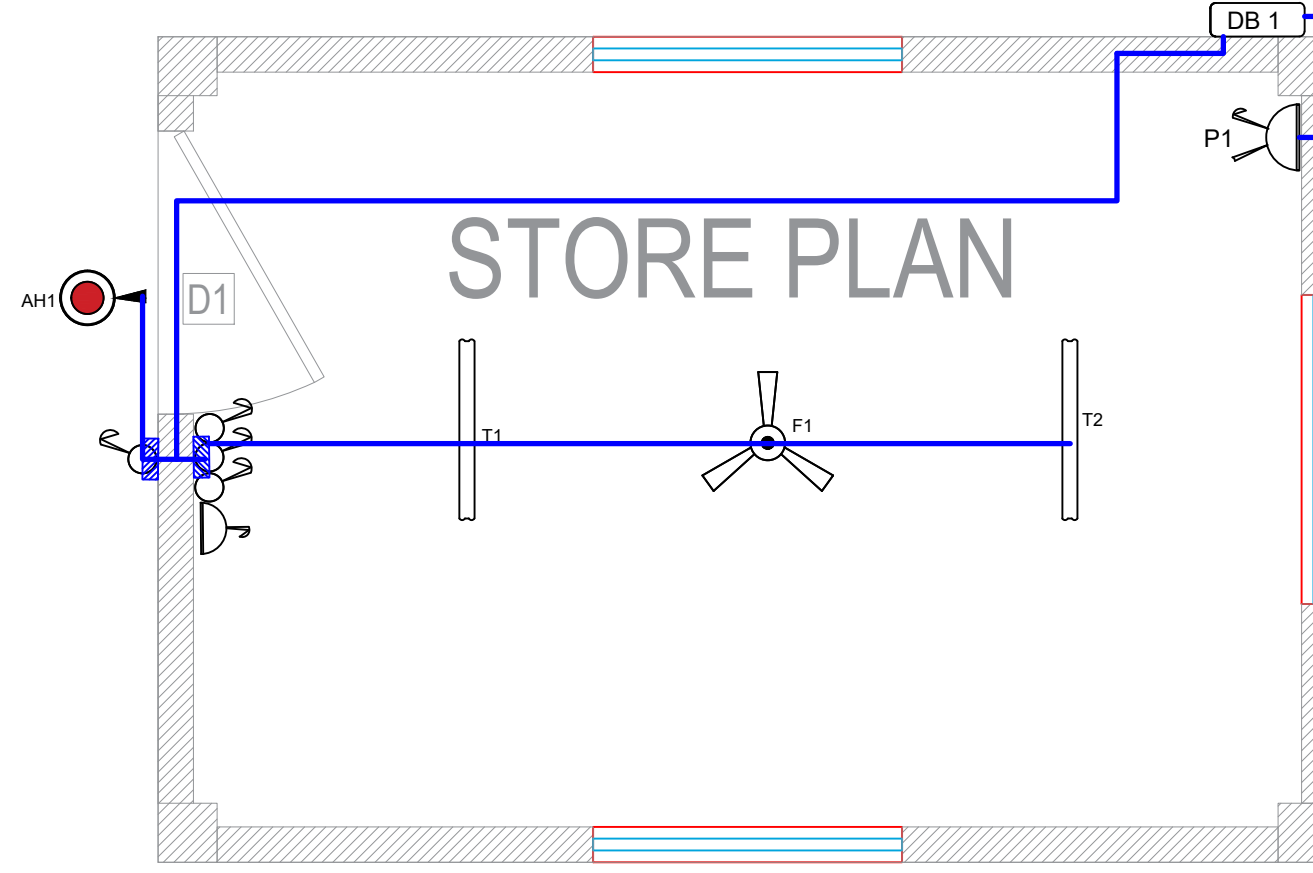
Approved by:  
 Chief, RED

Project No.:  
 Date: 10/04/2025  
 Scale: NTS  
 Sheet No:  
**Elect-01**

GENERAL NOTES: 1.All dimensions are in mm unless specified otherwise. 2.All relative levels are in meters unless specified otherwise. 3.All dimensions measure unfinished surfaces unless specified otherwise. 4.All dimensions to be read & not scaled off. 5.Any discrepancy in the drawing shall be brought to the notice of consulting team or supervision team.



FITTINGS LAYOUT PLAN



CONDUIT LAYOUT PLAN



Owner: NPPF  
Plot No:  
Thram No:

| Sl.No. | Date | Description |
|--------|------|-------------|
| 00     |      | 0 Revision  |
|        |      |             |
|        |      |             |
|        |      |             |

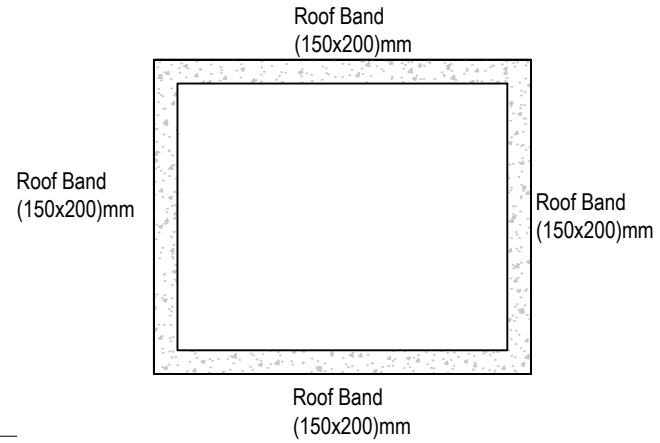
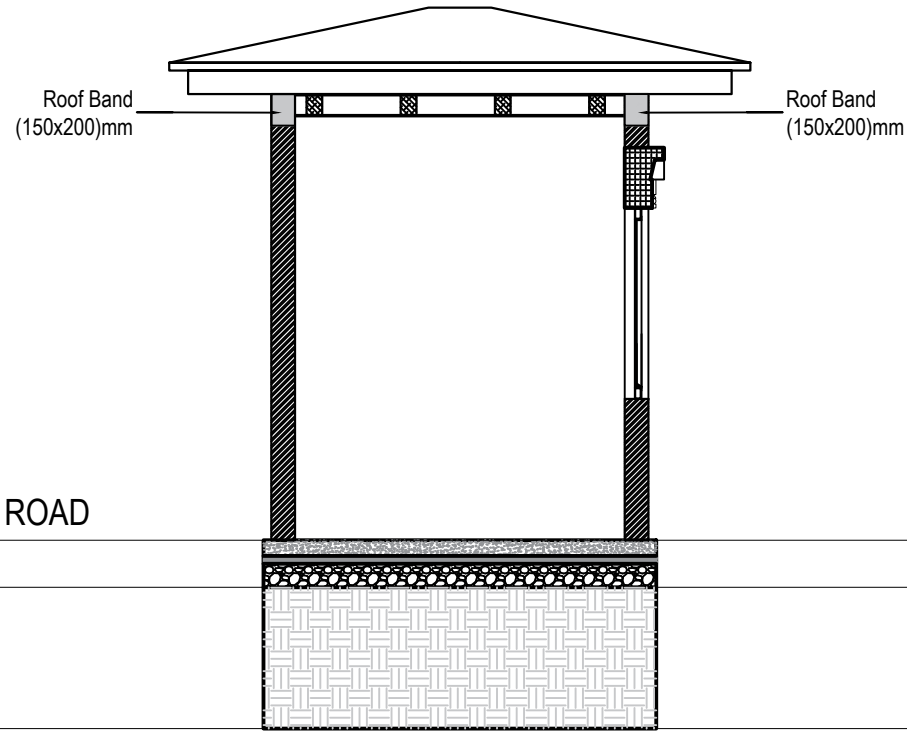
Project Name:  
**Electrical Wiring of Store, NPPF Housing Complex, Samdrup Jongkhar.**

Sheet Name:  
**Light Fittings & Conduit Layout for Store**

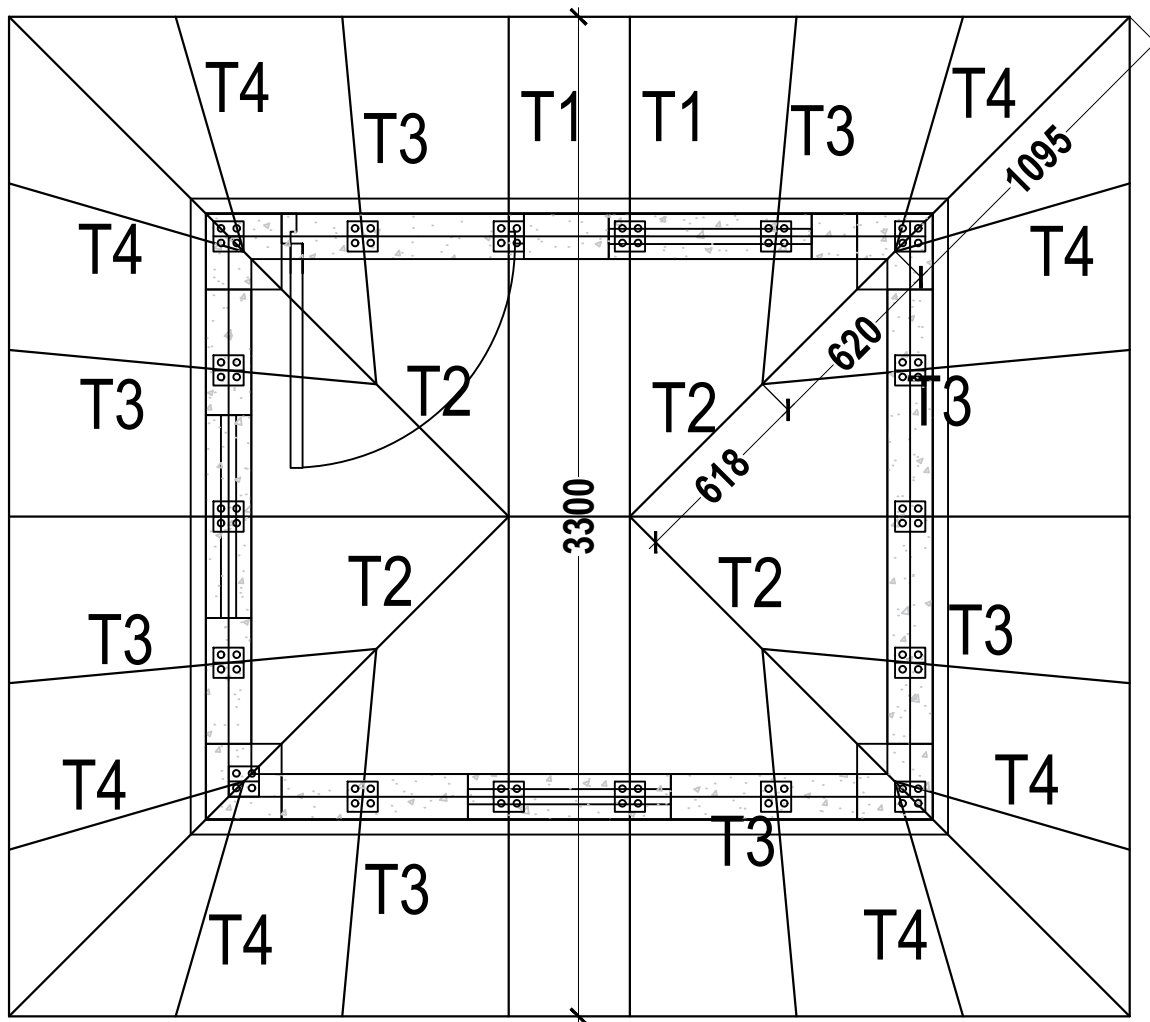
Designed & Drawn by:  
NAMKHA DORJI  
B.Tech EEE

Approved by:  
Chief, RED

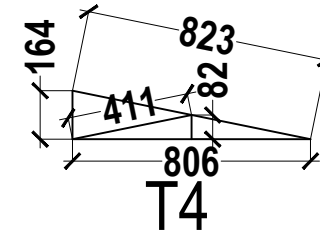
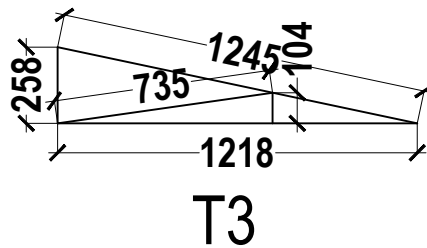
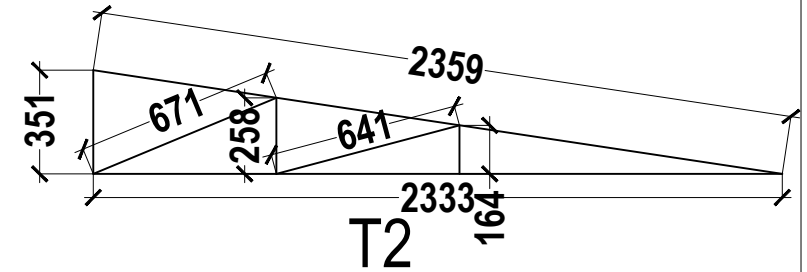
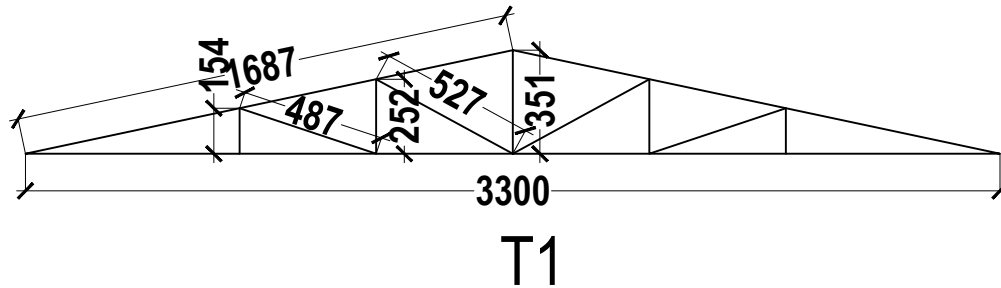
Project No.:  
Date: 10/04/2025  
Scale: NTS  
Sheet No:  
**Elect-01**



|  |       |                 |       |   |  |             |  |                  |           |             |                                 |
|--|-------|-----------------|-------|---|--|-------------|--|------------------|-----------|-------------|---------------------------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <b>OWNER DETAILS</b><br><br>Name: -<br>Plot No. -<br>Thana No. -<br>Location - | <b>NPPF</b> | <b>Structural Drawing for Security Room</b>      |                  |           |             | <b>Drawing No.</b><br><br>AR-01 |
|  |       |                 |       |   |  |             | <b>DRAWING TITLE</b><br>As Stated in the Drawing | <b>Engineer:</b> | DRAWN BY: | CHECKED BY: |                                 |



|  |       |                 |       |  |               |  |           |                                |             |   |               |              |
|--|-------|-----------------|-------|--|---------------|--|-----------|--------------------------------|-------------|---|---------------|--------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +f-0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | OWNER DETAILS | Name: -<br>Plot No. -<br>Tharm No. -<br>Location - | NPPF      | ROof Drawing for Security Room |             |   |               | Drawing No.  |
|  |       |                 |       |  |               |  |           |                                |             | DRAWING TITLE<br>As Stated in the Drawing |               |              |
|  |       |                 |       |  |               |  | Engineer: | DRAWN BY:                      | CHECKED BY: | DATE:                                     | SCALE:<br>NTS | Revision No. |



**Truss T1-T4**

Bottom and Top; OD 42.4 (L) weight 2.54kg/m

Vertical Chord; OD 33.7 (L) Weight 1.98kg/m

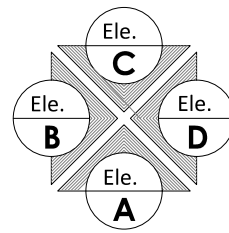
Purlin; 25x25x3.2 mm Square MS pipe

Connection; 100x100mm MS baseplate

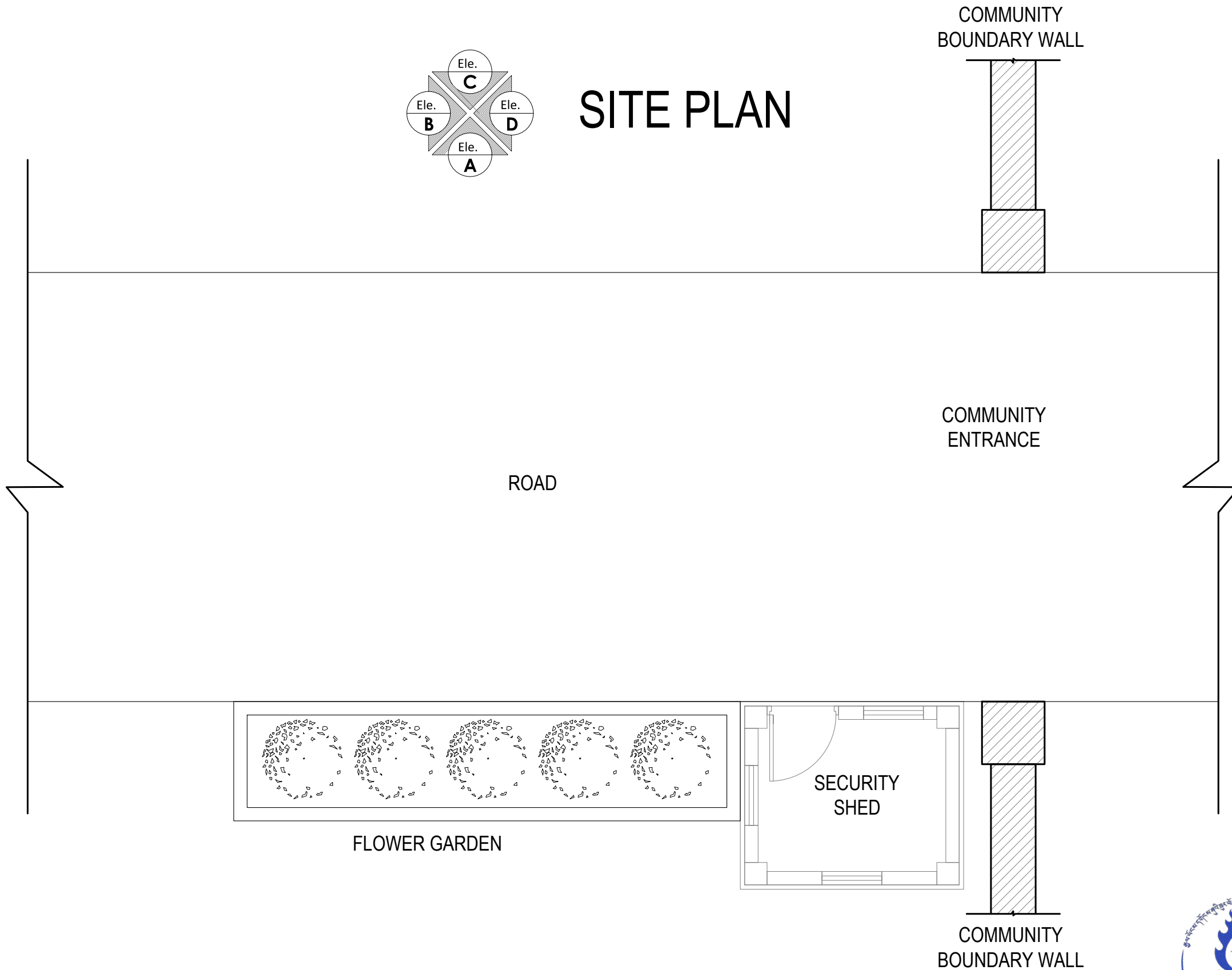
4 nos. 12mm nut and bolt



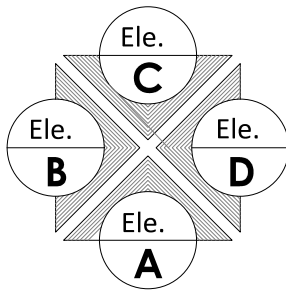
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|  | DATE: | REVISION NOTES: | SIGN: | <ul style="list-style-type: none"> <li>0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED</li> <li>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING</li> <li>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.</li> <li>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED</li> <li>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.</li> <li>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM</li> </ul> | OWNER DETAILS                                     | NPPF      | Truss Drawing for Security Room           |             |       |               | Drawing No.  |
|  |       |                 |       |   | Name: -<br>Plot No. -<br>Tham No. -<br>Location - |           | DRAWING TITLE<br>As Stated in the Drawing |             |       |               | AR-01        |
|  |       |                 |       |   |   | Engineer: | DRAWN BY:                                 | CHECKED BY: | DATE: | SCALE:<br>NTS | Revision No. |



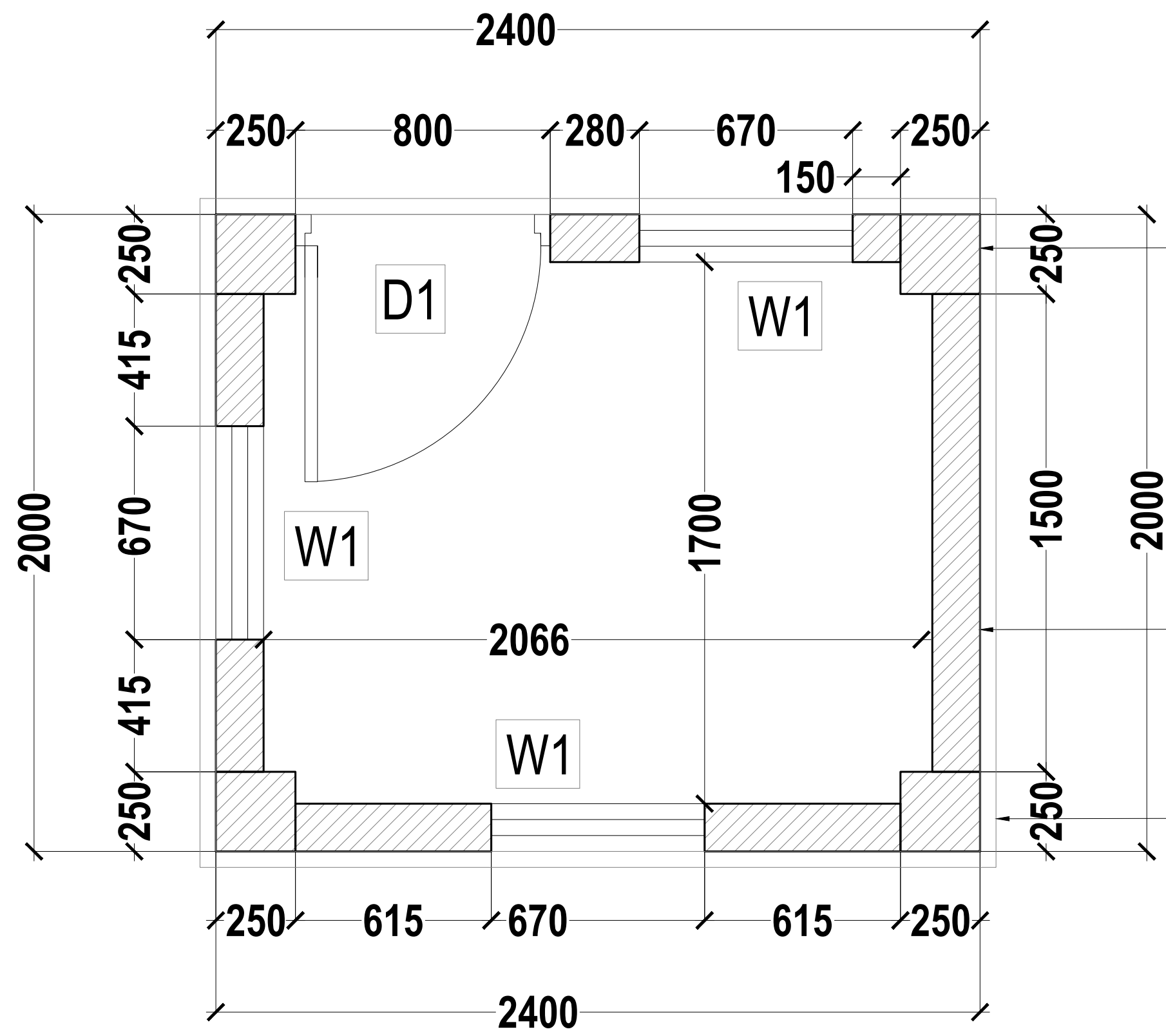
# SITE PLAN



|  |              |                        |              |   |   |                   |  |                    |              |                      |                     |
|--|--------------|------------------------|--------------|---|---|-------------------|--|--------------------|--------------|----------------------|---------------------|
|  | <b>DATE.</b> | <b>REVISION NOTES.</b> | <b>SIGN.</b> | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <b>OWNER DETAILS</b>                              | <b>NPPF</b>       | <b>Architectural Drawing for Security Shed</b>   |                    |              |                      | <b>Drawing No.</b>  |
|  |              |                        |              |   | Name: -<br>Plot No. -<br>Tharm No.-<br>Location - |                   | <b>DRAWING TITLE</b><br>As Stated in the Drawing |                    |              |                      |                     |
|  |              |                        |              |   |   | <b>ARCHITECT:</b> | <b>DRAWN BY:</b>                                 | <b>CHECKED BY:</b> | <b>DATE:</b> | <b>SCALE:</b><br>NTS | <b>Revision No.</b> |



# PLAN



250MM DOUBLE BRICK WALL AT CORNERS

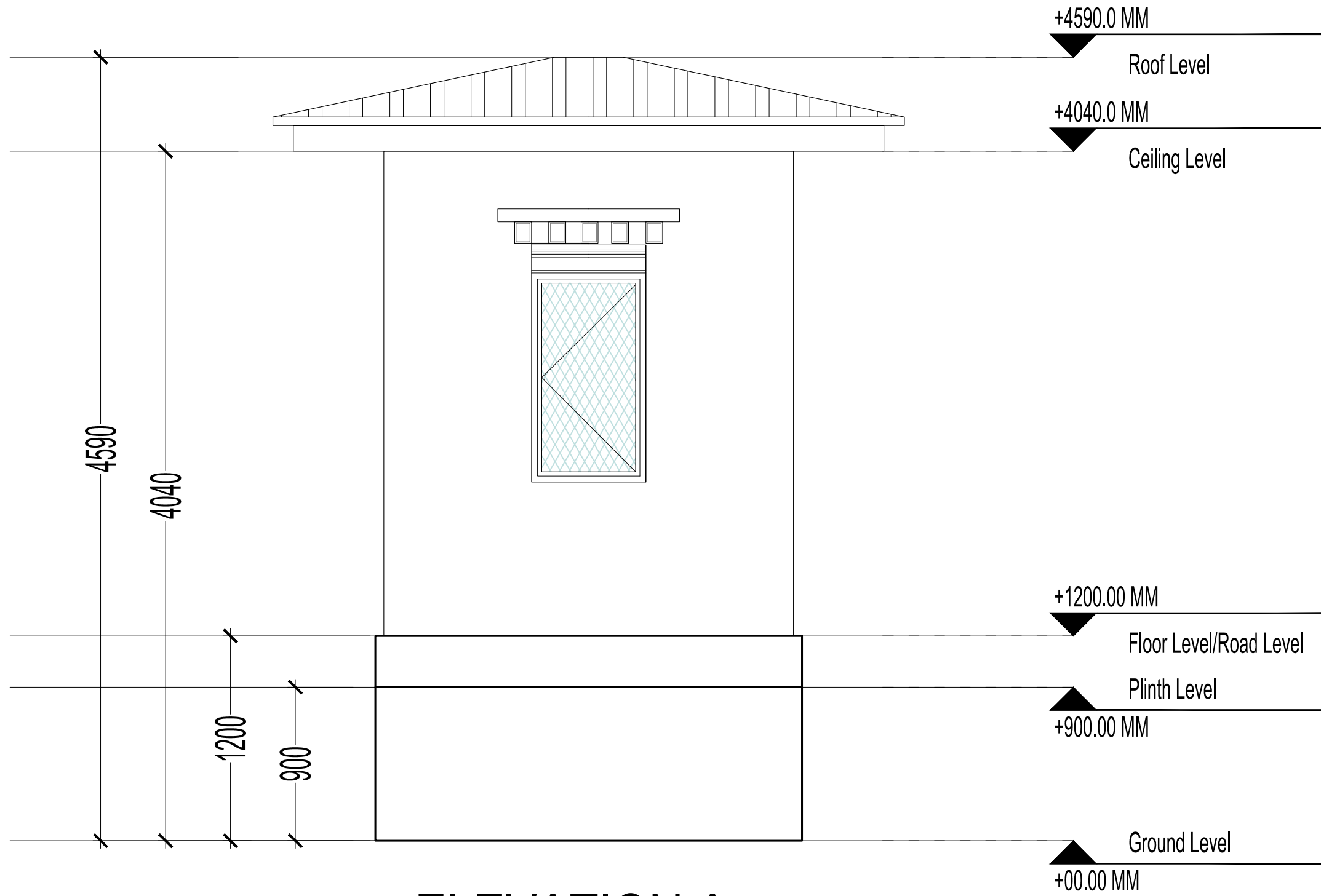
150MM HALF BRICK EXTERNAL WALL

50MM PLINTH PROJECTION AT ALL SIDES



|  |       |                 |       |   |   |      |   |  |  |           |                      |
|--|-------|-----------------|-------|---|---|------|---|--|--|-----------|----------------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <b>OWNER DETAILS</b><br><br>Name: -<br>Plot No. -<br>Tharm No.-<br>Location - | NPPF | Architectural Drawing for Security Shed |  |  |           | Drawing No.<br>AR-01 |
|  |       |                 |       |   |   |      | <b>ARCHITECT:</b>                       | <b>DRAWING TITLE</b><br>As Stated in the Drawing |  | DRAWN BY: | CHECKED BY:          |

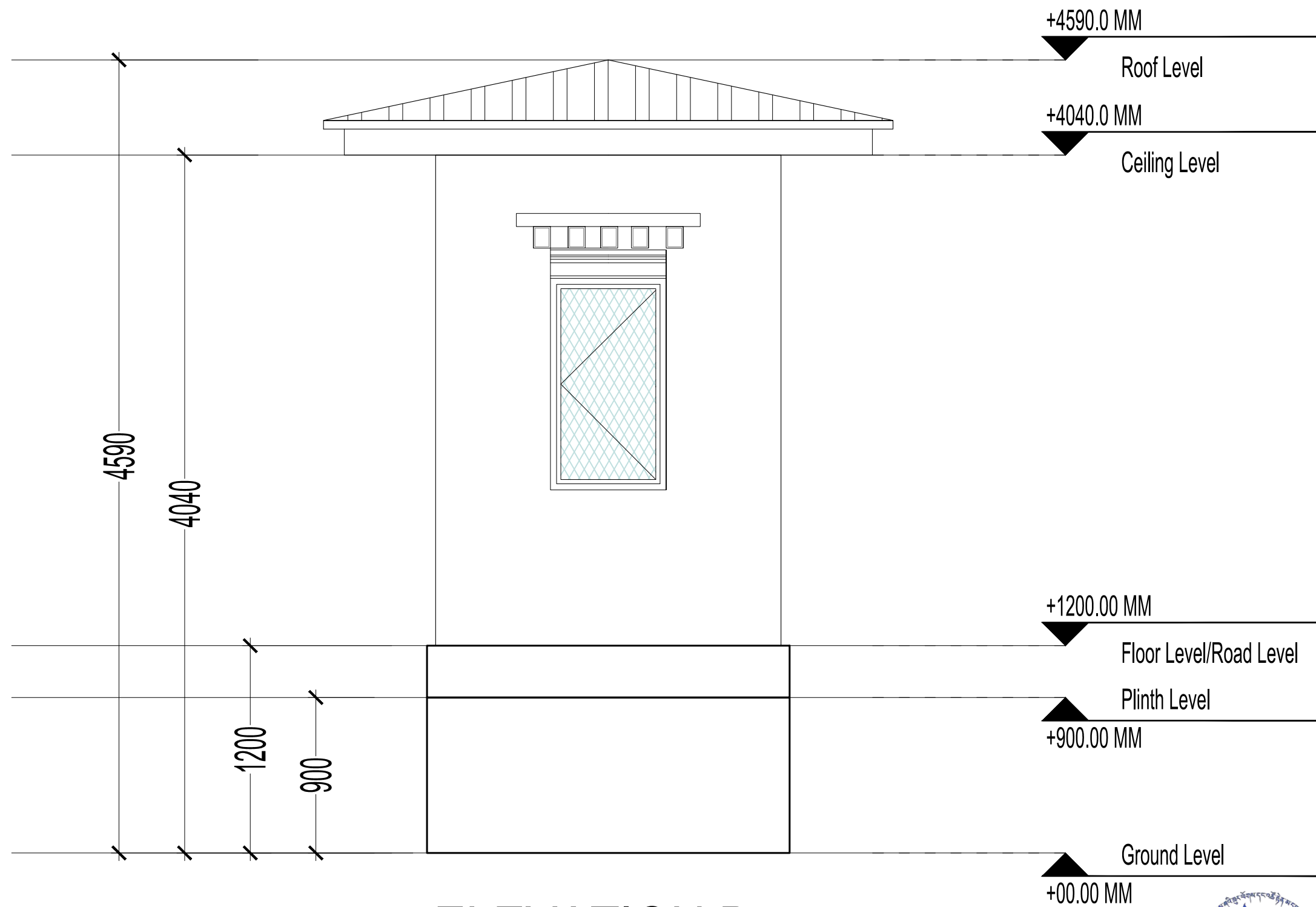




# ELEVATION A



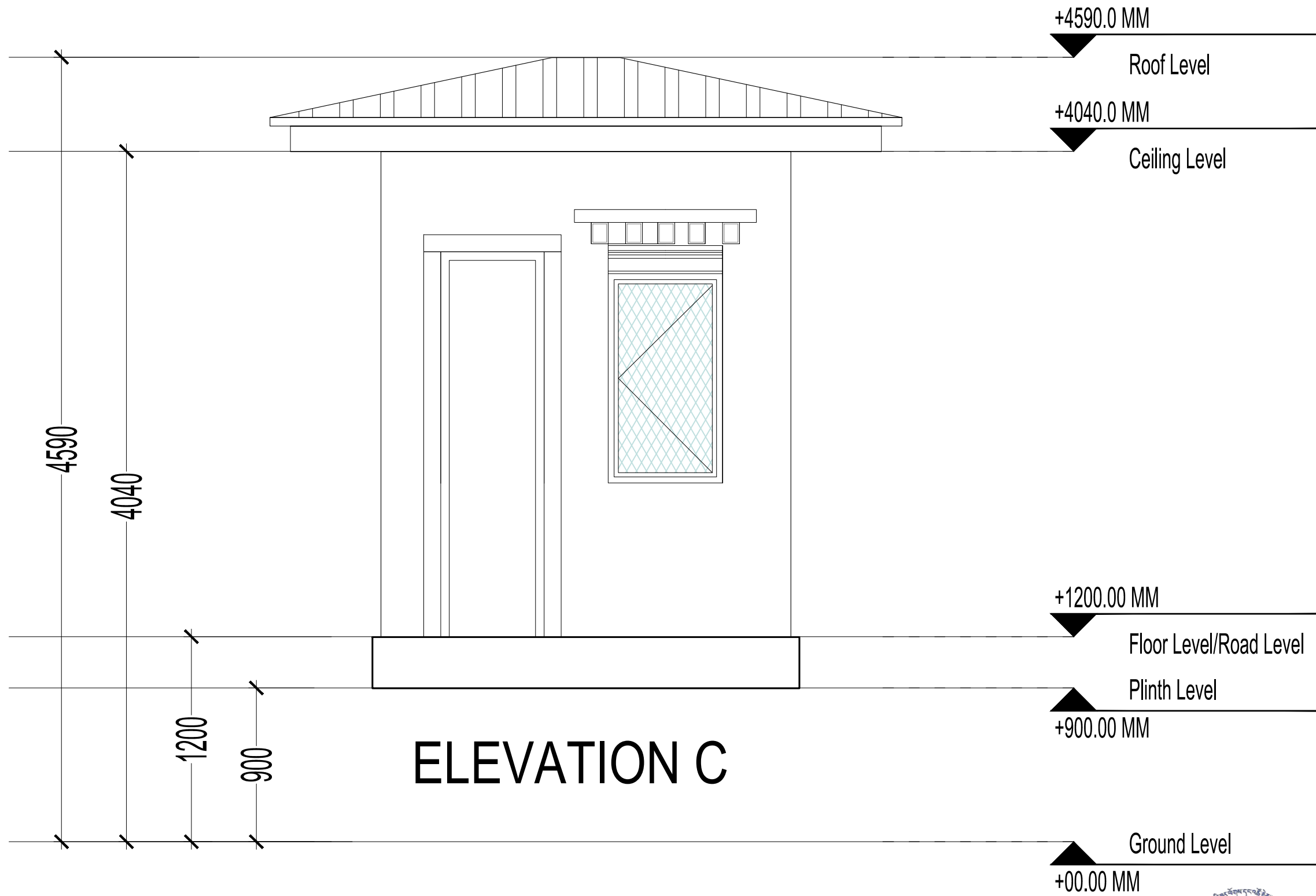
|  |              |                        |              |   |   |  |                   |  |                    |              |                      |                     |
|--|--------------|------------------------|--------------|---|---|--|-------------------|--|--------------------|--------------|----------------------|---------------------|
|  | <b>DATE.</b> | <b>REVISION NOTES.</b> | <b>SIGN.</b> | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <b>OWNER DETAILS</b>                              |  | <b>NPPF</b>       | <b>Architectural Drawing for Security Shed</b>   |                    |              |                      | <b>Drawing No.</b>  |
|  |              |                        |              |   | Name: -<br>Plot No. -<br>Tharm No.-<br>Location - |  |                   | <b>DRAWING TITLE</b><br>As Stated in the Drawing |                    |              |                      |                     |
|  |              |                        |              |   |   |  | <b>ARCHITECT:</b> | <b>DRAWN BY:</b>                                 | <b>CHECKED BY:</b> | <b>DATE:</b> | <b>SCALE:</b><br>NTS | <b>Revision No.</b> |



# ELEVATION B



|  |       |                 |       |   |   |            |   |   |           |             |       |               |
|--|-------|-----------------|-------|---|---|------------|---|---|-----------|-------------|-------|---------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | OWNER DETAILS                                     |            | NPPF                                      | Architectural Drawing for Security Shed |           |             |       | Drawing No.   |
|  |       |                 |       |   | Name: -<br>Plot No. -<br>Tharm No.-<br>Location - | ARCHITECT: | DRAWING TITLE<br>As Stated in the Drawing |   | DRAWN BY: | CHECKED BY: | DATE: | SCALE:<br>NTS |
|  |       |                 |       |   |   |            |   |   |           |             |       | Revision No.  |



# ELEVATION C



|  |              |                        |              |   |   |  |                   |  |                    |              |                      |                     |
|--|--------------|------------------------|--------------|---|---|--|-------------------|--|--------------------|--------------|----------------------|---------------------|
|  | <b>DATE.</b> | <b>REVISION NOTES.</b> | <b>SIGN.</b> | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <b>OWNER DETAILS</b>                              |  | <b>NPPF</b>       | <b>Architectural Drawing for Security Shed</b>   |                    |              |                      | <b>Drawing No.</b>  |
|  |              |                        |              |   | Name: -<br>Plot No. -<br>Tharm No.-<br>Location - |  |                   | <b>DRAWING TITLE</b><br>As Stated in the Drawing |                    |              |                      |                     |
|  |              |                        |              |   |   |  | <b>ARCHITECT:</b> | <b>DRAWN BY:</b>                                 | <b>CHECKED BY:</b> | <b>DATE:</b> | <b>SCALE:</b><br>NTS | <b>Revision No.</b> |





## DOOR OPENING SCHEDULE

| SL.NO | DOOR | NOS. | WIDTH( MM) | HEIGHT        |
|-------|------|------|------------|---------------|
| 1     | D1   | 1    | 800        | REFER DETAILS |

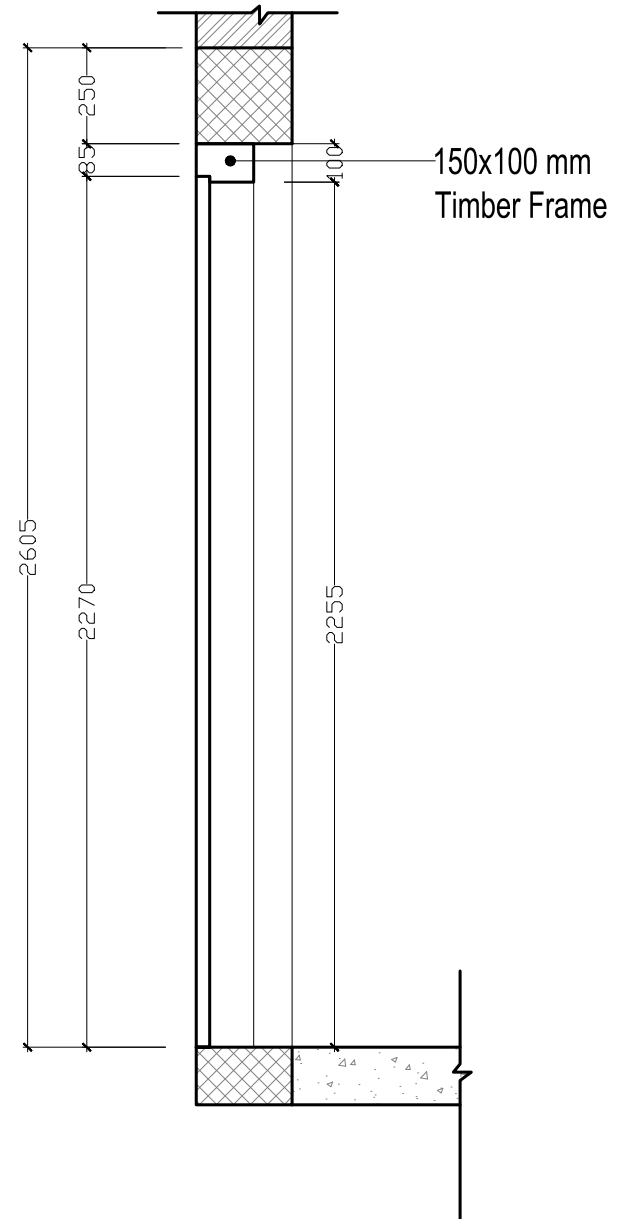
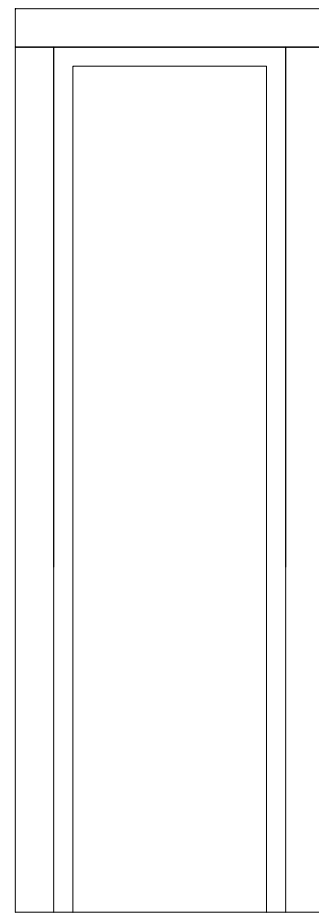
## WINDOW OPENING SCHEDULE

| SL.NO | WINDOW | NOS. | WIDTH( MM) | SILL HEIGHT (MM) | HEIGHT        |
|-------|--------|------|------------|------------------|---------------|
| 1     | W1     | 3    | 670        | 900              | REFER DETAILS |

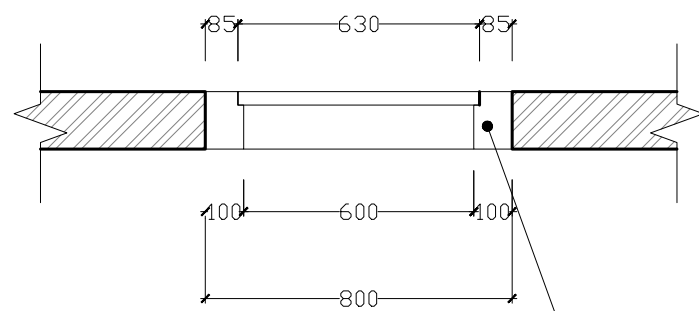


|  |       |                 |       |   |                      |   |            |   |             |       |               |              |
|--|-------|-----------------|-------|---|----------------------|---|------------|---|-------------|-------|---------------|--------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <u>OWNER DETAILS</u> |   | NPPF       | Architectural Drawing for Store Room      |             |       |               | Drawing No.  |
|  |       |                 |       |   |                      | Name: -<br>Plot No. -<br>Tharm No.-<br>Location - | ARCHITECT: | DRAWING TITLE<br>As Stated in the Drawing |             |       |               | AR-01        |
|  |       |                 |       |   |                      |   |            | DRAWN BY:                                 | CHECKED BY: | DATE: | SCALE:<br>NTS | Revision No. |

D1



150x100 mm  
Timber Frame

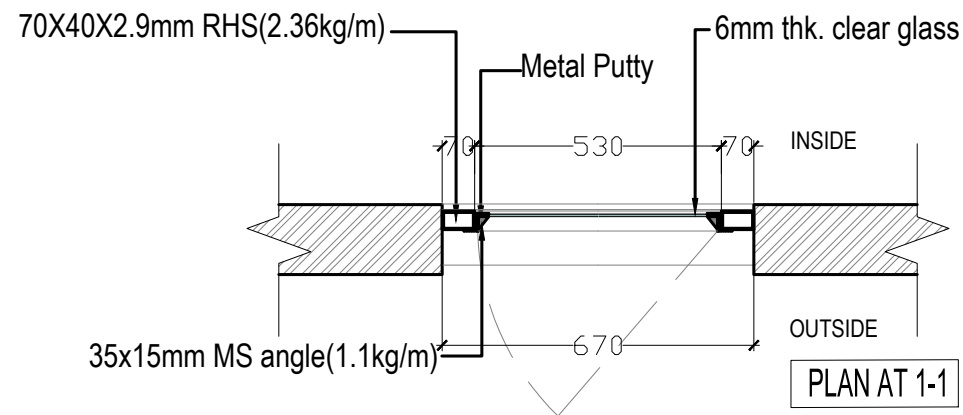
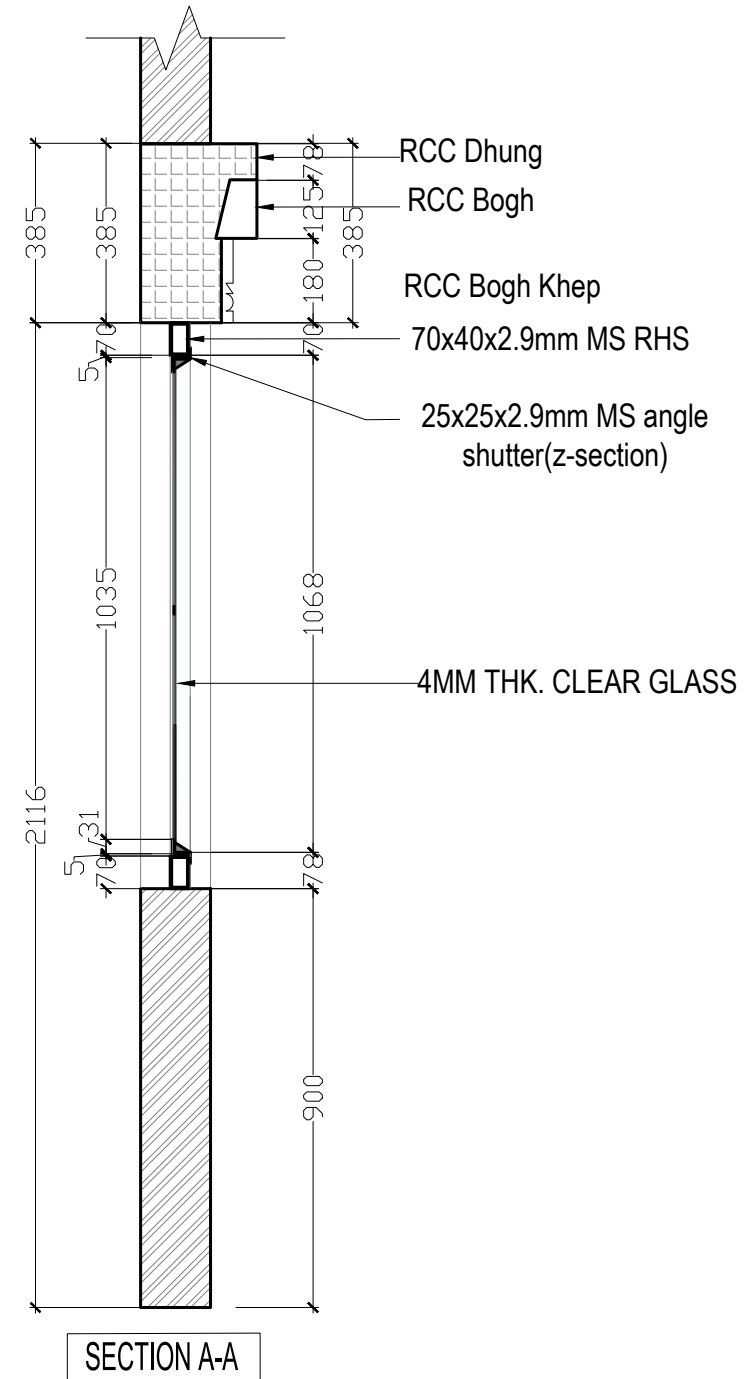
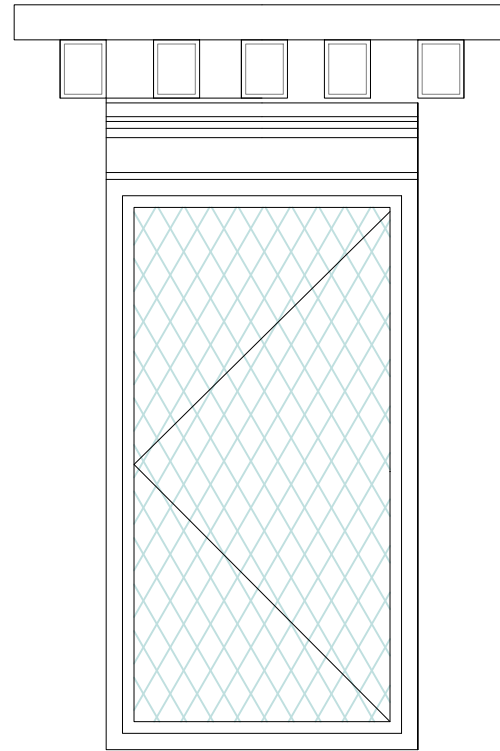


100x150 mm Timber Frame



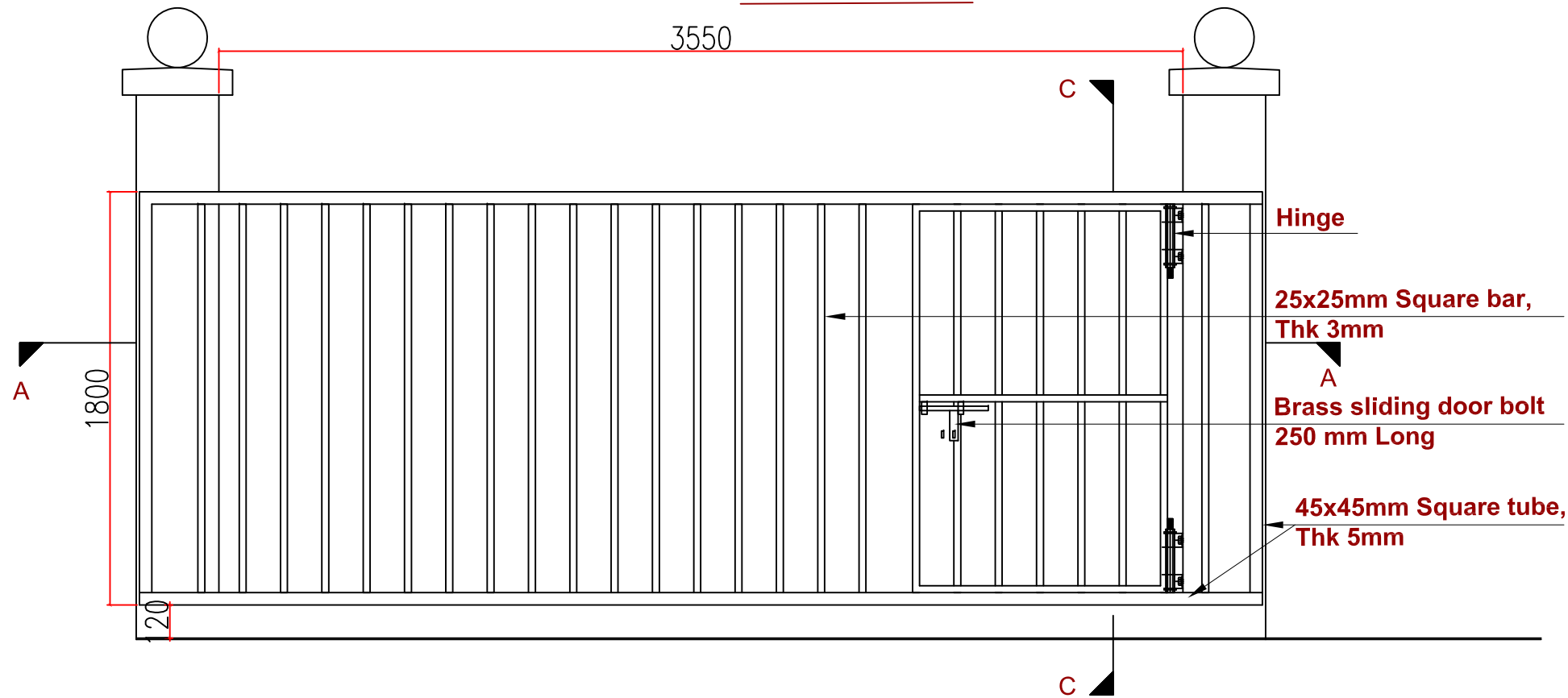
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|--|--------------|------------------------|--------------|---|---|-------------------|---|--|--------------|----------------------|---------------------|
|  | <b>DATE.</b> | <b>REVISION NOTES.</b> | <b>SIGN.</b> | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <b>OWNER DETAILS</b><br><br>Name: -<br>Plot No. -<br>Tharm No.-<br>Location - | <b>NPPF</b>       | <b>Architectural Drawing for Store Room</b> |  |              |                      | <b>Drawing No.</b>  |
|  |              |                        |              |   |   |                   |   | <b>DRAWING TITLE</b><br>As Stated in the Drawing |              |                      |                     |
|  |              |                        |              |   |   | <b>ARCHITECT:</b> | <b>DRAWN BY:</b>                            | <b>CHECKED BY:</b>                               | <b>DATE:</b> | <b>SCALE:</b><br>NTS | <b>Revision No.</b> |

W1



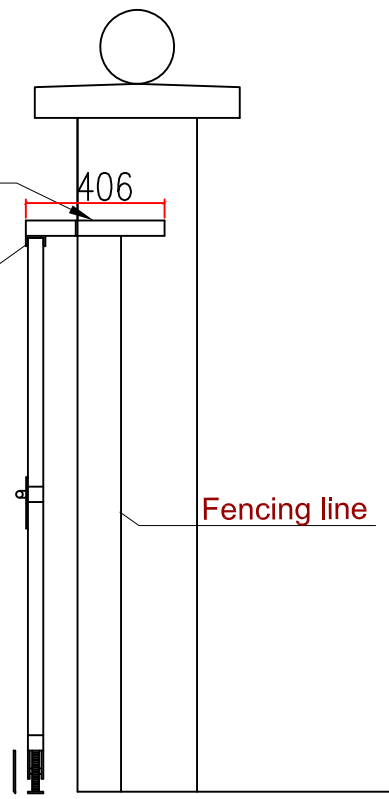
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|--|-------|-----------------|-------|---|---|-------------|--|-------------------|-----------|-------------|-----------------------------|
|  | DATE. | REVISION NOTES. | SIGN. | 0- ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED<br>0- ALL LEVELS GIVE w.r.t. +/- 0.00 AS UNFINISHED LEVEL OF BUILDING<br>0- WRITTEN DIMENSIONS TO BE READ AND NOT TO BE SCALED.<br>0- ALL DIMENSIONS MEASURE UNFINISHED SURFACE UNLESS OTHERWISE MENTIONED<br>0- ARR DRGS. TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRGS.<br>0- ANY DISCREPANCIES IN THE DRAWINGS IS TO BE BROUGHT TO THE IMMEDIATE NOTICE OF THE ARCHITECT/SUPERVISION TEAM | <b>OWNER DETAILS</b><br><br>Name: -<br>Plot No. -<br>Tharm No.-<br>Location - | <b>NPPF</b> | <b>Architectural Drawing for Store Room</b>      |                   |           |             | <b>Drawing No.</b><br>AR-01 |
|  |       |                 |       |   |   |             | <b>DRAWING TITLE</b><br>As Stated in the Drawing | <b>ARCHITECT:</b> | DRAWN BY: | CHECKED BY: |                             |

**GATE 2  
FRONT ELEVATION**

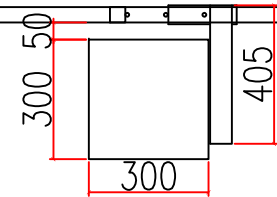


support clamp

channel-U shaped to  
hold the frame

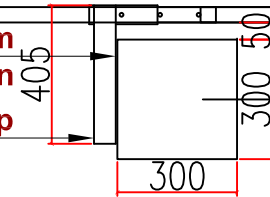


**SECTION @ C-C**



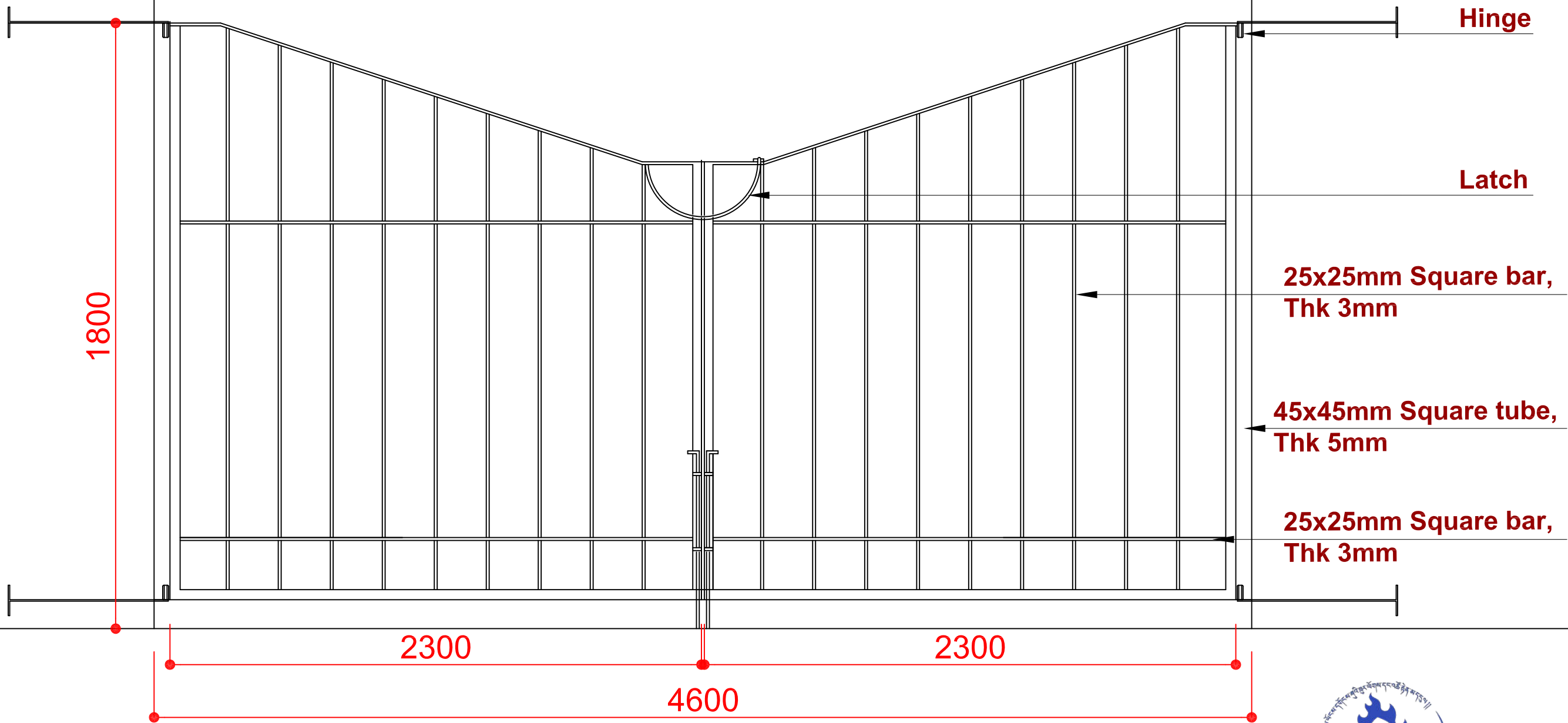
**SECTION @ A-A**

MS Flat 45x45mm  
surrounding the column  
Support Clamp



Fencing Line





## 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.*





## Letter of Acceptance

[Letterhead paper of the Procuring Agency]

### 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 equivalent52 of [insert amount in numbers and words] [insert name of currency], as corrected and modified53 in accordance with the Instructions to Bidders is hereby accepted by our Agency.

The Contract in duplicate is attached here to. 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

This Contract is made the [insert day] day of [insert month], [insert year] between [insert name and address of Procuring Agency] (hereinafter called “the Procuring Agency”) and [insert name and address of Contractor] (hereinafter called “the Contractor”) of the other part. Whereas the Procuring Agency is desirous that the Contractor execute [name and identification number of Contract] (hereinafter called “the Works”) and the Procuring Agency 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 witnessed 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 Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy any defects therein in conformity in all respects with the provisions of the Contract.
3. The Procuring Agency 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 Procuring Agency [signature of an authorized representative of the Procuring Agency]**

**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 Procuring Agency]*

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]),<sup>54</sup> such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without you needing to prove or to show grounds for your demand or the sum specified therein.

This Guarantee shall expire no later than 30 days from the date of issuance of the Certificate of Completion, calculated based on a copy of such Certificate which shall be provided to us, or on the [number] day of [month], [year], whichever occurs first. Consequently, any demand for payment under this Guarantee must be received by us at this office on or before that date. The Guarantor agrees to a one-time extension of this Guarantee for a period as required by the Procuring agency, in response to the Procuring Agency's written request for such extension, such request to be presented to the Guarantor before the expiry of the Guarantee.

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



**Bank Guarantee for Advance Payment**

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

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

**Beneficiary:** *[name and address of Procuring Agency]*

**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]*<sup>42</sup>) upon receipt by us for your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation under the Contract.

It is a condition for any claim and payment under this guarantee to be made that the Advance Payment referred to above must have been received by the 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]*,<sup>43</sup> 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 as required by the Procuring agency, in response to the Procuring Agency’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 Procuring Agency]

\_\_\_\_\_

Date: \_\_\_\_\_ [Insert date of issue]

RETENTION MONEY GUARANTEE No.: [Insert guarantee reference number]

We have been informed that \_\_\_\_\_ [insert name of Contractor] (here in after 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] (Here in after 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]<sup>44</sup> 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 ....., .....<sup>45</sup>, 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.***

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## **Additional Clause: Occupational Health and Safety (OHS)**

The contractor shall incorporate Occupational Health & Safety measures at the construction site as per standards and specification attached. The standard and specification for insurance, OHS material or equipment shall be in compliance with Labour & Equipment Act-2007, Regulation on Occupational Health, Safety and Welfare-2012 and other relevant documents.

Refer Guideline of Occupational Health and Safety for more detail.

### **Guideline of Occupational Health and Safety:**

#### **1.1 Percentage of OHS**

The equation yield percentage of OHS cost shall not be higher than 4% of quoted amount. If higher the employer shall fix the cost of OHS at 4% of the initial contract price.

#### **1.2 OHS Requirement**

- a. **Insurance:** Every worker should be insured for the entire period of construction.
- b. **Personal Protective Equipment's (PPE)**

Every worker should be provided with the following PPE to minimize exposure to hazards and to ensure safety at construction sites at all times.

- **To be provided to all the works at all times of work:**
  - Safety Helmet
  - High visibility vest
  - Safety Shoes
  - Safety belt
  - Protective gloves
- **To be provided to specific worker when performing specialized work as identified by the Project Team:**
  - Safety belt
  - Safety Harness
  - Safety goggle
  - Welding shield
  - Ear plug
  - Protective gloves

*'Specific workers include those workers working at height, welders, and workers engaged in works with high noise level, or those identified by the Project Manager.*

#### **1.3 Common Protective Measures (CPMs)**

Common Protective Measures (CPMs) should be present and followed throughout the entire period of construction:

- Adequate safety signs and signboards
- Boundary fence/barricade
- Fall protection



**1.5 Monitoring:**

NPPF will monitor and ensure that the OHS requirements are provided by the contractor at site and used appropriately “at all times”.

The non-incorporation of Occupational Health & Safety at the construction site as per the requirements, standards and specification as mentioned in this document will result to following deduction:

| SI | Description of PPE                     | Deduction/ (Nu.) | person/day | Unit               |
|----|--|------------------|------------|--------------------|
| A  | Personal Protection Equipment (PPE)    |                  |            |                    |
|    | To be provided to all at all times     |                  |            |                    |
|    | Safety Helmet                          | 120.00           |            | Per person per day |
|    | Safety Shoes                           | 120.00           |            | Per person per day |
|    | High Visibility vest                   | 120.00           |            | Per person per day |
|    | Dust Musk                              | 120.00           |            | Per person per day |
| B  | Specialized works as and when required |                  |            |                    |
|    | Safety Belt                            | 100.00           |            | Per person per day |
|    | Protective gloves                      | 100.00           |            | Per person per day |
|    | Safety harness                         | 100.00           |            | Per person per day |
|    | Safety goggle                          | 100.00           |            | Per person per day |
|    | Welding shield                         | 100.00           |            | Per person per day |
|    | Ear Plug                               | 100.00           |            | Per person per day |
| C  | Common Protection Measures (CPMs)      |                  |            |                    |
|    | First Aid tool box with Kits           | 250.00           |            | Per day            |
|    | Medical examination and record         | 50.00            |            | Per person per day |
|    | Safety Sign and sign board             | 150.00           |            | Per day            |
|    | Fire & Electrical Safety               | 150.00           |            | Per day            |
|    | Fall protection                        | 500.00           |            | Per day            |

**1.6 Mode of Payment:**

The payment of OHS shall be made on the monthly basis based on:

$$\frac{\text{Contractor Quotated OHS Amount or \% of Initial Contract price (whichever is less)}}{\text{Duration of Project (months)}} = \text{Payment of OHS}$$

Before making the payment, the focal person should verify and confirm that the OHS input requirements have been mobilized and implemented at site.



## ADDENDUM

### 3.3.2. Credit Line available

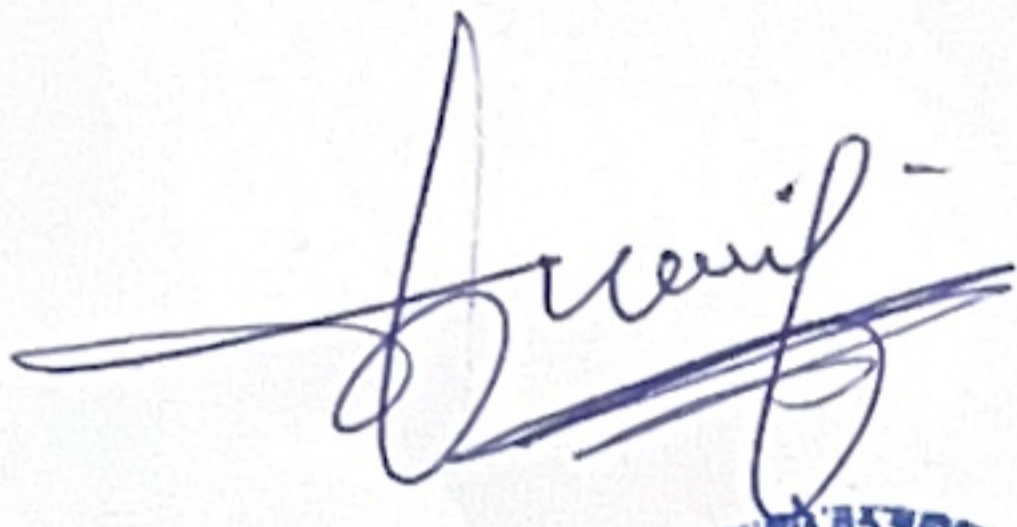
The Bidder shall demonstrate that it has access to lines of credit sufficient to meet the construction cash flow requirements estimated as Nu. 4,625,000.00 (Four million Six Hundred Twenty-Five Thousand) only.

*South*



**ADDENDUM 2**

Kindly ignore the page No. 64 of the main Bidding Documents and kindly replace with **page attached as Addendum 2.**



**ADDENDUM 2**

**D. Dismantling and Demolishing**

|    |    |  |      |           |             |  |
|----|----|--|------|-----------|-------------|--|
| 23 | AR | Dismantling /removal of old electrical wiring including, conduits for light, fan, call bell, socket outlets (16A/ 6A) circuit / submain wiring etc. and stacking materials and handing over to regional office (Phuntsholing) including repairing plaster, painting etc. making surface good. Quote should be dismantled and removal wires, conduits etc. for one unit including sub main wires. | each | 8.00      |             |  |
|    |    | Total amount (D)   |      | Nu.       |             |  |
|    |    | Total (A+B+C+D)/ one building  |      |           | (Nu)        |  |
|    |    | <b>Total for 4 buildings (IX)</b>  |      |           | <b>(Nu)</b> |  |
| X) |    | Occupational Health and Safety measures  |      | Nu.       |             |  |
|    |    | <b>Total (I+II+III+IV+V+VI+VII+VIII+IX+X)</b>  |      | <b>Nu</b> |             |  |

