

BIDDING DOCUMENT

# Construction of security restroom, bill board & canopies at Paro Airport



Department of Air Transport  
Ministry of Information and Communications

February 2018

## **Preface**

This Bidding Document for the Procurement of small works up to Nu. 4 million has been prepared by the Public Procurement Policy Division (PPPD) Ministry of Finance to be used for the Procurement of small works through National Competitive Bidding (NCB) in projects that are financed in whole or in part by the Royal Government of Bhutan (RGoB). It should be used in conjunction with the Procurement Rules and Regulations.

Those wishing to submit comments or questions on this Bidding Document or to obtain additional information on procurement under RGoB-financed projects may contact:

Public Procurement Policy Division (PPPD)  
Ministry of Finance  
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[pppd@mof.gov.bt](mailto:pppd@mof.gov.bt)

# INVITATION FOR BID

(IFB)



ཐམས་ལ་ནད་ལྷན་ཆེན་གྱི་འཕེལ་འགྲེལ་པུན་ལྷན་གྱི་  
 རྒྱུ་ལས་ལུགས་ལྷན་ཁག་གི་  
 Department of Air Transport  
 Paro International Airport  
 Ministry of Information & Communications  
 Royal Government of Bhutan



DoAT/ADD/EMS/2017-18/ 946

1<sup>st</sup> February 2018

General Manager  
 Kuensel Corporation Ltd  
 Thimphu

Subject: **Notice Inviting Tender**

Sir

Kindly publish the following NIT in the next issue of Kuensel.

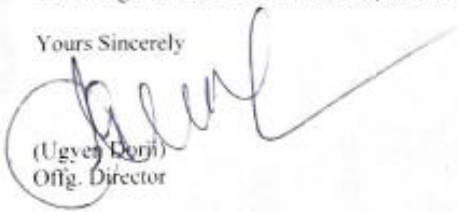
The Department of Air Transport is pleased to invite sealed bids for the following works:

Name of work	Class/ Category	Project duration	Date and time of submission	Date and time of opening
Construction of security restroom at Chang Outpost Paro Airport	Small/ W3	2 months	5 <sup>th</sup> March 2018 2PM (BST)	5 <sup>th</sup> March 2018 2:30PM (BST)
Maintenance of road towards JJ peak NAVAID station, Dawakha, Paro	Small/ W3	2 months	5 <sup>th</sup> March 2018 2PM (BST)	5 <sup>th</sup> March 2018 2:30PM (BST)

The tender document for the above works is available for download free of charge from websites [www.doat.gov.bt](http://www.doat.gov.bt) and [www.cdb.gov.bt](http://www.cdb.gov.bt). All interested bidders are asked to visit our website [www.doat.gov.bt](http://www.doat.gov.bt) for announcements/ amendments, if any.

The charges of the advertisement maybe forwarded to Accounts section for payment.

Yours Sincerely



(Ugyen Dorji)  
 Offg. Director

Copy to:

1. Accounts Officer, AFD, DoAT for information

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## Section 1: Instructions to Bidder (ITB)

### A. General

1. Scope of Tender
  - 1.1 The Employer, as **indicated in the BDS** issues this Bidding Document for the procurement of Works as specified in Section 6 (Employer's requirement): The name, identification and identification of this bidding are **provided in the BDS**.
  - 1.2 The successful Bidder will be required to complete the Works within the Time for Completion stated in the Special Conditions of Contract (SCC).
  - 1.3 Throughout this Bidding Documents;
    - (a) The term "in writing means communicated in written form with proof of receipt;
    - (b) If the context so requires, singular means plural and vice versa; and
    - (c) "day" means calendar day.
2. Corrupt Fraudulent Collusive or Coercive Practices
  - 2.1 The Royal Government of Bhutan requires that Employers and the Bidders shall observe the highest standard of ethics during the implementation of procurement proceedings and the execution of Contracts under public funds.
  - 2.2 In pursuance of this requirement, the Employer shall
    - (a) exclude the bidder from participation in the procurement proceeding concerned or reject a proposal for award; and
    - (b) declare a bidder ineligible, either indefinitely or for a stated period of time, from participation in procurement proceedings under public funds;
  - 2.3 If it, at any time, determines that the bidder has engaged in corrupt, fraudulent, collusive or coercive practices in competing for, or in executing, a Contract under the public funds.
  - 2.4 The Government defines, for the purposes of this provision, the terms set forth below as follows :
    - a) "**corrupt practice**"<sup>1</sup> is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence improperly the actions of another party;
    - b) "**fraudulent practice**"<sup>2</sup> is any intentional act or omission including misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefits or to avoid an obligation;

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<sup>1</sup> 'Another party' refers to a public official acting in relation to the procurement process or contract execution.

<sup>2</sup> A 'party' refers to a public official; the term 'benefit' and 'obligation' relate to the procurement process or contract execution; and the 'act or omission' is intended to influence the procurement process or contract execution.

- c) “**collusive practice**”<sup>3</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>4</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.
- 2.5 The bidder shall be aware of the provisions on fraud and corruption stated in GCC Clause 3 and GCC Sub-Clause 34.2(d).
- 2.6 The RGoB requires that the Employer’s personnel have an equal obligation not to solicit, ask for and/or use coercive methods to obtain personal benefits in connection with the said proceedings.
3. Eligible Bidders
- 3.1 Bidders of the categories **specified in the BDS** are eligible to participate in this bidding process.
- 3.2 The Employer shall invite Bids using the Open Tendering Method (National Competitive Bidding) or limited tender as applicable.
- 3.3 The bidder shall meet the qualification requirement stated in the BDS
4. Site Visit
- 4.1 The Bidders, at their own responsibility and risk, is encouraged to visit and examine the Site and obtain all information that may be necessary for preparing the bid and entering into a Contract for performance of the Works. The costs of visiting the Site shall be at the bidder’s own expense.

## B. Content of Bidding Document

5. Contents of Bidding Documents
- 5.1 The sections comprising the Bidding Document are listed below and should be read in conjunction with any Amendment issued in accordance with ITB Clause 7:
- PART 1 Bidding Procedures**
- Section 1: Instructions to Bidders (ITB)
  - Section 2: Bidding Data Sheet (BDS)
  - Section 3: Evaluation and Qualification Criteria
  - Section 4: Bidding forms
  - Section 5: General Conditions of Contract (GCC)
  - Section 6: Special Conditions of Contract (SCC)
  - Section 7: Contract Forms
  - Section 8: Bill of Quantities & Specifications
  - Section 9: Drawings
- 5.2 The Employer is not responsible for the completeness of the Bidding Document and their Addenda, if they were not obtained directly from the source stated by the Employer in the Invitation for Bids.
- 5.3 The Bidder is expected to examine all instructions, forms terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.
6. Clarification of Bidding Documents
- 6.1 A prospective Bidder requiring any clarification of the Bidding Document shall contact the Employer in writing at the Employer’s address **indicated in the BDS**.

<sup>3</sup> ‘parties’ refers to participations in the procurement process including public officials attempting to establish bid prices at artificial, non competitive levels.

<sup>4</sup> A ‘party’ refers to a participant in the procurement in the procurement process or contract execution.



7. Amendment of Bidding Documents
- 7.1 At any time prior to the deadline for submission of Bid, the Employer may amend the Bidding Document by issuing addenda and extend the deadline for the submission of bids at its discretion. Any amendment issued shall become an integral part of the Bidding Document and shall be communicated in writing to all those who have purchased the Bidding Document.

## C. Preparation of Bids

8. One Bid per Bidder
- 8.1 A Bidder shall submit only one (1) Bid. A Bidder who submits or participates in more than one (1) Bid shall cause all the proposals with the Bidder's participation to be disqualified.
9. Bid Preparation Costs
- 9.1 The Bidder shall bear all costs associated with the preparation and submission of its Bids, and the Employer shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Bidding process.
10. Language of Bid
- 10.1 All documents relating to the Bid shall be in the language specified in the BDS.
11. Documents comprising the Bid
- 11.1 The original and copy(ies) of Bid submitted by the Bidder shall comprise the following:
- (a) The Bid form (in the format indicated in Section IV – Forms of Bid, Qualification Information, Letter of Acceptance, and Contract);
  - (b) License and certificate
  - (c) Bid Security in accordance with Clause 19;
  - (d) Priced Bill of Quantities;
  - (e) and any other materials required to be completed and submitted by Bidders, as specified in the BDS.
- 11.2 The Instruction to Bidders, Bidding Data Sheet, General Conditions of Contract, Special Conditions of Contract, Specifications and drawings are for the information of the bidders and is not required to be submitted by the bidder,
- 12 Letter of Bid and Schedule
- 12.1 The letter of Bid, Schedules, and all documents listed under Clause 11, shall be prepared using the relevant forms in Section 4 (Bidding Forms), if so provided in BDS. The forms must be completed without any alterations to the text, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.
13. Alternative Bid
- 13.1 Alternative Bid shall not be considered in small works.
14. Bid Price and Discount
- 14.1 The prices and discounts quoted by the Bidder in the Letter of Bid and in the Schedules shall confirm to the requirements specified below;
- 14.2 The bidder shall submit a bid for the whole of the works described in ITB 1.1 by filling in prices for all items of the Works, as identified in Section 4, Bidding Forms. In case of admeasurements contracts, the Bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. Items against which no rate or price is entered by the Bidder will not be paid for by the Employer when executed and shall be deemed

		covered by the rates for other items and prices in the Bill of Quantities.
	14.3	The Bid price shall take into account the cost of materials, transportation, labour, taxes, levies, overheads and profit and any other cost. The Bid price shall be fixed for the duration of performance of the Contract and shall not be subject to any adjustment on any account. The Bid price shall be applicable for the whole works described in the Drawings, Specifications and Schedule of Works.
15	Currencies of Bid and Payment	15.1 All prices shall be quoted in Bhutanese Ngultrum (BTN) and shall be paid in BTN.
16	Documents comprising the Technical Proposal	16.1 The bidder shall furnish a work plan in simple bar chart and other information if provided in BDS, to demonstrate the adequacy of the Bidders' proposal to meet the work requirements and the completion time.
17	Documents establishing the Qualification of the Bidder	17.1 To establish its qualification to perform the Contract in accordance with Section 3 (Evaluation and Qualification Criteria) the Bidder shall provide the information requested in the corresponding information sheets included in Section 4 (Bidding Forms)
18	Bid Validity	18.1 Bids shall remain valid for the period <b>specified in the BDS</b> . Any Bids which does not meet the validity requirement as per the BDS shall be rejected by the Employer as non-responsive.
19	Bid Security	19.1 The Bidder shall at their option furnish, as part of the Bid, a Bid Security as <b>specified in the BDS</b> issued by any reputed Financial Institutions in Bhutan and shall be valid thirty (30) days beyond the Bid validity period. <ul style="list-style-type: none"> <li>a) Unconditional Bank Guarantee;</li> <li>b) A demand Draft; or</li> <li>c) Cash Warrant</li> </ul> 19.2 In exceptional circumstances, prior to the expiration of the Bid validity period, the Employer may solicit the Bidder's consent to an extension of the Bid validity period. The request and responses shall be made in writing. The validity of Bid Security shall be suitably extended promptly. 19.3 The Bid Security may be forfeited: <ul style="list-style-type: none"> <li>(a) if the Bidder withdraws the Bid after Bid opening during the period of Bid validity. Further the bidder may be excluded from future participation for a period of two years.</li> <li>(b) if the Bidder does not accept the correction of the Bid price, pursuant to clause 31; or</li> <li>(c) in the case of a successful Bidder, if the Bidder fails within the specified time limit to sign the Agreement; or furnish the required Performance Security.</li> </ul>
20	Format and Signing of Bid	20.1 The Bidder shall prepare one (1) original of the documents comprising the Bid as described in ITB Clause 11 and clearly mark it "ORIGINAL." In addition, the Bidder shall prepare the number of copies of the Bid, as specified in the BDS and clearly mark each of them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail. 20.2 The original and each copy of the Bid shall be typed or written in indelible ink and shall be signed by the person duly authorized to sign on behalf of

the Bidder.

- 20.3 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialled by the person(s) signing the Bid.

## D. Submission and Opening of Bids

- 21 Sealing and Marking of Bids
- 21.1 The Bidder shall enclose the original in one (1) envelope and all the copies of the bid in another envelope, duly marking the envelopes as "ORIGINAL" and "COPY." These two (2) envelopes shall then be enclosed in one (1) single outer envelope.
- 21.2 The inner envelopes shall:
- (a) Be signed across the seals by the person authorised to sign the Bid on behalf of the Bidder;
  - (b) Be marked "ORIGINAL" and "COPY" and
  - (c) Bear the name and address of the Bidder.
- 21.3 The outer envelope shall;
- (a) Be sealed with adhesive or other sealant to prevent reopening;
- 21.4 be addressed to the Employer at the address specified in the BDS; bear a statement "DO NOT OPEN BEFORE....." the time and date for Bid opening as specified in the BDS.
- 21.5 If all or any envelopes are not sealed and marked as required by ITB Sub-Clause 21, the Employer **shall not reject the bids but assume no responsibility for the misplacement or premature opening of the Bid.**
- 22 Bid Submission Deadline
- 22.1 Bids must be received by the Employer at the address and no later than the date and time **specified in the BDS.**
- 22.2 Bids may be hand delivered, posted by registered mail or sent by courier.
- 22.2 The Employer may, at its discretion, extend the deadline for the submission of Bids by amending the Bidding Document in accordance with ITB Clause 7, in which case all rights and obligations of the Employer and Bidders previously subject to the deadline shall thereafter be subject to the new deadline as extended.
- 23 Late Bids
- 23.1 Late bids shall not be considered and shall be returned unopened
- 24 Modification, Substitution or Withdrawal of Bids
- 24.1 A Bidder may modify, substitute or withdraw their Bids after it has been submitted by sending a written notice before the deadline for submission of Bids.
- 25 Bid Opening
- 25.1 The Employer shall open the Bids in the presence of the bidders who is attending the bid opening, including modifications or substitutions made pursuant to ITB Clause 24. Bidders or their representatives shall be allowed to attend and witness the bid opening and shall sign a register evidencing their attendance.
- 25.2 The name of the Bidder, Bid modifications, substitutions or withdrawals, total amount of each Bid, number of corrections, discounts, and the presence or absence of requisite Bid Security, and such other details as the Employer, at its discretion, may consider appropriate, shall be read out aloud and recorded.
- 25.3 The Employer shall prepare minutes of the Bid opening. The minutes shall

include, as a minimum, the name of the Bidders and whether there has been a withdrawal, substitution or modification; the Bid Price including any discounts and the presence or absence of a Bid Security, if one was required.

- 25.4 Bids not opened and read out at the Bid opening shall not be considered, irrespective of the circumstances, and shall be returned unopened to the Bidder.

## **E. Tender Opening and Evaluation**

- 26 Confidentiality 26.1 After the opening of Bids, information relating to the examination, clarification, and evaluation of Bids and recommendations for award shall not be disclosed to Bidders or other persons not officially concerned with the evaluation process until after the award of the Contract is announced.
- 27 Clarification 27.1 The Employer may ask Bidders for clarification of their Bids in order to facilitate the examination and evaluation of Bids. The request for clarification and the response shall be in writing, and any changes in the prices or substance of the Bid shall not be sought, offered or permitted, except to confirm the correction of arithmetical errors discovered by the Employer in the evaluation of the Bids, in accordance with ITB Clause 31.
- 28 Bidder:  
Contacting the  
Employer 28.1 Following the opening of Bids and until the Contract is signed no Bidder shall make any unsolicited communication to the Employer or try in any way to influence the Employer's examination and evaluation of Bids which may result in the rejection of bids. If any Bidder wishes to contact the Employer on any matter related to the Bidding process, it should do so in writing
- 29 Determination  
of  
Responsiveness 29.1 Prior to detailed evaluation of bids, the employer shall determine whether each bid (a) meets the eligibility criteria defined in ITB clause 3; (b) has been properly signed; (c) is accompanied by the bid security; and (d) is substantially responsive to the requirements of the bidding documents.
- 29.2 A substantially responsive Bid is one that conforms in all respects to the requirements of the Bidding Document without material deviation, reservation or omission. A material deviation, reservation or omission is one that:
- (a) affects in any substantial way the scope, quality, or performance of the Works specified in the Contract; or
  - (b) limits in any substantial way, or is inconsistent with the Bid Document, the Employer's rights or the Bidder's obligations under the Contract; or
  - (c) if rectified would unfairly affect the competitive position of other Bidders presenting substantially responsive Bids.
- 29.3 If a Bid is not substantially responsive to the Bidding Document it shall be rejected by the Employer and shall not subsequently be made responsive by the Bidder by correction of the material deviation, reservation or omission.
- 29.4 There shall be no requirement as to the minimum number of responsive Bids.

30 Non Conformities, Errors and Omissions	30.1	The Employer may regard a Bid as responsive even if it contains minor deviations that do not materially alter or depart from the characteristics, terms, conditions and other requirement set forth in the Bidding Document or if it contains errors or oversights that are capable of being corrected without affecting the substance of the Bid.
31 Evaluation and Comparison of Tenders	31.1	The Employer shall evaluate and compare only those Bids determined to be substantially responsive to the requirements of the Bidding Document. Substantially responsive Bids are those which fulfil the requirements of ITB Clauses 11 and 12.
	31.2	The evaluation will take into account corrected Bid Price and discounts (if any).
	31.3	The Employer will check substantially responsive Bids for any arithmetical errors. Where there is a discrepancy between the amounts in figures and words, the amount in words will govern. If a Bidder refuses to accept the correction, its Bids shall be rejected. The Employer shall correct arithmetical errors on the following basis: <ul style="list-style-type: none"> <li>(a) if there is a discrepancy between the unit price and the line item total, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Employer there is an obvious misplacement of the decimal point in the unit price, in which case the total price, as quoted, shall govern and the unit price shall be corrected; and</li> </ul>
32. Employer's Right to Accept or Reject any or all	32.1	The Employer reserves the right to accept any Bid, to annul the Bid proceedings, or to reject any or all Bids, at any time prior to Contract award, without thereby incurring any liability to Bidders, or any obligation to inform Bidders of the grounds for the Employer's actions.

## F. Contract Award

33. Award Criteria	33.1	The Employer shall award the Contract to the Bidders whose offer is substantially responsive to the Bidding Document and that has been determined to be the lowest evaluated Bid, provided that the Bidder is determined to be qualified to perform the Contract satisfactorily
34. Letter of Intent to Award the Contract/ Notification of Award	34.1	The Employer shall notify the concerned Bidder whose bid has been selected in accordance with ITB 33.1 in writing (in the format in Section 4-hereafter called the "Letter of Intent to Award) that the Employer has intention to accept its bid and the information regarding the name, address and amount of selected bidder shall be given to all other bidders who submitted the bid. Such notification should be communicated in writing, including by cable, facsimile, telex or electronic mail to all the bidders on the same day of dispatch. The Employer shall ensure that the same information is uploaded on their website on the same day of dispatch.
	34.2	If no bidder submits an application pursuant to ITB 35 within a period of ten (10) days of the notice provided under ITB 34.1, Prior to the expiration of the period of Bid validity, the Employer shall notify the successful Bidder, in writing that its Bid has been accepted. Until a formal contract is prepared and executed, the Notification of Award shall constitute a binding Contract.
	34.3	Within fifteen (15) working days of the receipt of the Notification of Award from the Employer, the successful Bidder shall furnish the Performance Security, in the amount specified in the BDS.

34.4 The proceeds of the performance security shall be payable to the Employer unconditionally upon first written demand as compensation for any loss resulting from the Contractor's failure to complete its obligations under the Contract

34.5 Within fifteen (15) working days of receipt of the notification of award, the successful Bidder shall sign, date and return it to the Employer.

#### 35.Complaints

35.1 The Bidder shall submit the complaint in writing within ten (10) days from the date of letter of intent to award the contract pursuant to ITB 34.1 to the Employer.

35.2 The Bidder may appeal to the Independent Review Body only if the Employer has not delivered the decision within the specified time, or the complainant is not satisfied with the decision of the Employer in accordance with rules and procedures of Independent Review Body.

<b>Section 2 - Bidding Data Sheet</b>	
<b>ITB Clause</b>	<b>Amendment of, and Supplements to, Clauses in the Instructions to Bidders</b>
<b>A. General</b>	
<b>ITB 1.1</b>	<p>The Employer is <i>Director, Department of Air Transport</i></p> <p>The Name and Identification of the Contract is/are <i>Construction of security restroom, billboard &amp; canopies.</i></p> <p>The Works are as per Bill of Quantities</p>
<b>ITB 3.2</b>	<p><b>Open Tendering method</b></p> <p>All Bidders regardless of whether enlisted or not enlisted with the Dzongkhag may submit Bids provided they otherwise qualify.</p>
<b>ITB 3.3</b>	<p>The evaluation shall be based on the lowest price of the responsive bidder and the work will awarded to the lowest responsive bidder.</p>
<b>B. Bidding Documents</b>	
<b>ITB 7.1</b>	<p>For <u>clarification of Tenders purposes</u> only, the Employer's address is:</p> <p>Attention: Director</p> <p>Address: Department of Air Transport, Ministry of Information and Communications</p> <p>Telephone: 08271403</p> <p>Facsimile number: 08271750</p> <p>Electronic mail address: <a href="mailto:kwangchuk@doat.gov.bt">kwangchuk@doat.gov.bt</a></p>
<b>C. Preparation of Bids</b>	
<b>ITB 15.1</b>	<p>The Bid validity period shall be [ 60 ] days.</p>
<b>ITB 15.2</b>	<p>A Bid Security in the amount of <b>Nu. [40,000.00]</b> will be required, in the form;</p> <ul style="list-style-type: none"> <li>a) Unconditional Bank guarantee</li> <li>b) Cash warrant; or</li> <li>c) Demand draft</li> </ul>
<b>ITB 16.1</b>	<p>A simple bar chart is <i>required</i></p>
<b>ITB 19.1</b>	<p>In addition to the original, [<i>one</i>] copy shall be submitted.</p>
<b>D. Submission and Opening of Bids</b>	
<b>ITB 17.2</b>	<p>The inner and outer envelopes shall bear the following additional identification marks:</p> <p><i>"Copy" for the copy and "original" for the original with the employer's address</i></p>

<b>ITB 17.2</b>	<p>For <b><u>Bid submission purposes</u></b> only, the Employer's address is:  Attention: Director  Address: Department of Air Transport, Ministry of Information and Communications  Paro International Airport  The deadline for the submission of Tenders is:  Time &amp; Date: <b>2PM BST 12<sup>th</sup> March 2018</b></p>
<b>ITB 21.1</b>	<p>The Bid opening shall take place on the same day as the closing day of the bid submission at: <i>Director's Office, Arrival Terminal 2<sup>nd</sup> Floor, Paro International Airport</i>  Date: 12<sup>th</sup> March 2018; Time: 2:30PM BST</p>
<b>F. Award of Contract</b>	
<b>ITB 34.2</b>	<p>The amount of Performance Security shall be [Ten] percent of the Contract Price.</p>



### **Section 3 – Evaluation and Qualification Criteria**

This section contains all the criteria that the Employer shall use to evaluate bids and qualify Bidders if the bidding was not preceded by a prequalification exercise and post qualifications are applied. Procuring Agency may apply basic minimum technical qualification requirement (manpower and equipments) only if there is a project specific need.

#### **1. Evaluation**

1.1 Evaluation shall be done to determine the responsiveness and the award shall be made to the lowest evaluated bidder.

### **Section 4: Forms of Bid & Qualification Information**

#### **Table of Standard**

#### **Forms**

Standard Form: Form of Bid
Standard Form: Letter of Intent
Standard Form: Letter of Acceptance
Standard Form: Bid security Bank Guarantee

# Standard Form: Form of bid

*Notes on Form of Bid:*

*The Bidder shall fill in and submit this bid form with the Bid. If Bidders do not fill in the Contract Price and does not sign this Bid form, the bids will be rejected..*

\_\_\_\_\_ [date]

To \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

We offer to execute the contract for construction of “\_\_\_\_\_” in accordance with the Conditions of Contract accompanying this Bid for the Contract Price of \_\_\_\_\_ [amount in figures] ( \_\_\_\_\_ ) [amount in words] \_\_\_\_\_ [name of currency].

The contract shall be paid in Ngultrums (Nu.)

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.

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

**(Affix Legal Stamp)**

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

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

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

# Standard Form: Qualification Information

*Notes on Form of Qualification Information: The following information is to be filled in by bidders which will be used for purposes of evaluation*

**1. Individual bidders**

- 1.1 Constitution of legal status of Bidder [attach copy]
- Place of registration: \_\_\_\_\_
- Principal place of business: \_\_\_\_\_
- Power of attorney of signatory of Bid [attach]

1.2 Qualifications and experience of key personnel proposed for administration and execution of the Contract. Refer BDS. The supporting documents such detailed CVs signed in original supported by certificates for qualification and experience.

Position	Name	Qualification & year of experience (general)	Year of experience in proposed position	Remarks
Supervisor				

# Standard Form: Letter of Intent

*(Letterhead paper of the Employer)*

## **Notes on standard form of letter of Intent**

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

*The Employer shall allow 10 days as described in ITB 34.2 between this letter of intent and letter of acceptance to allow aggrieved bidders to challenge your decision if they feel they have treated unfairly.*

*(Insert date)*

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

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

Authorized Signature: -----

Name and Title of Signatory:-----

Name of Agency:-----

CC:

[Insert name and address of all other bidders who submitted the bid]

# Standard Form: Letter of Acceptance

[letterhead paper of the Employer]

## *Notes on Standard Form of Letter of Acceptance*

*The Letter of Acceptance will be the basis for formation of the Contract as described in Clauses 31 and 32 of the Instructions to Bidders. This Standard Form of Letter of Acceptance should be filled in and sent to the successful Bidder only after evaluation of bids has been completed.*

[date] \_\_\_\_\_

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

[name of the Contractor]

\_\_\_\_\_  
[address of the Contractor]

This is to notify that your Bid dated \_\_\_\_\_ for the execution of the contract for the construction of “\_\_\_\_\_ - \_\_\_\_\_” for the Contract Price \_\_\_\_\_ [amount in numbers] \_\_\_\_\_ [amount in words] \_\_\_\_\_ [name of currency], as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency. The start date of the project is \_\_\_\_\_. The completion date for whole of the works shall be \_\_\_\_\_.

You are hereby instructed to proceed with the execution of the said Works in accordance with the Contract documents.

Authorized Signature:

\_\_\_\_\_

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

Name of Agency:

\_\_\_\_\_

Attachment: Agreement

## Bank Guarantee for Bid Security

*[this is the format for the Bid Security to be issued by a financial institutions in Bhutan in accordance with ITB Clause 19]*

Invitation for Bid No:

Date:

Bid Package No:

To:

[Name and address of Employer]

### TENDER GUARANTEE No:

We have been informed that *[name of Bidder]* (hereinafter called "the Bidder") intends to submit to you its Bid dated *[date of bid]* (hereinafter called "the Tender") for the execution of the Works of *[description of works]* under the above Invitation for Bids (hereinafter called "the IFB").

Furthermore, we understand that, according to your conditions Bids must be supported by a Bid Guarantee.

At the request of the Bidder, we *[name of bank]* hereby irrevocably undertake to pay you, without cavil or argument, any sum or sums not exceeding in total an amount of Nu *[insert amount in figures and words]* upon receipt by us of your first written demand accompanied by a written statement that the Bidder is in breach of its obligation(s) under the Bid conditions, because the Bidder:

- (a) has withdrawn its Bids during the period of Bid validity specified by the Bidder in the Form of Bid; or
- (b) does not accept the correction of errors in accordance with the Instructions to Bidders ITB; or
- (c) having been notified of the acceptance of the Bid by the Employer during the period of Bid validity,
  - (i) fails or refuses to furnish the performance security in accordance with the ITT, or
  - (ii) fails or refuses to execute the Contract Form,

This guarantee will expire

- (a) if the Bidder is the successful Bidder, upon our receipt of a copy of the Performance Security and a copy of the Contract signed by the Bidder as issued by you; or
- (b) if the Bidder is not the successful Bidder, thirty days after the expiration of the Bidder's Tender validity period, being *[date of expiration of the Tender]*.

Consequently, we must receive at the above-mentioned office any demand for payment under this guarantee on or before that date.

Signature

Signature

## Section 5. General Conditions of Contract

1. Definitions
  - 1.1 The following words and expressions shall have the meaning hereby assigned to them. Boldface type is used to identify the defined terms:
    - (a) **Completion Certificate** means the Certificate issued by the Employer as evidence that the Contractor has executed the Works in all respects as per drawing, specifications, and Conditions of Contract.
    - (b) The **Completion Date** is the date of completion of the Works as certified by the Engineer, in accordance with GCC Clause 18.
    - (c) **Contract** means the Agreement entered into between the Employer and the Contractor to execute, complete and maintain the Works.
    - (d) **Contractor** means the person or corporate body whose Tender to carry out the Works has been accepted by the Employer and is named as such in the SCC.
    - (e) **Contract Price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract. The **Contractor's Bid** is the completed Bid Document including the priced offer submitted by the Contractor to the Employer.
    - (f) **Days** mean calendar days.
    - (g) A **Defect** is any part of the Works not completed in accordance with the Contract.
    - (h) The **Employer** is the party named in the SCC who employs the Contractor to carry out the Works.
    - (i) The **Engineer** is the person named in the SCC, who is responsible for supervising the execution of the works and administering the Contract.
    - (j) The **Intended Completion Date** is the date specified in the SCC on which the Contractor shall complete the Works and may be revised if extension of time or an acceleration order is issued by the Engineer.
    - (k) The **Site** is the area defined as such in the SCC.
    - (l) The **Works** are what the Contract requires the Contractor to construct, install, and hand over to the Employer, as defined in the SCC.
2. Interpretation & Documents forming the Contract
  - 2.1 In interpreting the GCC, singular also means plural, male also means female or neuter, and the other way around. Headings in the GCC shall not be deemed part thereof or be taken into consideration in the interpretation or construance of the Contract. Words have their normal meaning under the language of the Contract unless specifically defined.
  - 2.2 The following documents forming the Contract shall be interpreted in the following order of priority:
    - (a) the signed Contract Agreement.
    - (b) the letter of Notification of Award.
    - (c) the completed Bid form as submitted by the Bidder.
    - (d) the Special Conditions of Contract.
    - (e) the General Conditions of Contract.

- (f) Specifications
- (g) the Drawings.
- (h) any other document listed in the PCC as forming part of the Contract.

3. Corrupt, Fraudulent, Collusive or Coercive Practices
- 3.1 The Government requires that Employers, as well as Contractors shall observe the highest standard of ethics during the implementation of procurement proceedings and the execution of Contracts under public funds.
- 3.2 In pursuance of this requirement, the Employer shall
- (a) exclude the Contractor from participation in the procurement proceedings concerned or reject a proposal for award; and
  - (b) declare a Contractor ineligible, either indefinitely or for a stated period of time, from participation in procurement proceedings under public fund;
- 3.3 The Government defines, for the purposes of this provision, the terms set forth below as follows:
- (a) corrupt practice<sup>5</sup> is the offering, giving, receiving or soliciting, directly or indirectly, of anything of value<sup>6</sup> to influence improperly the actions of another party;
  - (b) “fraudulent practice”<sup>7</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;
  - (c) “collusive practice”<sup>8</sup> is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party; and
  - (d) “coercive practice”<sup>9</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.
- 3.4 The Government requires that the Client’s personnel have an equal obligation not to solicit, ask for and/or use coercive methods to obtain personal benefits in connection with the said proceedings.

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<sup>5</sup> “another party” refers to a public official acting in relation to the procurement process or contract execution. In this context, “public official” includes staff and employees of any organizations (including any institutions providing finance for the Works) taking or reviewing procurement decisions.

<sup>6</sup> “anything of value” includes, but is not limited to, any gift, loan, fee, commission, valuable security or other asset or interest in an asset; any office, employment or contract; any payment, discharge or liquidation of any loan, obligation or other liability whatsoever, whether in whole or in part; any other services, favour or advantage, including protection from any penalty or disability incurred or apprehended or from any action or proceeding of a disciplinary or penal nature, whether or not already instituted and including the exercise or the forbearance from the exercise of any right or any official power or duty.

<sup>7</sup> a “party” refers to a public official; the terms “benefit” and “obligation” relate to the procurement process or contract execution; and the “act or omission” is intended to influence the procurement process or contract execution.

<sup>8</sup> “parties” refers to participants in the procurement process (including public officials) and an “improper purpose” includes attempting to establish bid prices at artificial, non competitive levels.

<sup>9</sup> a “party” refers to a participant in the procurement process or contract execution.



- |  |   |
|--|---|
| 4. Governing Language and Law                          | 4.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Contractor and the Employer, shall be written in English unless otherwise stated in the SCC. The Contract shall be governed by and interpreted in accordance with the laws of the Kingdom of Bhutan.   |
| 5. Engineer's Decision                                 | 5.1 Except where otherwise specifically stated in the SCC, the Engineer will decide Contractual matters between the Employer and the Contractor in the role as representative of the Employer.  |
| 6. Delegation  | 6.1 The Engineer may delegate any of his duties and responsibilities to his representative, after notifying the Contractor, and may cancel any delegation, without retroactivity, after notifying the Contractor.   |
| 7. Communications and Notices                          | 7.1 Communications between Parties pursuant to the Contract shall be in writing to the address specified in the SCC. A notice shall be effective when delivered or on the notice's effective date, whichever is later.  |
| 8. Sub- Contracting                                    | 8.1 The Contractor shall not be permitted to subcontract any part of the Works in whole or in part.   |
| 9. Contractor's Personnel                              | 9.1 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 Engineer.  |
| 10. Welfare of Labourers & Child Labour                | <p>10.1 The Contractor shall provide proper accommodation to his labourers and arrange proper water supply, conservancy and sanitation arrangements at the site in accordance with relevant regulations, rules and orders of the government.</p> <p>10.2 The Contractor shall comply with the applicable minimum age, labour laws and requirements of (including applicable treaties which have been ratified by) the Government of Bhutan regarding hazardous forms of child labour.</p>   |
| 11. Safety, Security and Protection of the Environment | <p>11.1 The Contractor shall throughout the execution and completion of the Works and the remedying of any defects therein :</p> <p>(a) have full regard for the safety of all persons entitled to be upon the Site and keep the Site and the Works in an orderly state;</p> <p>(b) provide and maintain at the Contractors own cost all lights, guards, fencing, warning signs and watching for the protection of the Works or for the safety on-site; and</p> <p>(c) take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of the Contractors methods of operation.</p> |
| 12. Access to the Site                                 | 12.1 The Contractor shall allow the Engineer and any person authorised by the Engineer 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.  |
| 13. Documents, Information.                            | 13.1 The Contractor shall furnish to the Engineer all information, schedules, calculations and supporting documentation that may be requested of it.  |
| 14. Property   | 14.1 If the contract is terminated by the Employer because of the contractors default, then, the contractor shall not be allowed to remove any materials on the Site, Plant, and Temporary Works until the matter is amicably resolved.   |

15. Insurance	15.1	The Contractor shall provide insurance as stated in the SCC
	15.2	The Contractor shall deliver policies and certificates of insurance to the Engineer, for the Engineer's approval, before the Start Date.
	15.3	If the Contractor does not provide any of the policies and certificates required, the Employer may effect the insurance which the Contractor should have provided and recover the premiums the Employer has paid from payments otherwise due to the Contractor or, if no payment is due, the payment of the premiums shall be a debt due.
16. Possession of the Site	16.1	The Employer shall give possession of the Site, or parts of the Site, to the Contractor on the date(s) specified in the SCC.
17. Commencement of Works	17.1	The Contractor may commence execution of the Works on the Start Date, or other such date as specified in the SCC, and shall carry out the Works in an expeditious manner.
	17.2	If the Contractor fails to commence the works within the above stated period, the Employer may, at his sole discretion, terminate the Contract and forfeit the Performance Security, if any.
18. Completion of Works	18.1	The Contractor shall complete the Works within the number of days stated in the SCC from the date of commencing the Works on the Site.
19. Programme of Works	19.1	Within the time stated in the SCC, the Contractor shall submit to the Engineer for approval a work program. The Contractor shall submit to the Engineer for approval an updated Programme at intervals no longer than the period stated in the SCC.
20. Early Warning	20.1	The Contractor shall warn the Engineer at the earliest opportunity of specific likely future events or circumstances that may adversely affect the quality of the work result in increase to the Contract Price or delay in the execution of the Works.
21. Compensation Events	21.1	The following shall be Compensation Events: <ul style="list-style-type: none"> <li>(a) the Employer does not give access to the Site or part of the Site by the Site Possession Date stated in the SCC; and</li> <li>(b) if the payment is delayed pursuant to Clause 25.1.</li> </ul>
	21.2	If a Compensation Event would prevent the work being completed before the Intended Completion Date, the Intended Completion Date shall be extended, as appropriate, by the Engineer.
22. Non-Scheduled Items of Works	22.1	The Contractor shall be paid for non-scheduled items of works only when the Engineer approves such works and at the rates and in the manner stated in the SCC.
23. Schedule of Works	23.1	The Schedule of Works will contain rates for all items for the construction including temporary works, installation, testing, and commissioning work to be done by the Contractor.
	23.2	The Contractor shall be paid for the quantity of the work done at the rate in the Contract Agreement for each item.
	23.3	The Contractor shall be entirely responsible for all taxes, duties, license fees, and other such levies imposed outside and inside Bhutan.
24. Payment Certificates	24.1	The Contractor shall submit to the Engineer monthly statements of the estimated value of the work executed less the cumulative amount certified previously. The Engineer shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.

- 24.2 The value of work executed shall be determined by the Engineer.
- 24.3 The value of work executed shall comprise the value of the quantities of the items in the Schedule of Works completed.
- 24.4 The value of work executed shall include the valuation of Variations, Certified Dayworks and Compensation Events.
- 24.5 The Engineer may exclude any item certified in previous certificates or reduce the proportion of any item previously certified in any certificate in the light of later information.
25. Payments and Currency
- 25.1 The Employer shall pay the Contractor the amounts certified by the Engineer within thirty (30) days of the date of each certificate.
- 25.2 The Employer shall make Advance Payment (mobilization and secured advance) to the Contractor of the amounts and by the dates stated in the SCC against provision by the Contractor of an unconditional Bank Guarantee, (Form 4).
- 25.3 The Contractor is to use the advance payment only to pay for Equipment, Plant, Materials, and mobilisation expenses required specifically for the execution of the Contract. The Contractor shall demonstrate that the advance payment has been used in this way by submitting copies of invoices or other documents to the Employer.
- 25.4 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. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, variations, claims or any amount payable due to failure to complete the works.
26. Retention
- 26.1 The Employer shall retain from each payment due to the Contractor the proportion stated in the SCC until the completion of the whole of the Works.
- 26.2 On completion of the whole of the Works, half the total amount retained shall be repaid to the Contractor, the remaining half when the Defects Liability Period has passed and the Engineer has certified that all Defects notified by the Engineer to the Contractor before the end of this period have been corrected.
27. Liquidated Damages
- 27.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the SCC for each day that the Completion Date is later than the Intended Completion date for the works or for any part thereof.
28. Performance Security
- 28.1 Upon Notification of Award, a Performance Security shall be provided to the Employer in the amount and form stated in the Contract Forms (Form 3). The Performance Security shall be valid until a date thirty (30) days from the date of issue of the Certificate of Completion.
29. Price Adjustment
- 29.1 The rates and prices in the bill of quantities are fixed for the duration of the Contract and not subject to price adjustment during the performance of the Contract.
30. Completion
- 30.1 The Contractor shall request the Engineer to issue a Certificate of Completion of the Works, and the Engineer will do so upon deciding that the work is substantially completed.

31. Correction of Defects
- 31.1 The Engineer 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 the Defects remain to be corrected.
- 31.2 If the Contractor has not corrected a Defect within the time specified in the Engineer's notice, the Engineer will assess the cost of having the Defect corrected, and the Contractor will pay this amount.
32. Taking Over
- 32.1 The Employer shall take over the Site and the Works within seven (7) days of the Engineer issuing a Certificate of Completion.
33. Final Account
- 33.1 The Contractor shall supply the Engineer a detailed account of the total amount that the Contractor considers payable under the Contract. The Engineer shall certify any final payment that is due to the Contractor within twenty-one (21) days of receiving the Contractor's account if it is correct and complete.
- 33.2 The Employer shall effect payment of the final account within thirty (30) days from the date of certification by the Engineer.
34. Termination
- 34.1 The Employer or the Contractor by giving thirty (30) days written notice of default to the other party, may terminate the Contract in whole or in part if the other party causes a fundamental breach of Contract.
- 34.2 Fundamental breaches of the Contract shall include, but shall not be limited to, the following:
- (a) the Contractor stops work for more than thirty (30) days when no stoppage of work is shown on the current Programme and the stoppage has not been authorised by the Engineer;
  - (b) the Engineer 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 Engineer;
  - (c) 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;
  - (d) the Contractor, in the judgment of the Employer, has engaged in corrupt or fraudulent practices, as defined in GCC Clause 3, in competing for or in executing the Contract; and
  - (e) a payment certified by the Engineer is not paid to the Contractor by the Employer within sixty (60) days of the date of the Engineer's certificate.
- 34.3 The Employer and the Contractor may at any time terminate the Contract by giving notice to the other party if either of the parties becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to any party provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue to the other party.
- 34.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.
- 34.5 If the Contract is terminated, the Contractor is to stop work immediately, make the Site safe and secure and hand over the Site

to the Employer as soon as reasonably possible.

35. Payment upon Termination
- 35.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done and Plant 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 the work not completed, as indicated in the SCC.. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be a debt payable to the Employer.
- 35.2 If the Contract is terminated for the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Contractor shall be entitled to payments for completed works and the materials that have been brought to the site for the purpose of the works, but not used as certified by the Engineer after adjusting any payments received by the Contractor.
36. Release from Performance
- 36.1 If the Contract is frustrated by the outbreak of war or by any other event entirely outside the control of either the Employer or the Contractor, the Engineer 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. The Contractor shall be paid for all works carried out before stoppage of work and any work carried out afterwards to which a commitment was made.
37. Force Majeure
- 37.1 For the purposes of this Contract, "Force Majeure" means an exceptional event or circumstance:
- (a) which is beyond a Party's control,
  - (b) which such Party could not reasonably have provided against before entering into the Contract,
  - (c) which, having arisen, such Party could not reasonably have avoided or overcome, and
  - (d) which is not substantially attributable to the other Party.
- 37.2 Force Majeure may include, but is not limited to, exceptional events or circumstances of the kind listed below, so long as conditions (a) to (d) above are satisfied:
- (a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies,
  - (b) rebellion, terrorism, sabotage by persons other than the Contractor's Personnel, revolution, insurrection, military or usurped power, or civil war,
  - (c) riot, commotion, disorder, strike or lockout by persons other than the Contractor's Personnel,
  - (d) munitions of war, explosive materials, ionizing radiation or contamination by radio-activity, except as may be attributable to the Contractor's use of such munitions, explosives, radiation or radio-activity, and
  - (e) natural catastrophes such as earthquake, hurricane, typhoon or volcanic activity.
- 37.3 However, force majeure shall not include the following;
- i. rainfall

ii. snowfall

iii. strikes in other countries

iv. non-availability of labourer and materials such as timbers, boulders, sand, and other materials

v. difficulty and risky terrain and remoteness of site.

38. Settlement of Disputes
- 38.1 The Employer and the Contractor shall use their best efforts to settle amicably all disputes arising out of or in connection with this Contract or its interpretation.
- 38.2 Any dispute between the parties to the Contract that may not be settled amicably will be referred to Arbitration at the initiative of either of the parties.
- 38.3 The Arbitration shall be conducted in accordance with the Arbitration Rules of the Kingdom of Bhutan in force.

<b>Section 6. Special Conditions of Contract</b>	
<b>Clause Ref</b>	<b>Amendments of, and Supplements to, Clauses in the General Conditions of Contract</b>
<b>GCC 1.1(d)</b>	The Contractor is
<b>GCC 1.1(i)</b>	The Employer is <i>Director, Department of Air Transport</i>
<b>GCC 1.1(j)</b>	The Engineer is <i>Jamyang T Dorji, Airport Development Division, DoAT</i>
<b>GCC 1.1(k)</b>	The Intended Completion Date for the whole of the Works shall be <i>2 months after site handing over</i>
<b>GCC 1.1(l)</b>	The Site is located at <i>Paro International Airport</i>
<b>GCC 1.1(m)</b>	The Works are <i>as per Bill of Quantities</i>
<b>GCC 2.2(i)</b>	The additional documents forming part of this Contract are: <i>"No additional documents".</i>
<b>GCC 4.1</b>	The Language governing the Contract shall be <i>English</i>
<b>GCC 5.1</b>	The Engineer shall obtain specific approval of the Employer before taking any of the following actions:
<b>GCC 7.1</b>	The addresses for Communications shall be: <u>For the Employer:</u> <i>Director Department of Air Transport Ministry of Information and Communications</i>  <u>For the Contractor:</u>
<b>GCC 9.1</b>	The Key Personnel of the Contractor are: <i>NA</i>
<b>GCC 15.1</b>	For insurance purposes the type of cover required shall be: The contractor shall be responsible for the insurance
<b>GCC 16.1</b>	Possession of the site shall be within [7] days from the date of signing of the Contract.
<b>GCC 17.1</b>	Commencement of work shall be within [7] days from the date of handing over possession of the Site.
<b>GCC 18.1</b>	Completion of works shall be within <b>[60]</b> days from the date of commencing the works on the site.
<b>GCC 19.1 &amp; 19.2</b>	The Contractor shall submit the first workplan [7] days after signing the Contract, and shall update the workplan every month during the period of the Contract.

<b>GCC 22.1</b>	<i>"The rates for non-scheduled items of works shall be determined by the Engineer".</i>
<b>GCC 25.2</b>	An advance payment of [10] % of the Contract Price will be made to the Contractor within (14) days of Contract signing date.
<b>GCC 26.1</b>	The Retention shall be [10] % of the Contract Price.
<b>GCC 27.1</b>	The liquidated damages for the whole of the Works are [0.1 percent of the initial Contract Price] per day. The maximum amount of liquidated damages for the whole of the Works is [10] percent of the initial Contract Price.
<b>GCC 31.1</b>	The Defects Liability Period shall be [ 1 year ]
<b>GCC 35.1</b>	The percentage to apply to the value of the work not completed, representing the Employer's additional cost for completing the Works, is 20 percent of the value of work not completed up to a maximum of 10% of the initial contract price



## Section 7 – Contract Forms

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.

### **Contract Forms**

Form	Title
Form -1	Notification of Award
Form -2	Contract Agreement
Form -3	Bank Guarantee for Performance Security
Form -4	Bank Guarantee for Advance Payment

## **Notification of Award**

Contract No:

Date:

To:

*[name and address of Contractor]*

This is to notify you that your Bid dated *[insert date]* for the execution of the Works for *[name of project / Contract]* for the Contract Price of Nu *[amount in figures and in words]*, as corrected and modified in accordance with the Instructions to bidder is hereby accepted by *[name of the Employer]*.

You are requested to proceed with the execution of the Works on the basis that this Notification of Award shall constitute the formation of a Contract, which shall become binding upon you furnishing a Performance Security within fourteen (14) days, in accordance with ITB Clause 32, and the signing the Contract Agreement within twenty-one (21) days, in accordance with ITB Clause 33.

We attach the Contract Agreement and Special Conditions of Contract for your perusal and signature.

Signed

Duly authorised to sign for and on behalf of  
*[name of Procuring Entity]*

Date:

## Contract Agreement

THIS AGREEMENT, made the [day] of [month] [year] between [name and address of Employer] (hereinafter called "the Employer") of the one part and [name and address of Contractor] (hereinafter called "the Contractor") of the other part.

WHEREAS, the Employer invited Tenders for certain Works, viz, [brief description of the Works] and has accepted a Tender by the Contractor for the execution of those works in the sum of Ngultrum [insert amount in figures and words], hereinafter called "the Contract Price.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of Contract hereinafter referred to.
2. The documents forming the Contract shall be interpreted in the following order of priority:
  - (a) The signed Contract Agreement;
  - (b) The letter of Acceptance;
  - (c) The completed Bid form as submitted by the Bidder;
  - (d) The Special Conditions of Contract;
  - (e) The General Conditions of Contract;
  - (f) Specifications
  - (g) The Drawings; and
  - (h) Any other document listed in the SCC as forming part of the Contract..
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and to remedy any defects therein in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and 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 Agreement to be executed in accordance with the laws of Bhutan on the day month and year first before written.**

For the Employer

For the Contractor

Signature

Print Name

Title

In the presence of  
(Name)

Address

## Bank Guarantee for Performance Security

*[this is the format for the Performance Security to be issued by any financial institute in Bhutan in accordance with ITB Clause 35]*

Contract No:

Date:

To:

[Name and address of Employer]

### PERFORMANCE GUARANTEE No:

We have been informed that *[name of Contractor]* (hereinafter called “the Contractor”) has undertaken, pursuant to Contract No *[reference number of Contract]* dated *[date of Contract]* (hereinafter called “the Contract”), the execution of works *[description of works]* under the Contract.

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

At the request of the Contractor, we *[name of bank]* hereby irrevocably undertake to pay you, without cavil or argument, any sum or sums not exceeding in total an amount of Nu *[insert amount in figures and in words]* upon receipt by us of your first written demand accompanied by a written statement that the Contractor is in breach of its obligation(s) under the Contract conditions, without you needing to prove or show grounds or reasons for your demand of the sum specified therein.

This guarantee is valid until *[date of validity of guarantee]*, consequently, we must receive at the above-mentioned office any demand for payment under this guarantee on or before that date.

Signature

Signature

## Bank Guarantee for mobilisation advance

*[this is the format for the Advance Payment Guarantee to be issued by a financial institutions in Bhutan in their letter pad in accordance with SCC Clause 25.2]*

Contract No:

Date:

To:

[Name and address of Employer]

### ADVANCE PAYMENT GUARANTEE No:

We have been informed that *[name of Contractor]* (hereinafter called "the Contractor") has undertaken, pursuant to Contract No *[reference number of Contract]* dated *[date of Contract]* (hereinafter called "the Contract"), the execution of works *[description of works]* under the Contract.

Furthermore, we understand that, according to your conditions, Advance Payments must be supported by a bank guarantee.

At the request of the Contractor, we *[name of bank]* hereby irrevocably undertake to pay you, without cavil or argument, any sum or sums not exceeding in total an amount of Nu. *[insert amount in figures and in words]* upon receipt by us of your first written demand accompanied by a written statement that the Contractor is in breach of its obligation(s) under the Contract conditions, without you needing to prove or show grounds or reasons for your demand of the sum specified therein.

We further agree that no change, addition or other modification of the terms of the Contract to be performed, or of any of the Contract documents which may be made between the Employer and the Contractor, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee is valid until *[date of validity of guarantee]*, consequently, we must receive at the above-mentioned office any demand for payment under this guarantee on or before that date.

Signature

Signature

## Section 8 Bill of Quantities (BoQ)

### 8.1 Construction of security outpost

BSR Code	Description	Quantity	Unit	Rate	Amount
<b>1. Earth work</b>					
EW0105	Excavation in foundation trenches or drains, width <1.5m, area <10Sq.M. in plan, depth >300mm including Dressing and ramming, dewatering disposal of surplus soil in the designated area: All kinds of soil				
		19.52	Cum		
EW0195	Filling of trenches, sides of foundations, areas to be raised etc. including compaction in layers < 200mm using selected excavated earth within lead 50m & lift 1.5m.				
		9.83	Cum		
EW0196	Providing & laying sand bedding, including watering, ramming, dressing				
		2.31	Cum		
<b>2. Damp Proof Course</b>					
DP0022	Providing and laying moisture barrier using plastic sheeting underlay - 200 micro-metre				
		30.80	Sq.m		
<b>3. Stone Work:</b>					
SM0072	Providing and laying dry hand packed stone soling/course aggregate filling with hard stone				
		6.82	Cum		
SM0005	Random Rubble Masonry with hard stone in CM 1:4 in foundation and plinth				
		8.54	Cum		
<b>4. Concrete work</b>					
CW0005	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level: 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size)				
		4.54	Cum		
<b>5. RCC work</b>					
RC0002	Providing and laying RCC 1:1.5:3, 20mm aggregate excluding form work and reinforcement in foundation for footings and beams up to plinth				
		1.10	Cum		

RC0018	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 (1:1.5:3)				
		1.78	Cum		
<b>6. Steel reinforcement</b>					
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				
		368.94	Kg		
<b>7. Form work</b>					
RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork :Foundation and plinth				
		7.32	Sq.m		
RC0092	Providing & fixing centering and shuttering (formwork),including strutting, propping etc. and removal of formwork:Lintels, beams, girders, bresummers, cantilevers etc.				
		13.75	Sq.m		
<b>8. Brick work</b>					
BW0002	Providing & laying Second-Class Brick work in CM 1:4,250mm thick, all floor level				
		12.26	Cum		
BW0021	Providing & laying Second-Class Half-brick Masonry (125mm) in superstructure below floor 2 level: In CM 1:4				
		8.46	Sqm		
<b>9. Wood Work:</b>					
WW0030	Providing and fixing eaves board (225x25mm) in mixed conifer as per design with moulding, fitted and fixed with necessary nuts and bolts with a priming coat				
		38.00	Mtr		
WW0060	Providing & fixing roof framing, in trusses, purlins, rafters, posts, post plates including hoisting, applying of wood preservatives and insect preventive coat, etc. (excluding steel items): Mixed Conifer				
		2.34	cum		
<b>10. Doors &amp; Windows</b>					

AR	Providing & fixing in position doors and windows in dressed wood work frames with panelled door shutter and glazed Shutters for windows including all accessories etc. complete. The rate should be inclusive of one coat of priming and two coats of painting as per the supervising engineers instruction in MC				
	Main door	1	No		
	Toilet door	2	No		
	W	2	No		
	W1	1	No		
	V	1	No		
	v	2	No		
<b>12. Roofing:</b>					
RF0003	Providing & fixing Pre Painted Galvanised Steel Corrugated Roofing sheets, including bolts, hooks and nuts 8mm dia. with bitumen and G.I limpet washers filled with white lead for connection, excluding the cost of purlins, rafter and trusses. 25g (0.50mm)				
		80.66	Sq.m		
RF0007	Providing & fixing 600mm ridges or hips in Pre Painted Galvanised Steel sheets, including bolts, hooks & nuts 8mm dia G.I limpet and bitumen washers for connection. 25g (0.50mm)				
		23.60	m		
<b>13. Traditional Cornices:</b>					
RC0030	Bhutan type Traditional Cornices in R.C.C 1:1.5:3, 20 mm aggregate including cost of formwork including finishing with 6mm thick plaster on the exposed surface with cement mortar 1:3, excluding reinforcement & decorative painting cost as per standard design (Measurement to be taken along the cornice and wall junction): Single Storied building, including Phana				
		10.00	m		
RC0034	RCC Cornices in 1:1.5:3, 20 mm agg. incl. f/work, finish with 6mm thk plaster on exp. surface with CM 1:3, excl. reinf.& decorative painting cost as per std. dgn.(Meas. to be along the cornice & wall junction) :Lintel Cornice (only cornice portion at external face)				
		12.00	m		
<b>14. Flooring and tiling works</b>					



FL0051	Pal cement concrete flooring 1:2:4, finished with floating coat of neat cement: 20mm aggregates, 40mm thick				
		30.80	Sq.m		
FL0130	Providing & laying Cement plaster skirting < 300mm height with cement mortar 1:3 with a floating coat of neat cement including rounding off junctions with floor: 20mm				
		18.90	Sqm		
<b>15. Ceiling work</b>					
WW0132	Providing & fixing Plywood lining with necessary nails etc.including beading complete including cost of frame: 6 mm, commercial				
		30.80	Sq.m		
<b>16. Finishing</b>					
PL0041	Providing and laying cement plaster , 20 mm thick in CM 1:4				
		113.30	Sq.m		
PT0010	Providing & applying one coat of primers: Cement primer	113.30	Sq.m		
PT0030	Finishing wall with water proof cement paint--new work three coats	113.30	Sq.m		
PT0012 + PT0047	Providing and applying synthetic enamel paint for woodworks including one coat of pink primer - new work 2 coats. On eaves board and ceiling				
		49.80	Sq.m		
AR	Providing, preparing and applying Sumdang washable traditional painting on relevant structure for the entire building--Ding	1.00	LS		
<b>17. External Works</b>					
DR0001	Providing and laying 50mm thick Plinth Protection and grouted with fine sand mix including well rammed,finishing the top smooth With cement concrete 1:3:6, 20mm aggregates, laid over 75mm thick layer of compacted gravel (40mm)				
		42.00	Sq.m		
DR0011	Constructing second class brick masonry open surface drain in cement mortar 1:4 including earth work in excavation 100mm thick concrete bed 1:5:10, 40mm aggregate and 25mm thick cement concrete 1:2:4, 12mm aggregate for filling haunches 12mm cement plaster as per drawing 150X200 DEPTH				
		45.00	m		

<b>18. PLUMBING</b>					
PI0050	Providing & fixing European-type vitreous china w.c pedestal including seat and lid with c.p brass hinges, 15 lit white low level cistren, including all fittings, brackets, repair walls: white with plastic seat & lid	1	No		
PI0087	Providing & fixing white vitreous china wash basin,including C.I brackets, 15mm C.P. brass pillar taps, c.p. chain & rubber plug, 32mm pvc waste, 32mm dia. trap & union, repair walls : Flat back wash basin 550x400mm with single 15mm c.p. brass pillar tap	1	No		
PI0208	Providing fixing long body CP brass bib cock 15mm with flange	1	No		
PI0250	Providing & fixing 600x450mm bevelled edge mirror (superior glass) incl.4mm A.C sheet base fixed to wooden cleats	1	No		
PI0253	Providing & fixing C.P 600x20 towel rail including brackets & wooden cleats	1	No		
PI0260	Providing & fixing toilet paper holder	1	No		
PI0001	P&f GI Pipes incl.GI fittings.clamps & repair walls-15mm dia	12	Mtr		
PI0123	Providing & fixing Kitchen Sinks including all connections and fittings: Stainless steel, 940 x 460 x 160 mm, single bowl & drain-board	1	No		
PI0175	Providing & fixing C.P. Brass shower fittings: Shower with revolving joint, 15mm,	1	No		
PI0222	Providing & fixing c.p. brass mixers, 15mm For wall, non-telephonic type	1	No		
PI0275	Providing & fixing CP brass soap dish including brackets,wooden cleats, c.p. brass screws	1	No		
PI0189	Providing & fixing brass stop cock: 15mm angle, c.p knob	4	No		
PI0033	Providing & fixing plastic tank including all accessories complete: 2000 litre	1	No		
EW0135	Hand excavation and refilling in layers < 200mm, of trenches for pipes & sockets, cables, including dressing of sides/ ramming of bottom, depth upto 600 mm, disposal of surplus material in designated area: All kinds of soil	40.00	Mtr		
PO0016	Providing & laying H.D.P.E pipes, 10 PN, including GI fittings (excluding trenching, refilling & thrust block): 32mm	40.00	Mtr		
PI0163	Providing & fixing Electric water heater including necessary fittings: 35 litres	1	No		

<b>19. Sewerage works</b>					
PO0370	Providing & laying PVC waste pipes, single or double socketed in floors, (excluding the cost of PVC fittings) -75mm dia	6.00	Mtr		
PO0372	Providing & laying PVC soil and vent pipes, single or double socketed including pipe clip and repair walls complete (excluding the cost of PVC fittings) -110mm dia	12.00	Mtr		
PO0565	Providing and fixing PVC Nahni / Multi Floor trap 100x75mm (one , two or three way)	2	No		
PO0407	Providing & fixing pvc plain bend - 110mm dia	3	No		
PO0405	Providing & fixing pvc plain bend - 75mm dia	3	No		
PO0417	Providing & fixing P.V.C door bend - 110mm dia	1	No		
PO0415	Providing & fixing P.V.C door bend - 75mm dia	2	No		
PO0611	Constructing Septic Tanks, in R.R Masonry in cement mortar 1:6, including fittings, C.I cover with frame, 40mm thick concrete flooring (40mm aggregates) cement plaster concrete base in C.C 1:4:8 etc. complete as per standard design: 25 users	1	No		
PO0600	Constructing Soak Pit: Size 1200x1200x1200mm, filled with brick bats including 100mm SW drain pipe X 1200mm long	1	No		
<b>20. Footpath and tank stand</b>					
EW0020	Earth work in surface excavation, depth <300mm, width >1.5m, area >10 Sq.m in plan, including disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed: Ordinary Soil <b>Depth 250mm</b>				
		31	sqm		
SM0072	Providing and laying dry hand packed stone soling/course aggregate filling with hard stone				
		4.65	Cum		
CW0005	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level: 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size)				
		3.10	Cum		
			<b>Total Civil</b>		

SL.NO	BSR CODE	DESCRIPTION	TOTAL QTY.	UNIT	RATE	AMOUNT
<b>A</b>		<b>WIRING AND ACCESSORIES</b>				
1		Wiring for light point with 1.1kv grade, PVC insulated multi-stranded Copper conductor cable in PVC Casing Capping including supply and fixing of casing capping, tees, corners, bends, elbows etc. complete including testing, commissioning, painting etc. as required.				
1.1	WP0049	2x1.5 sq.mm	200.00	m		
2		Wiring for power circuit with 1.1kV grade, PVC insulated copper conductor cable in PVC casing & capping including connections, painting, testing & commissioning etc. as required				
2.1	WP0200	2x4 sq.mm	250.00	m		
3		Wiring for lighting circuit with 1.1 kv grade, PVC insulated copper conductor cable in recessed HDPE pipe including connections, painting, testing and commissioning etc. as required.				
2.1	WC0391	2 x 2.5 sq mm	90.00	m		
4		Supplying of 2-Core 1.1KV grade PVC insulated, armoured aluminium conductor armoured power cables, made of up Havells or equivalent.				
4.1	PC0023	10 sq.mm	20.00	m		
<b>TOTAL-A</b>						
<b>B</b>	<b>Ordering Code</b>	<b>LIGHTING FIXTURE AND ACCESSORIES</b>				
1	LHEWEBP 5IN1W020	<b>Linear DLX LED Light</b> Supply of 20Wdecorative environmental friendly energy efficient ready to use ultra slim linear LED lighting fixture with extruded aluminium heat sink including tube to provide excellent light (LXWXH), 1156±1, 25±1, 35±1. Made of Havells or equivalent.	4.00	nos		
<b>TOTAL-B</b>						
<b>C</b>	<b>BSR CODE</b>	<b>SWITCHES AND SOCKETS</b>				
1		Supplying & fixing of 6A switch on existing PVC/metal / moulded tough surface box (recessed or surface) including necessary cutting, connection testing etc. as required.				
1.1	SS0060	6A switch SP 1-way	4.00	Each		
2		Supplying & fixing of switch/socket on PVC box on surface, including necessary cutting, connection testing etc. as required.				
2.1	SS0220	5/6 pin, 6/16A switch/socket combined, shuttered	6.00	each		

3		Supplying & fixing of PVC boxes for switch/socket outlet/switch socket combined/gang switches on surface including painting etc as required				
3.1	BX0020	1 Module	2.00	each		
3.2	BX0021	2 Module	1.00	each		
3.2	BX0022	3 Module	6.00	each		
<b>TOTAL-C</b>						
<b>D</b>	<b>BSR CODE</b>	<b>CONTROL GEARS AND BUSBARS (SPPLY)</b>				
4		Supply of SPN distribution board (DIN type) with metal door, 230 volt A.C complete with all accessories without MCB/isolator/RCCB out going or incoming etc. as required.				
4.1	GB0523	8-ways	1.00	Each		
5		Supplying of miniature circuit breaker (MCB) single pole. 230 volt AC complete with all accessories suitable to fix on a din-bar etc. as required.				
5.1	GB0270	6A	1.00	Each		
5.2	GB0272	16A	6.00	Each		
6		Supply of miniature circuit breaker (MCB) SPN, 230 volt A.C complete with all accessories suitable to fix on a din-baretc. as required.				
6.1	GB0297	63A	1.00	Each		
<b>TOTAL-D</b>						
<b>E</b>	<b>BSR CODE</b>	<b>ERECTION AND INSTALLATION</b>				
1		Installation testing and commissioning of pre wired LED/Fluorescent/CFL fittings of all surface type complete with all accessories and tubes directly on ceiling/wall as required including connection with PVC insulated copper conductor.				
1.1	EI0041	1.5 sq mm single core cable 1.1 KV grade	4.00	each		
2		Installation, testing and commissioning of SPN/DP miniature circuit breaker DIN type complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc as required.				
2.1	EI0400	63A	1.00	each		
3		Installation, testing and commissioning of SPN/DP miniature circuit breaker DIN type complete with all accessories to accommodate on/in prefabricated MS surface /MS cubical control panel board including drilling holes, connections etc. as required.				
3.1	EI0380	6/10/16/20A	7.00	each		

4		Installation, testing and commissioning of SPN DB (DIN type, horizontal/vertical) with no door, metal door or arcylic door (double/single door) complete with all accessories to accommodate incoming MCB DP 63A sensitivity 30/100/300mA and outgoing SP MCB 6/10/16A on/in prefabricated MS surface panel board including drilling holes, connections etc. as required.				
4.1	EI0545	8 way	1.00	each		
5		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 cushion, protective covering and refilling the trenches etc. as required.				
5.1	CL0002	Upto 6sq.mm	20.00	m		
<b>TOTAL-E</b>						
<b>F</b>	<b>BSR CODE</b>	<b>EARTHING AND LIGHTNING PROTECTION</b>				
1		Providing and fixing of earthing including all accessories, machinery enclosure, C.I cover plate having locking arrangement, watering pipe with excavation and refilling work including charcoal or coke and salt complete as required as per standard earthing drawing				
1.1	ET0001	With copper earth plate 600x600x3mm	1.00	Each		
2		Providing and laying earth connection from earth electrodes in 15mm dia G.I pipe from earth electrodes as required.				
2.1	ET0015	With 4.06mm dia (8SWG) G.I wire	15.00	M		
3		Providing and fixing of wire on surface or in recessed for loop earthing as required.				
3.1	ET0030	With 4.06mm dia (8SWG) G.I. wire	15.00	M		
4		Providing and laying of wire at 0.5m below ground level for conductor earth electrodes including soldering etc. as required.				
4.1	ET0045	With 4.06mm dia (8SWG) G.I. wire	10.00	M		
5		Providing and drawing wire for loop earthing in existing surface/ recessed PVC/MS/ steel conduit or casing capping or wooden batten along with other wires as required.				
5.1	ET0121	2.032mm (14SWG) copper wire	100.00	M		
<b>TOTAL-F</b>						
<b>TOTAL Electrical =(A+B+C+D+E+F)</b>						
<b>TOTAL Civil</b>						
<b>Grand Total for security restroom</b>						

## 8.2 Bill board

BSR Code	Particular	Qty	Unit	Rate	Amount
<b>Foundation</b>					
EW0105	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				
		27.10	cum		
SM0072	Providing and laying Hand packed stone filling or soling with stones				
		4.85	cum		
CW0008	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level: 1:4:8 (1 cement : 4 sand : 8 graded crushed rock 40 mm nominal size)				
		0.92	cum		
EW0195	Filling of trenches, sides of foundations etc. in layers <200mm using selected excavated earth, ramming etc. within lead 50 m & lift 1.5m				
		8.13	cum		
RC0002	Providing & laying in position reinforced cement concrete excluding the cost of centering, shuttering and reinforcement - all work upto plinth level: 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size)				
		4.85	cum		
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				
		1499.01	kg		
RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork: Foundation and plinth etc				
		32.31	sqm		
SM0005	Providing & laying Random Rubble Masonry with hard stone in foundation & plinth in CM 1:4				
		3.13	cum		
<b>Superstructure</b>					

RC0010	Providing & laying in position reinforced cement concrete work in plinth and skirting courses, fillets, columns , pillars, posts and struts upto floor five level excluding the cost of centering, shuttering and reinforcement. 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size)				
		3.36	cum		
RC0018	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 1:1.5:3 (1 cement : 1.5 sand : 3 graded crushed rock 20 mm nominal size)				
		5.65	cum		
	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork				
RC0093	Column				
		29.64	sqm		
RC0092	Beam	45.90	sqm		
SW0080	Providing & fixing M.S. round hold-down bolts with nuts and washer plates				
		20.00	kg		
SM0026 + SM0036 + SM0039	Providing & laying Coursed Rubble Masonry with hard stone hammer-dressed + Extra for C.R. masonry with hard stone in superstructure above plinth, below & including floor 2 level + Extra for C.R masonry with hard stone chisel dressed in superstructure above plinth, below & including floor 2 level <b>Sample available in Paro Airport</b>				
		6.53	cum		
<b>Roofing works</b>					
WW0060	Providing & fixing roof framing, in trusses, purlins, rafters, posts, post plates including hoisting, etc. MC				
		1.02	cum		
RF0001	Providing & fixing Corrugated Galvanised Iron (CGI) sheeting, including bolts, hooks and nuts 8mm dia. with bitumen and G.I limpet washers filled with white lead for connection, excluding the cost of purlins, rafter and trusses: 24G				
		24.73	sqm		
RF0005	Providing & fixing 600mm ridges or hips in plain G.I. including bolts, hooks and nuts 8mm dia G.I limpet and bitumen washers for connection				
		10.75	sqm		



RF0130	Providing & fixing shinglep roofing with shinglep of size 1350x125x12mm in 3 layers including tying, uplift protection complete				
		27.20	sqm		
WW0030	Providing & fixing Eaves board (225x25mm) with moulding fitted and fixed with necessary screws: Mixed Conifer				
		24	m		
MR	Providing & fixing 69mm thick dry wall of all height with 9mm thick everest wall HD board fixed on both sides of everest GI wall framing system in place everest internal dry wall system with 9mm thick HDWB single framing of wall upto height 3.3 m using .55mm thick everest steel GI rolled section frame work 51mm wall strut, wall tracts (floor & ceiling) section single layer of 9mm thick everest wall HD boards 2400mmx1200mm size on both side of wall framing. Cost of jointing, compound, paper tape and accessories complete as per the manufacturer's specification.				
		36	sqm		
<b>Finishing</b>					
PL0041	Providing & laying 20mm cement plaster (CM 1:4)				
		70.38	sqm		
PL0125	Providing & applying putty of thickness 2mm or more over plastered surface to prepare the surface even and smooth complete.				
		70.38	sqm		
LS	Providing, preparing and applying Sumdang washable painting Rab. <b>Sample available in Paro Airport</b>				
		1.00	job		
MR	Manufacture, Supply, Delivery and Installation of GRC Cornice Profile: Phana, Pha-Khep, Single Bho, Pem and Dung as per attached proposal drawing: O/a size 428 x 665mm				
		10.30	m		
MR	Manufacture, Supply, Delivery and Installation of GRC Cornice Profile: Choetse and Pem as per attached proposal drawing: O/a size 110 x 110mm				
		26.00	m		
		<b>Total for Bill board</b>			

**Note:** Although not mandatory, bidders are requested to visit the bill board already constructed in the airport for better understanding the scope of work.

### 8.3 Canopies

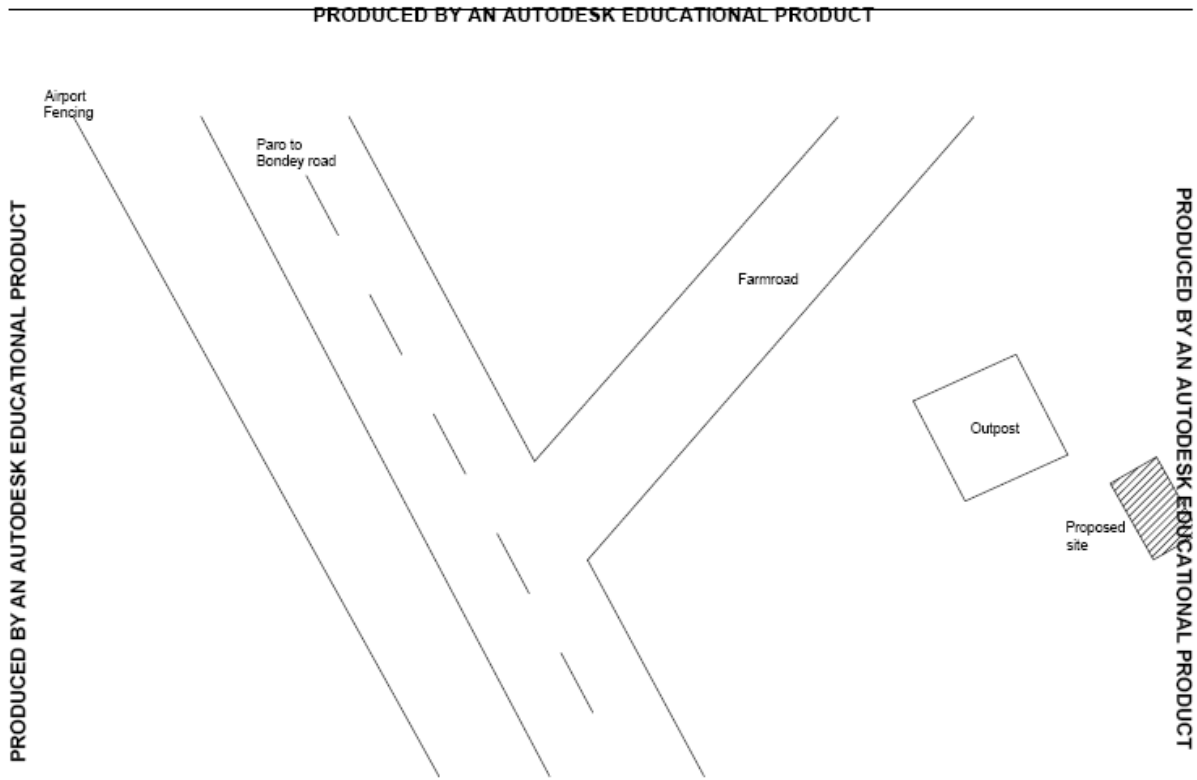
BSR Code	Description	Quantity	Unit	Rate	Amount
<b>1. Earth work</b>					
EW0105	Excavation in foundation trenches or drains, width <1.5m, area <10Sq.M. in plan, depth >300mm including Dressing and ramming, dewatering disposal of surplus soil in the designated area: All kinds of soil				
		0.20	cum		
EW0020	Earth work in surface excavation, depth <300mm, width >1.5m, area >10 Sq.m in plan, including disposal of excavated earth within 50m lead & 1.5m lift and disposed soil to be neatly dressed: Ordinary Soil <b>Depth 250mm</b>				
		2.88	sqm		
<b>2. Stone Work:</b>					
SM0072	Providing and laying dry hand packed stone soling/course aggregate filling with hard stone				
		0.54	Cum		
<b>3. Concrete work</b>					
CW0005	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level: 1:3:6 (1 cement : 3 sand : 6 graded crushed rock 20 mm nominal size)				
		0.04	Cum		
CW0003	Providing and laying in position plain cement concrete excluding the cost of centering and shuttering - All work upto plinth level. 1:2:4 (1 cement : 2 sand : 4 graded crushed rock 20 mm nominal size)				
		0.32	Cum		
<b>4. RCC work</b>					
RC0002	Providing and laying RCC 1:1.5:3, 20mm aggregate excluding form work and reinforcement in foundation for footings and beams up to plinth				
		0.08	Cum		
<b>5. Steel work</b>					

	Steel work riveted or bolted or welded, in built up sections, trusses, frame-works, including cutting, hoisting, fixing and appl. Priming coat of red lead paint				
SW0022	In R.S. joists				
		148.74	Kg		
SW0011	In Tees, angles, flats and channels				
		52.13	kg		
SW0080	Providing & fixing M.S. round hold-down bolts with nuts and washer plates				
		11.00	kg		
<b>6. Form work</b>					
RC0090	Providing & fixing centering and shuttering (formwork), including strutting, propping etc. and removal of formwork :Foundation and plinth				
		1.32	Sq.m		
<b>7. Roofing</b>					
RF0003	Providing & fixing Pre Painted Galvanised Steel Corrugated Roofing sheets, including bolts, hooks and nuts 8mm dia. with bitumen and G.I limpet washers filled with white lead for connection, excluding the cost of purlins, rafter and trusses. 25g (0.50mm)				
		2.55	Sq.m		
<b>8. Finishing</b>					
PT0047	Providing and applying finishing coats Synthetic enamel, for steel & wood work, two coats on new work				
		1.00	LS		
<b>Total for 1 canopy</b>					
<b>For 3 canopies</b>					

<b>Abstract</b>		
<b>Sl. No.</b>	<b>Activity</b>	<b>Total Amount in Nu.</b>
1	Security Rest room	
2	Bill board	
3	Steel canopy (3 nos)	
	<b>Grand Total</b>	

# Section 9. Drawings

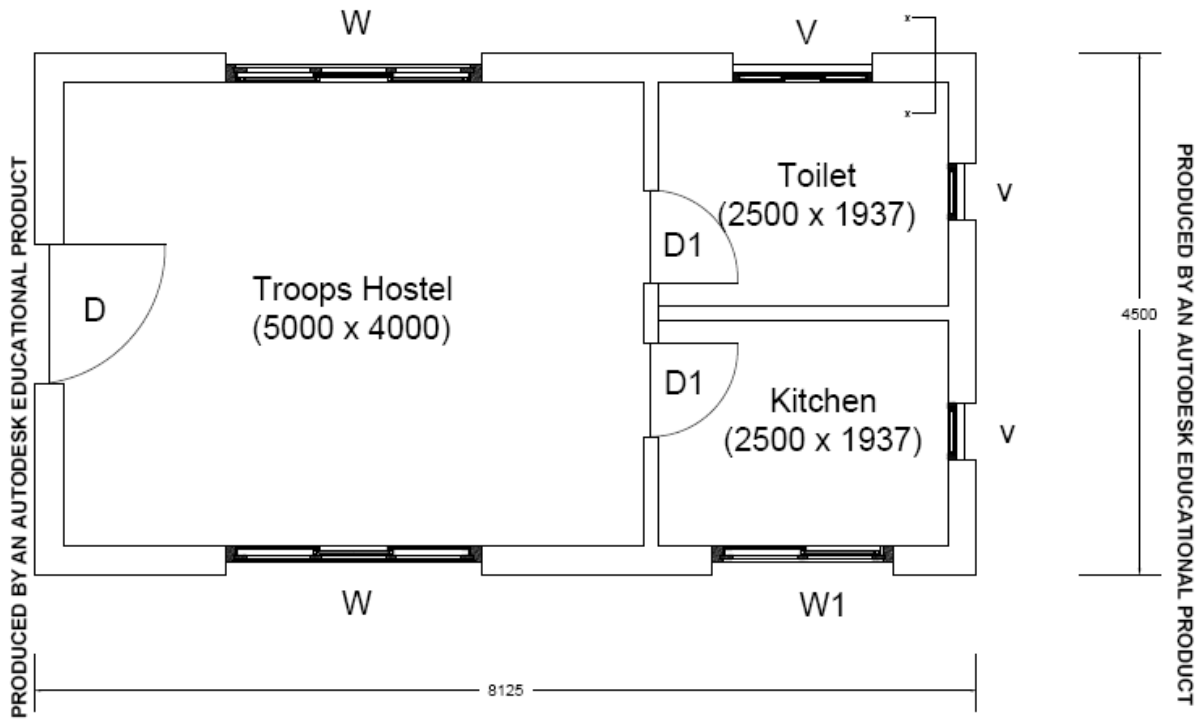
## 9.1 Security restroom



REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN	
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Site Plan		
			DRAWN BY:	ENGINEER:	CHECKED BY:	APPROVED BY:

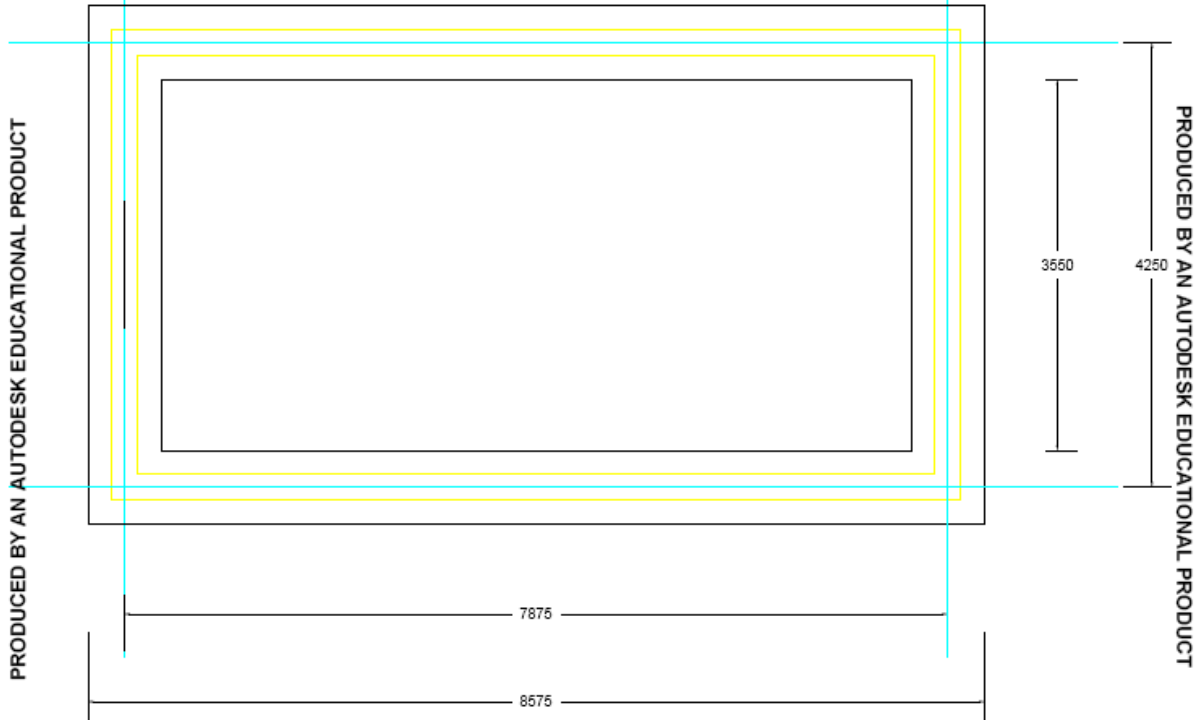
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REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN				
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Plan	 Department of Air Transport Ministry of Information & Communications				
			DRAWN BY:	ENGINEER:				CHECKED BY:	APPROVED BY:

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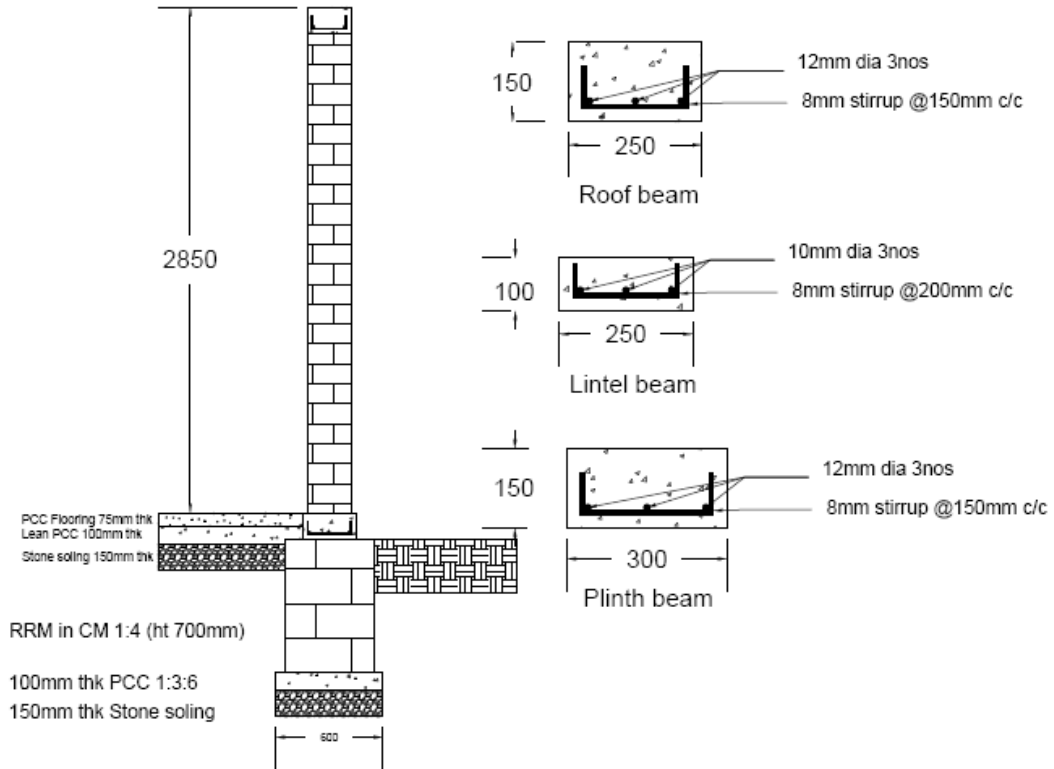
REV	DATE	NOTES	SCALE	NTS	PROJECT	ROYAL GOVERNMENT OF BRUTAN
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Foundation Plan		
			DRAWN BY:	ENGINEER	CHECKED BY:	APPROVED BY:



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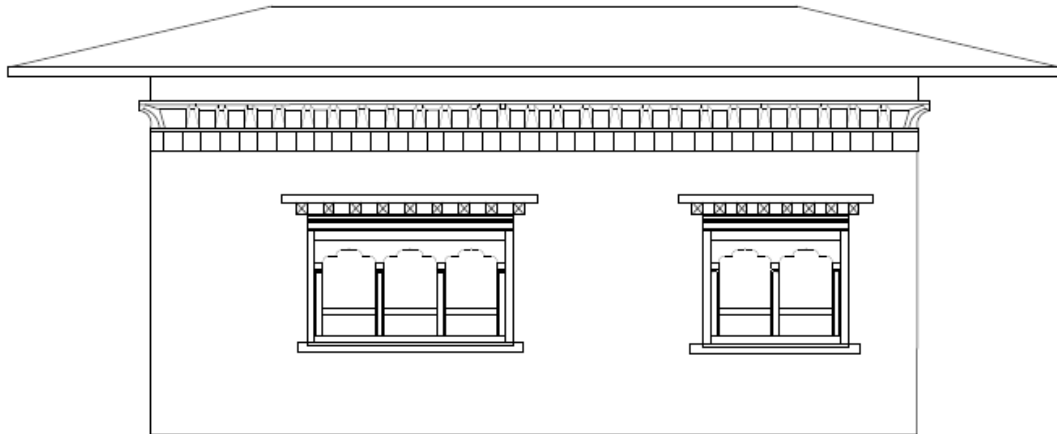


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REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BRUTAN		
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Section XX and beam details			
			DESIGNER:	CHECKED BY:	APPROVED BY:	Department of Air Transport Ministry of Information & Communications	

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REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN		
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Front view			
			DRAWN BY:	ENGINEER:	CHECKED BY:	APPROVED BY:	

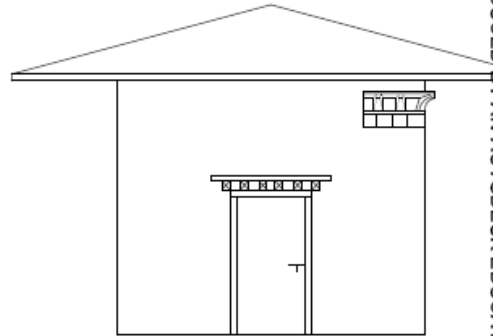
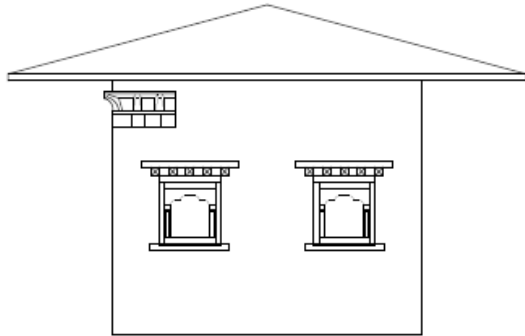


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ROYAL GOVERNMENT OF BHUTAN

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REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN		
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Side views			
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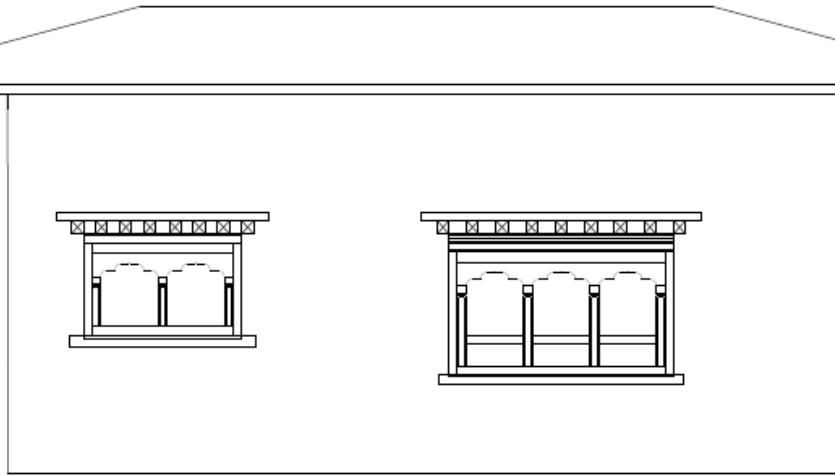



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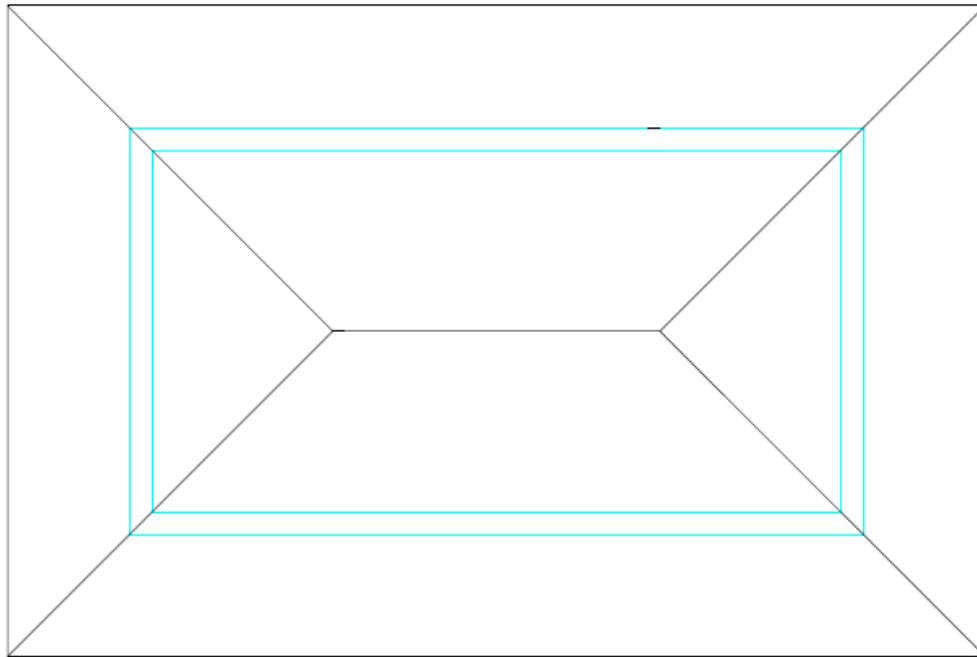
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REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Back view	 Department of Air Transport Ministry of Information & Communications
			DRAWN BY:	ENGINEER:	
				CHECKED BY:	
				APPROVED BY:	

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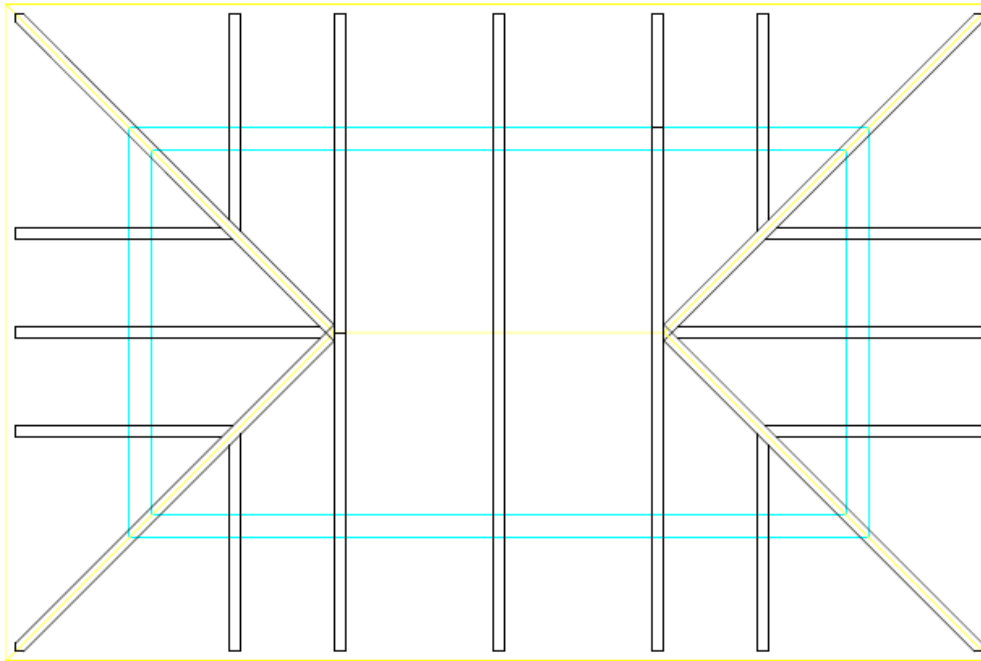


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REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN				
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Roofing plan	 Department of Air Transport Ministry of Information & Communications				
			DRAWN BY:	ENGINEER:				CHECKED BY:	APPROVED BY:

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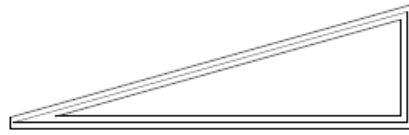
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REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Truss layout plan	 Department of Air Transport Ministry of Information & Communications
			DRAWN BY:	ENGINEER:	
			CHECKED BY:	APPROVED BY:	

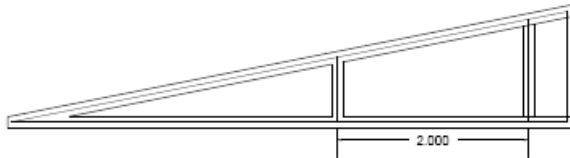
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Studded truss for span <math>2m</math>



Studded truss for span <math>2m</math>

TRUSS MEMBER SCHEDULE

MEMBER	SIZE
TOP CHORD	100x125
BOTTOM CHORD	100x125
TIES OR STRUTS	100x125
PURLINS	75x100

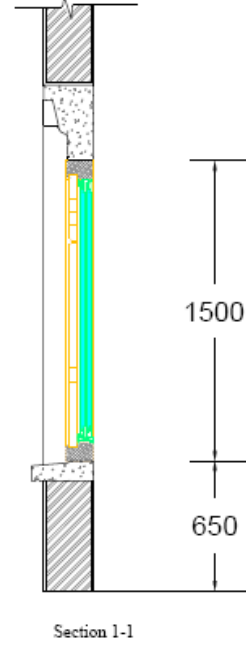
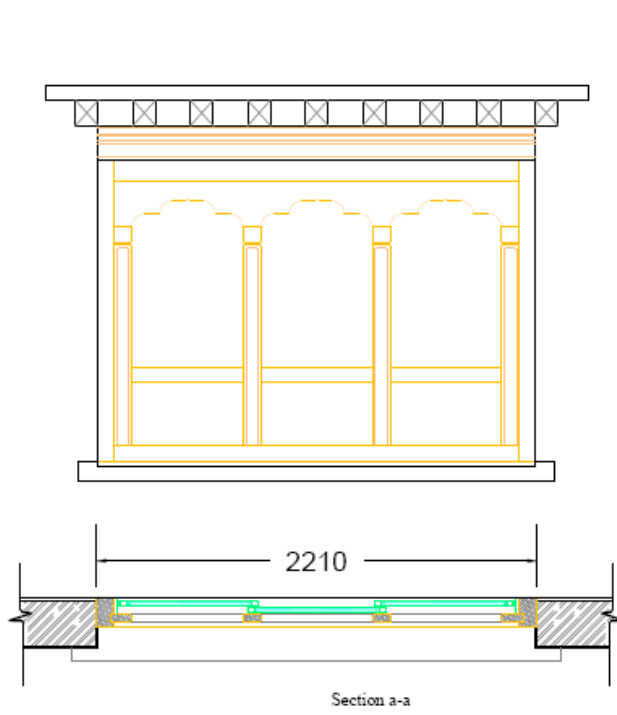
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0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Truss details		
			DRAWN BY:	ENGINEER	CHECKED BY:	APPROVED BY:



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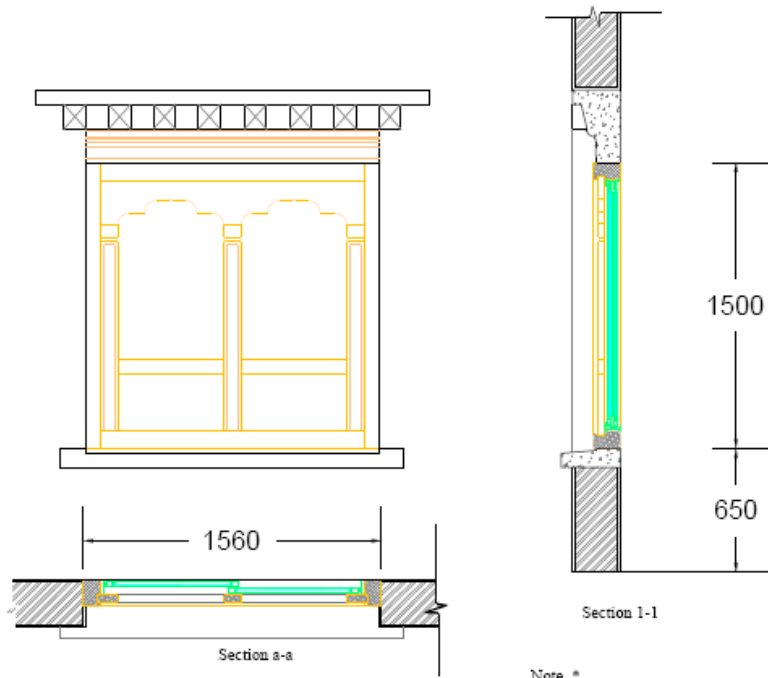
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Note \*  
All timber sections are of mixed conifer

REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN				
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Window W	 Department of Air Transport Ministry of Information & Communications				
			DRAWN BY:	ENGINEER:				CHECKED BY:	APPROVED BY:


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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



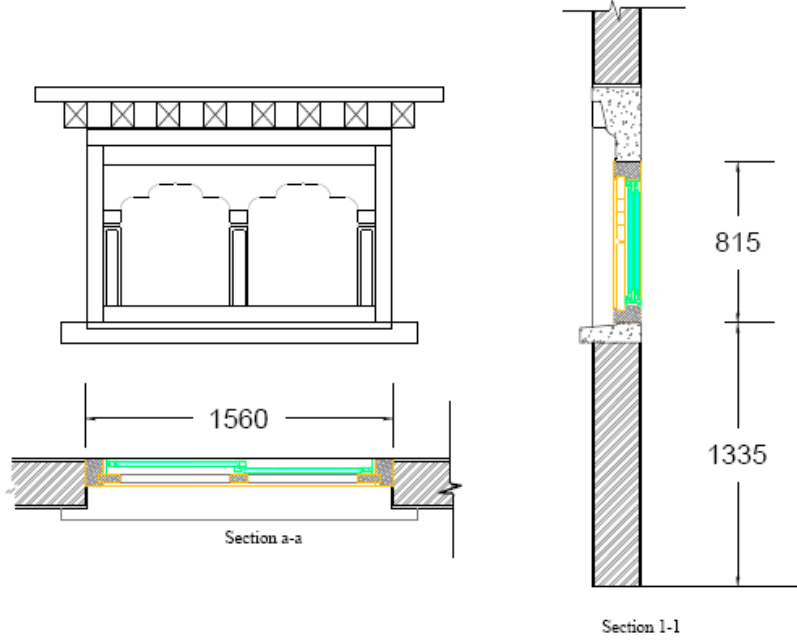
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

Note \*  
All timber sections are of mixed conifer

REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN				
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Window W1	 Department of Air Transport Ministry of Information & Communications				
			DRAWN BY:	ENGINEER:				CHECKED BY:	APPROVED BY:

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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

Note \*  
All timber sections are of mixed conifer

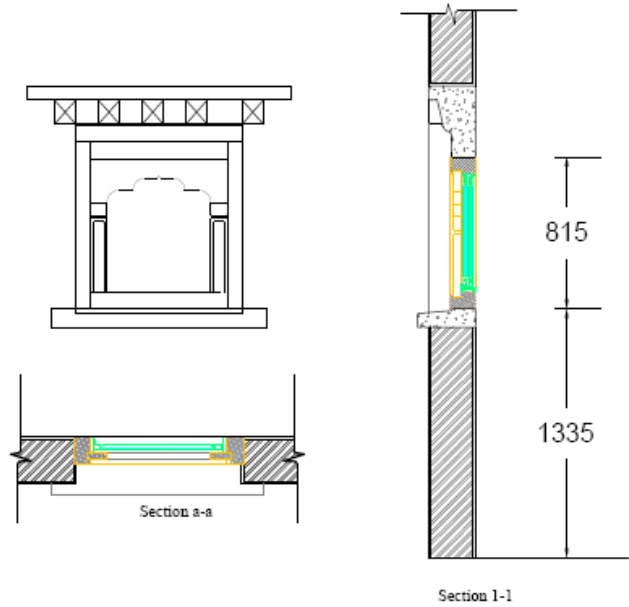
REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN				
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Ventilation V	 Department of Air Transport Ministry of Information & Communications				
			DRAWN BY:	ENGINEER:				CHECKED BY:	APPROVED BY:

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



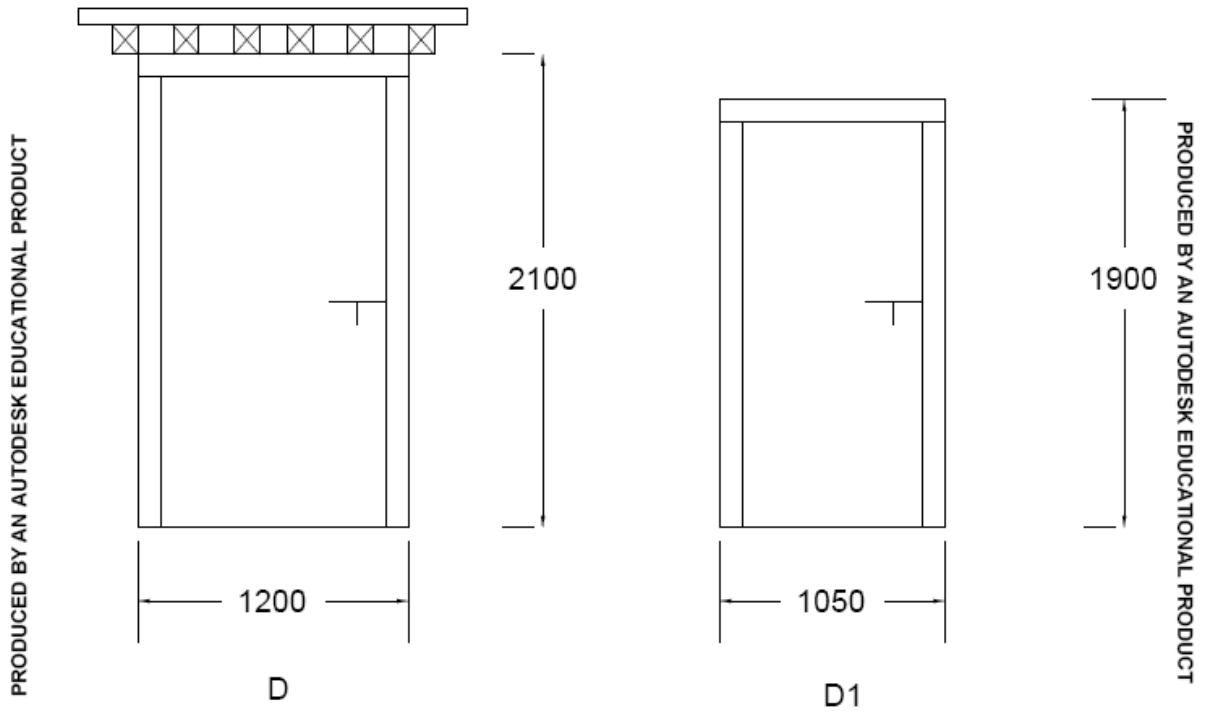
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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



Note \*  
All timber sections are of mixed conifer

REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Ventilation v	 Department of Air Transport Ministry of Information & Communications
			DRAWN BY:	ENGINEER:	
			CHECKED BY:	APPROVED BY:	



REV	DATE	NOTES	SCALE: NTS	PROJECT: Security Barrack at Outpost PIA	ROYAL GOVERNMENT OF BHUTAN
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Doors	 Department of Air Transport Ministry of Information & Communications
			DRAWN BY:	ENGINEER:	
			CHECKED BY:	APPROVED BY:	

1. General specifications for electrical works

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

S.N.	DESCRIPTION.
1	All light point wiring shall be 1.5Sq.mm multi-strand pvc insulated copper wire
2	All power point wiring shall be 4.0Sq.mm multi-strand pvc insulated copper wire
3	All light circuit wiring shall be 2.5Sq.mm multi-strand pvc insulated copper wire
4	All power point shall be located 0.3m above finished floor level except for kitchen and toilet
5	All power point shall be located 1.2m above finished floor level at kitchen and toilet
6	Light switch board shall be located 1.2m above finished floor level and 0.25m away from door edge and wall
7	Sub Distribution Board shall be located 2.5m above finished floor level.
8	Each sub circuit for light point shall not exceed total load of 800W or 6 points.
9	Looping is not allow for power point. Maximum of two points are allowed in single conduit with similar phase only. Phase difference is not allowed in single conduit.

REV	DATE	NOTES	SCALE: NTS	PROJECT: REST ROOM AT SECURITY OUTPOST	ROYAL GOVERNMENT OF BHUTAN	
0.00	06.07.17		DATE: 2 Feb 2018	Drawing title: Specification for electrical work	 Department of Air Transport Ministry of Information and Communications	
			DRAWN BY:	CHECKED BY:		APPROVED BY:

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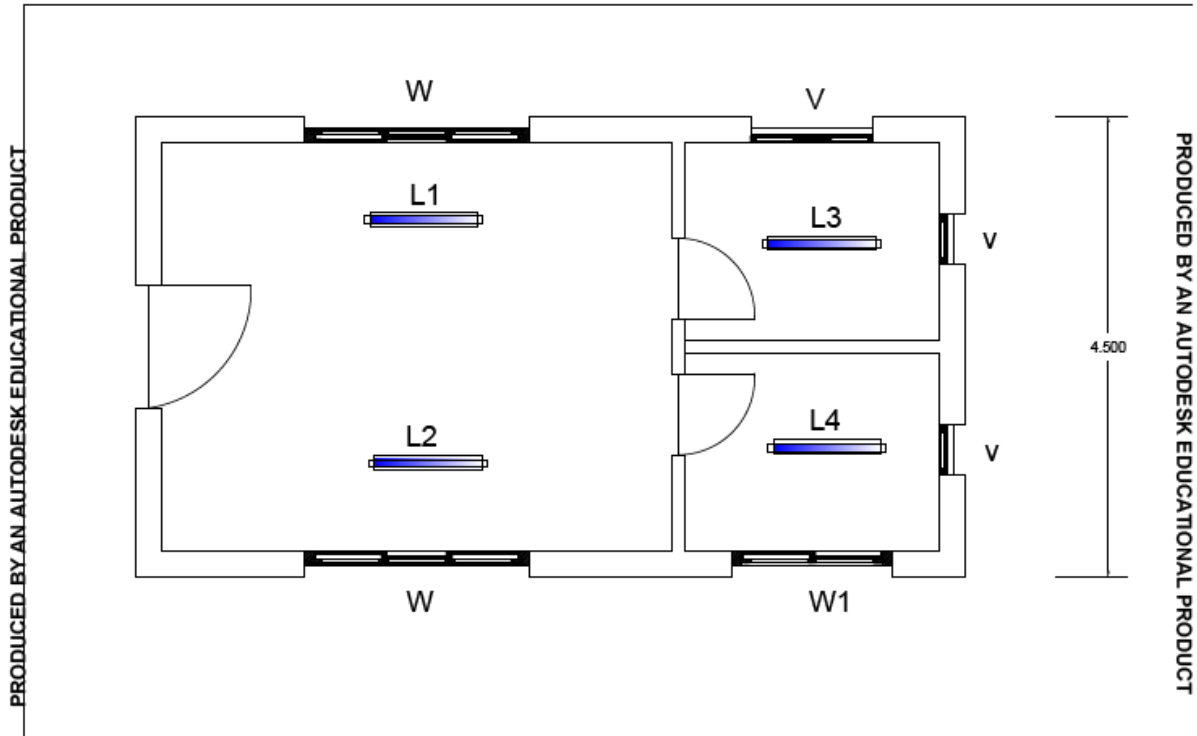
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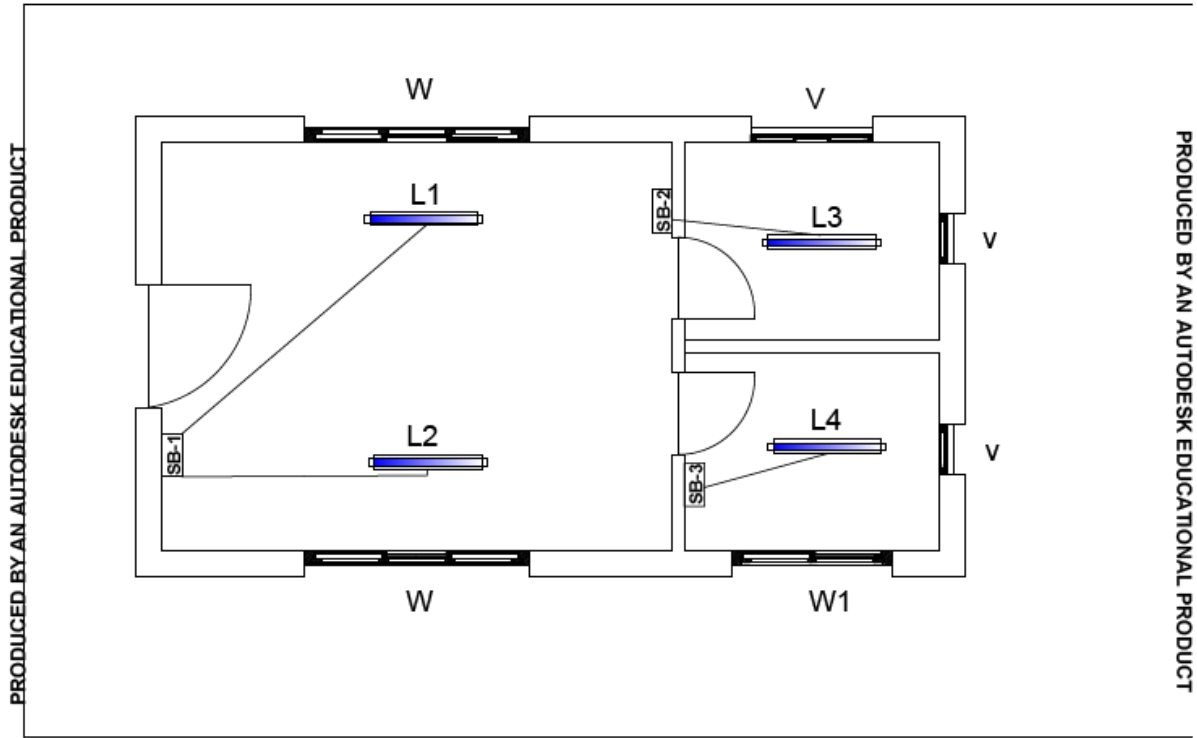
S.N.	SYMBOL	DESCRIPTION	MAKE/BRAND	REMARKS
		<u>Endura Linear Neo (Surface Mount)</u> 20W, Linear Neo LED light for surface or wall mount	Havells/Equiv.	20W
		6/16A, switch socket combined/shuttered	ROMA/Equiv.	
		Switch board with complete module including switches	ROMA/Equiv.	
		Sub-Distribution Board/MCB Box	Havells/Equiv.	

REV	DATE	NOTES	SCALE: NTS	PROJECT: REST ROOM AT SECURITY OUTPOST	ROYAL GOVERNMENT OF BHUTAN
0.00	06.07.17		DATE: 2 Feb 2018	Drawing title: Legends	 Department of Air Transport Ministry of Information & Communications
			DRAWN BY:	ENGINEER:	
			CHECKED BY:	APPROVED BY:	

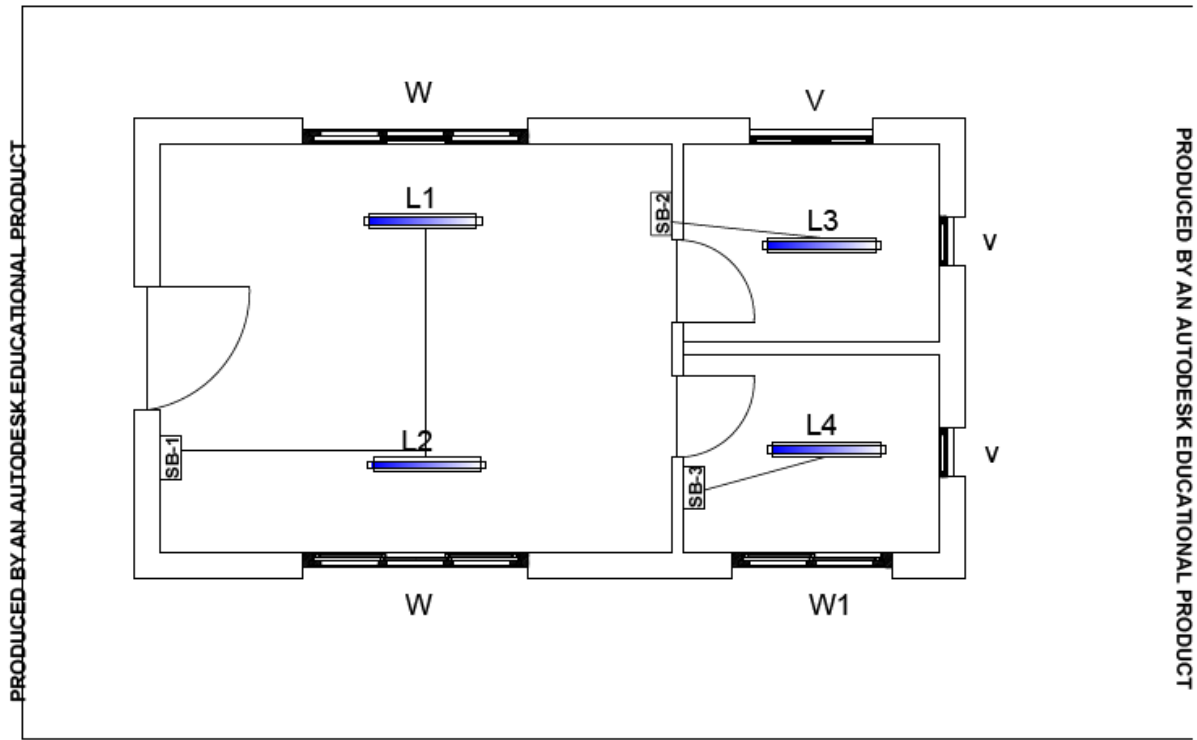
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



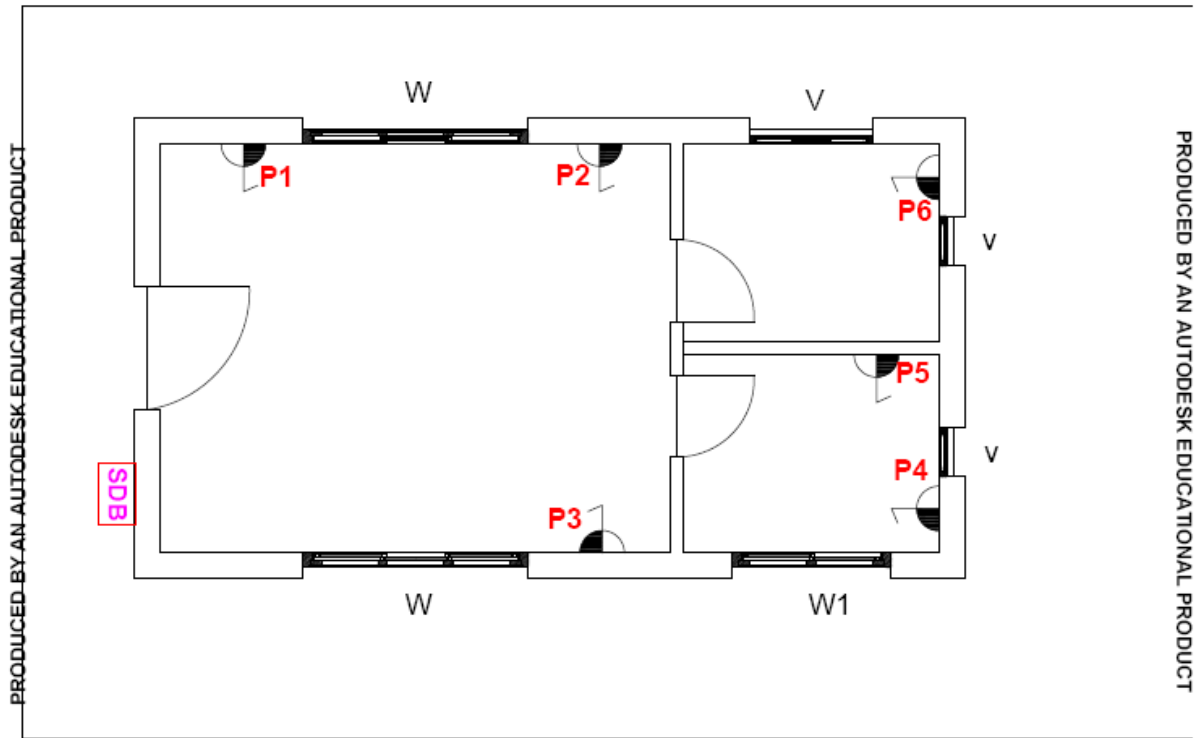
REV	DATE	NOTES	SCALE: NTS	PROJECT: REST ROOM AT SECURITY OUTPOST	ROYAL GOVERNMENT OF BHUTAN
0.00	06.07.17		DATE: 2 Feb 2018	Drawing title: Light point layout plan	 Department of Air Transport Ministry of Information & Communications
			DRAWN BY:	ENGINEER:	
			CHECKED BY:	APPROVED BY:	



REV	DATE	NOTES	SCALE: NTS	PROJECT: REST ROOM AT SECURITY OUTPOST	ROYAL GOVERNMENT OF BHUTAN
0.00	06.07.17		DATE: 2 Feb 2018	Drawing title: Light point wiring plan	 Department of Air Transport Ministry of Information & Communications
			DRAWN BY:	ENGINEER:	
			CHECKED BY:	APPROVED BY:	



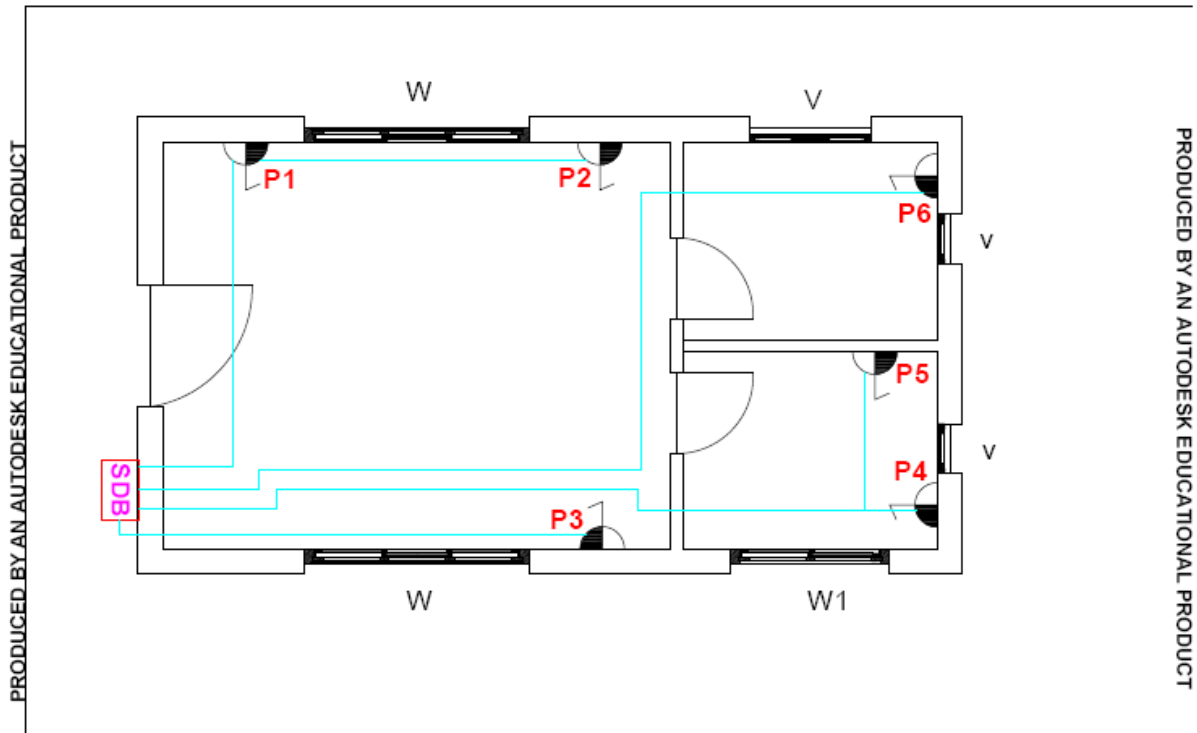
REV	DATE	NOTES	SCALE: NTS	PROJECT: REST ROOM AT SECURITY OUTPOST	ROYAL GOVERNMENT OF BHUTAN
0.00	06.07.17		DATE: 2 Feb 2018	Drawing title: Light circuit conduit plan	 Department of Air Transport Ministry of Information & Communications
			DRAWN BY:	ENGINEER:	
			CHECKED BY:	APPROVED BY:	



REV	DATE	NOTES	SCALE	NTS	PROJECT	ROYAL GOVERNMENT OF BHUTAN
0.00	06.07.17				REST ROOM AT SECURITY OUTPOST	
				DATE: 2 Feb 2018	Drawing title: Power point layout	
				DESIGNER:	CHECKED BY:	APPROVED BY:

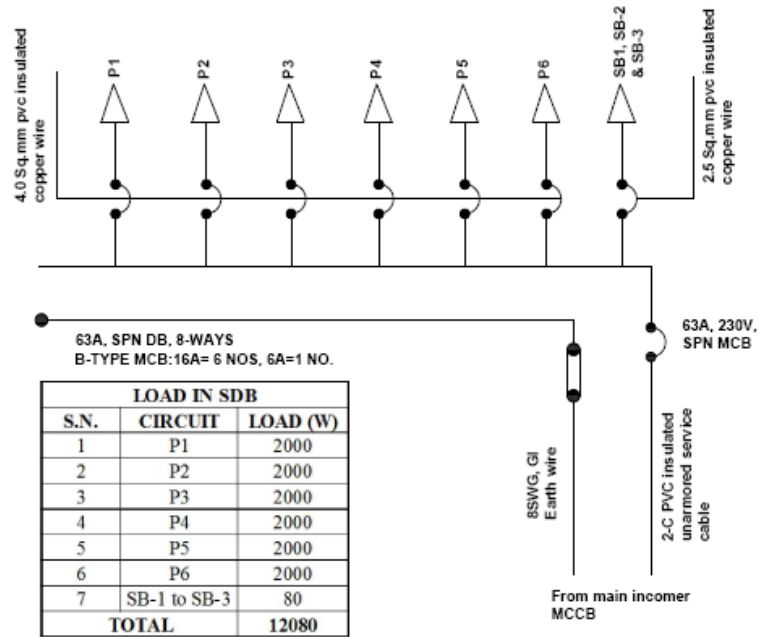






REV	DATE	NOTES	SCALE	NTS	PROJECT	ROYAL GOVERNMENT OF BRUTAN
0.00	06.07.17		DATE:	2 Feb 2018	Drawing title: Power point conduit plan	 Department of Air Transport Ministry of Information & Communications
			DRAWN BY:		ENGINEER:	
			CHECKED BY:		APPROVED BY:	

# SPN DB DETAILS



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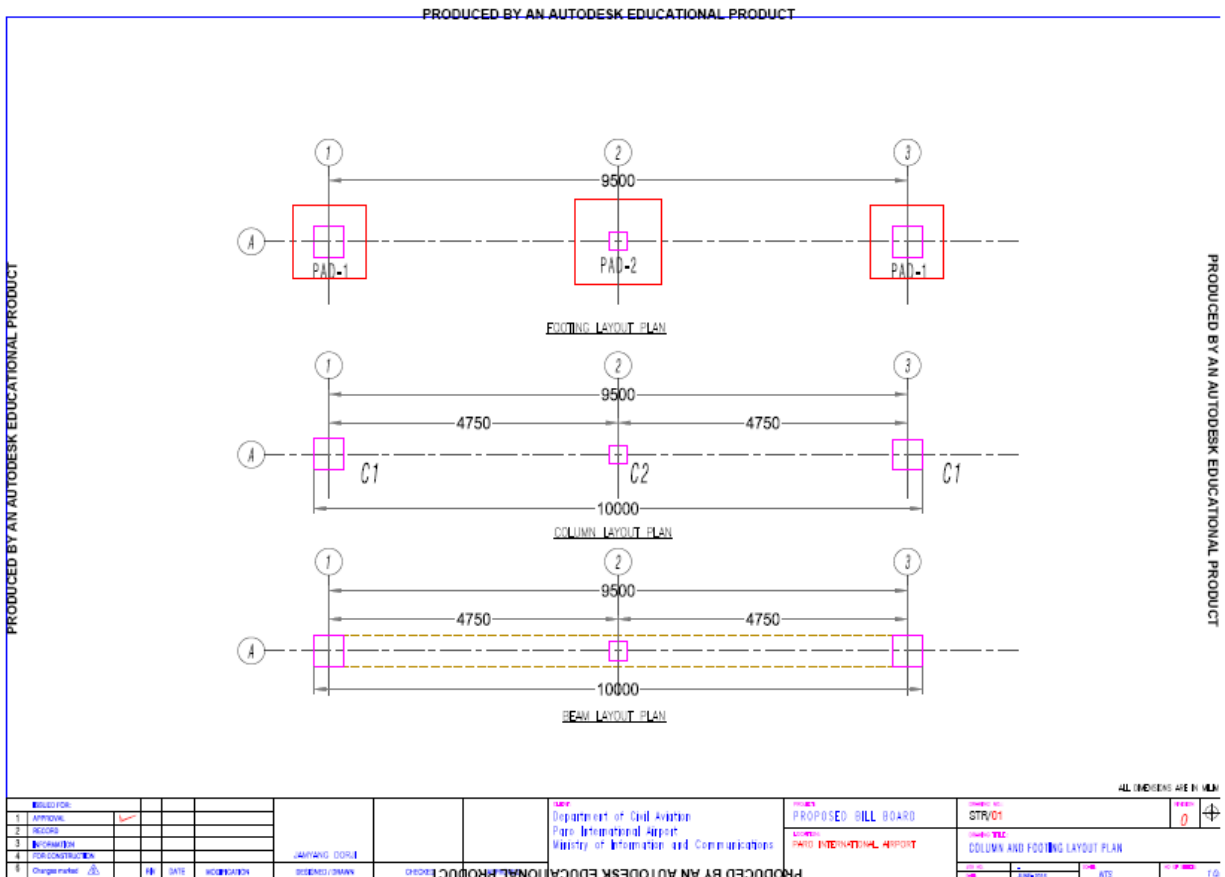
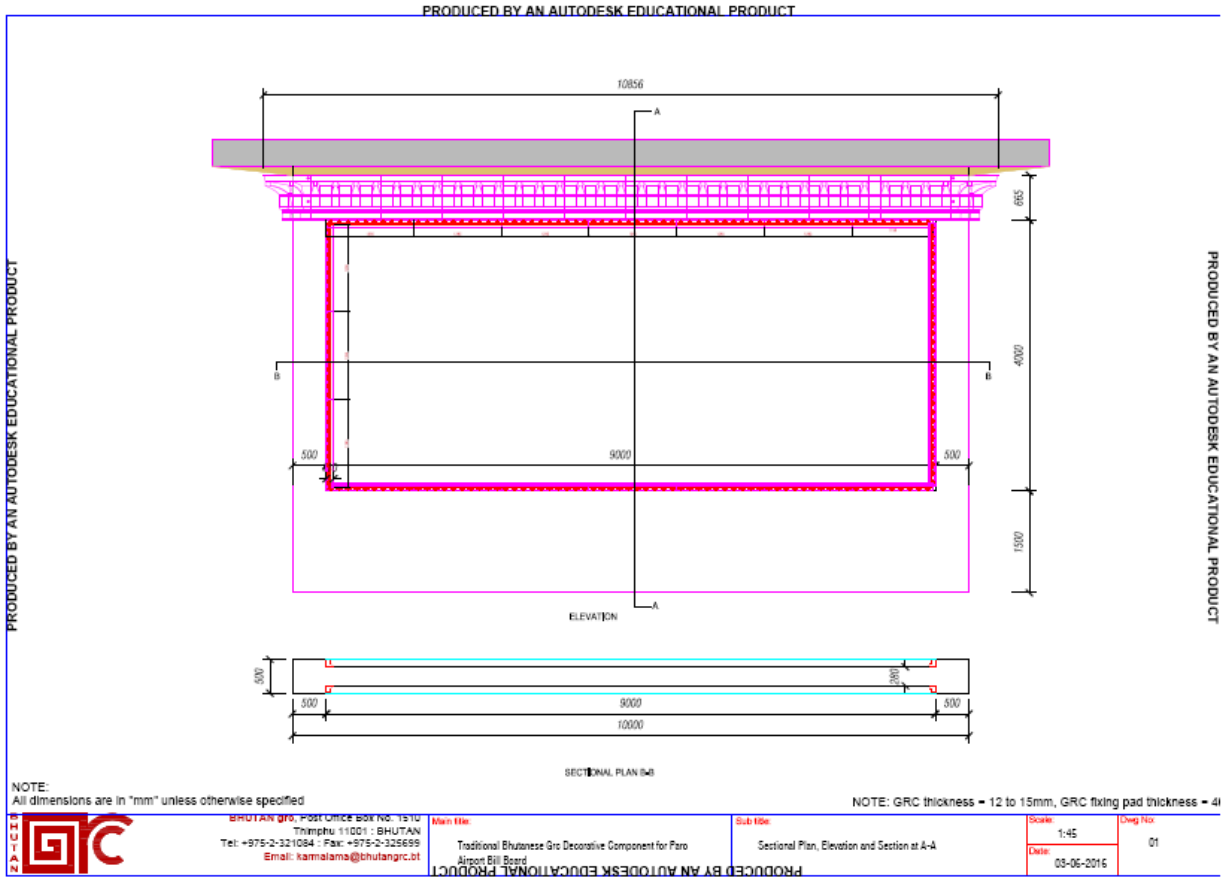
REV	DATE	NOTES	SCALE	NTS	PROJECT	ROYAL GOVERNMENT OF BHUTAN
0.00	06.07.17				REST ROOM AT SECURITY OUTPOST	
					DATE: 2 Feb 2018	
					Drawing title: SDB Details	
					DRAWN BY:	
					DESIGNED:	
					CHECKED BY:	
					APPROVED BY:	



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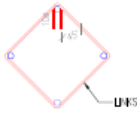
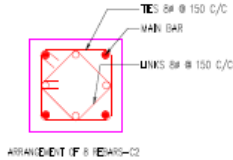
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## 9.2 Bill board



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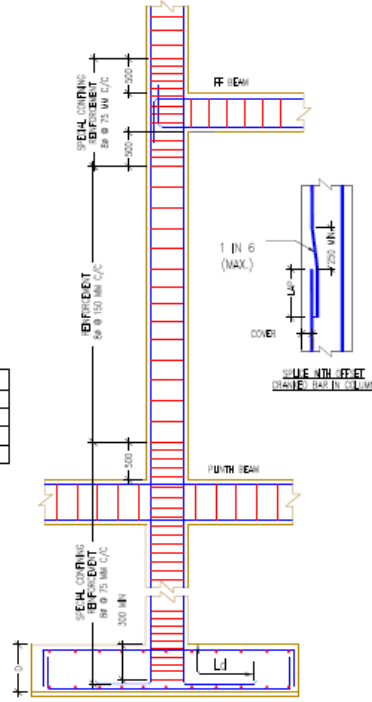


**NOTE**  
 -DO NOT SPLICE VERTICAL BARS AT GROUND FLOOR LEVEL.  
 -DO NOT SPLICE MORE THAN ONE BAR AT ONE LOCATION.  
 -SPLICES SHOULD BE STAGGERED.  
 -LOCATE SPLICE JOINT TOWARDS MID SPAN FOR COLUMN.

BAR DIA	SPLICE LENGTH
12#	684 MM
16#	912 MM
20#	1140 MM
25#	1425 MM

SCHEDULE FOR COLUMN

COLUMN TYPE	SIZE	COLUMN RBNF.
C1	500 X 500	4-20+4-16#
C2	300 X 300	4-16#



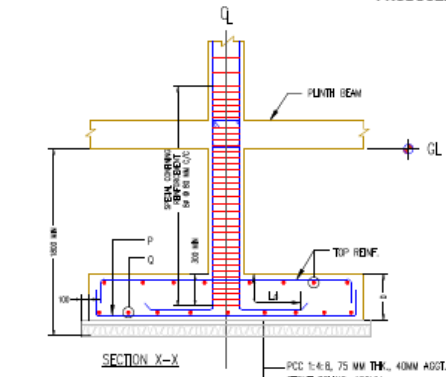
COLUMN AND JOINT DETAILING

ALL DIMENSIONS ARE IN MM

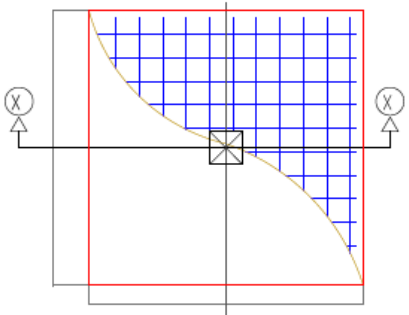
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4. FOR CONSTRUCTION:	<input type="checkbox"/>									DATE:		DATE:			
5. CHANGE ORDER:	<input type="checkbox"/>									DATE:		DATE:			

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SECTION X-X



PLAN

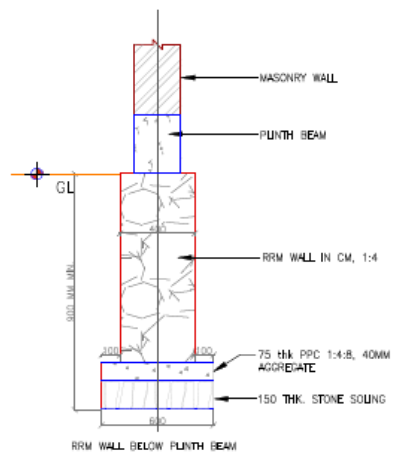
TYPICAL ISOLATED FOOTING DETAILS

WHERE Ld = DEVELOPMENT LENGTH IN TENSION

BAR DIA	Ld
12#	684 MM
16#	912 MM
20#	1140 MM
25#	1425 MM

SCHEDULE OF FOOTING

FOOTING TYPE	LENGTH(L)	WIDTH(W)	DEPTH(D)	BOTTOM REINFORCEMENT		TOP REINFORCEMENT
				P	Q	BOTH DIRECTION
PAD#1	1200	1200	250	12# @ 200 MM C/C	12# @ 200 MM C/C	12# @ 300 MM C/C
PAD#1	1400	1400	250	12# @ 200 MM C/C	12# @ 200 MM C/C	12# @ 300 MM C/C

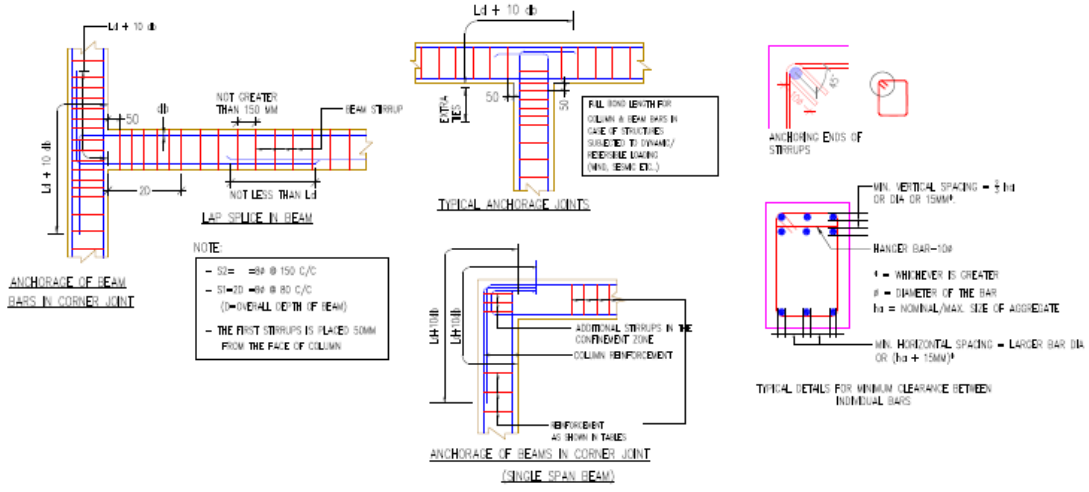


RRW WALL BELOW PLINTH BEAM

ALL DIMENSIONS ARE IN MM

DESIGNED FOR:		DATE:		REVISIONS:		DESIGNED BY:	JAYYANG DOU	CHECKED BY:		PROJECT:	PROPOSED BILL BOARD	DRAWING NO.:	STRV03	SCALE:	0
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2. REVIEW:	<input checked="" type="checkbox"/>									DATE:		DATE:			
3. INFORMATION:	<input type="checkbox"/>									PROJECT:	PARO INTERNATIONAL AIRPORT	DATE:			
4. FOR CONSTRUCTION:	<input type="checkbox"/>									DATE:		DATE:			
5. CHANGE ORDER:	<input type="checkbox"/>									DATE:		DATE:			

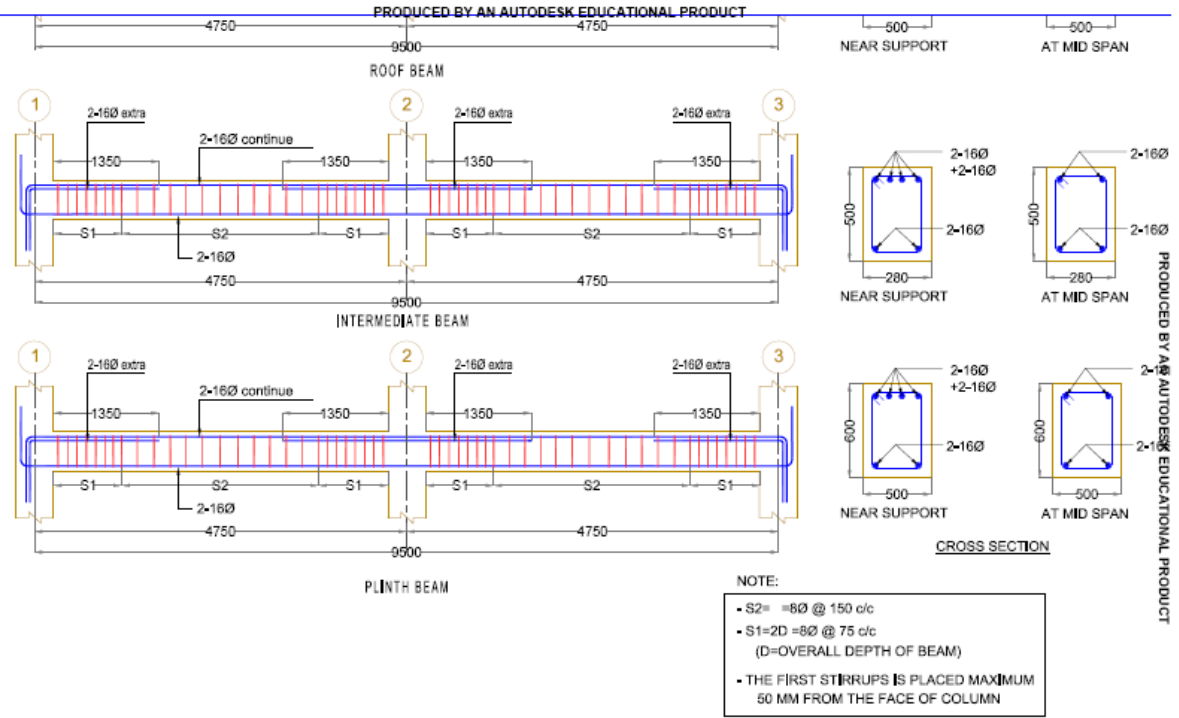
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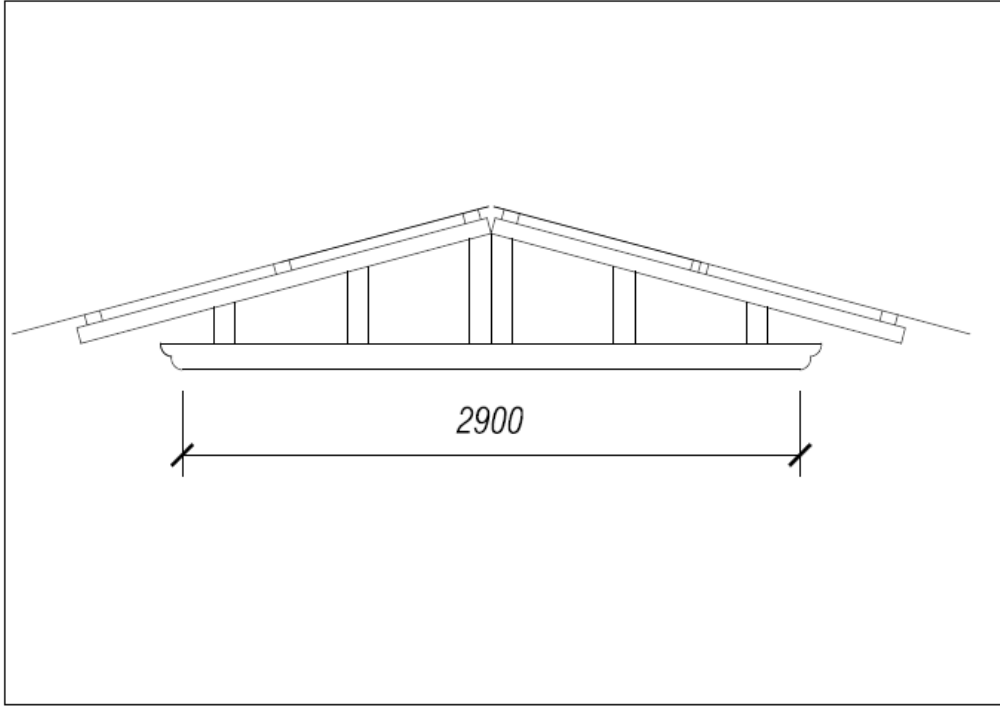
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1	APPROVAL												PROPOSED BILL BOARD	STR/04	0	4	
2	ISSUE												PROPOSED INTERIM REPORT	TYPICAL CORNER DETAILS			
3	DESIGN																
4	FOR CONTROL																
5	CHANGEMASTER																

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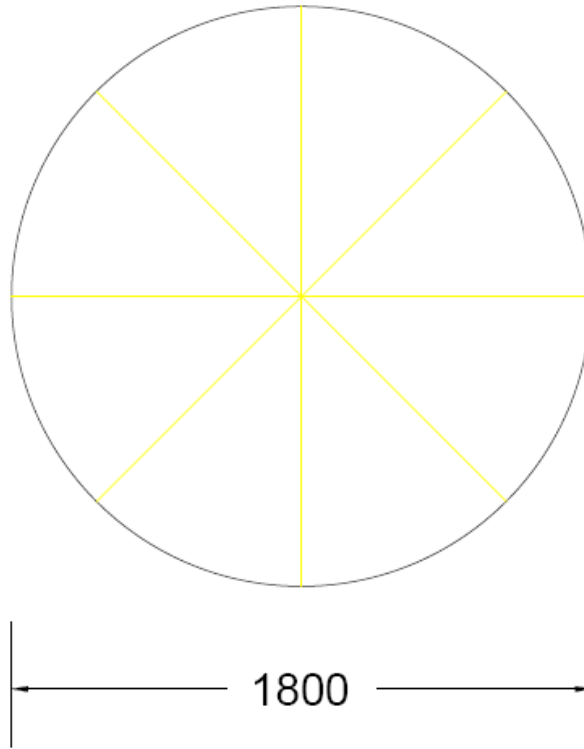
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2	ISSUE												PROPOSED INTERIM REPORT	BEAM DETAILS			
3	DESIGN																
4	FOR CONTROL																
5	CHANGEMASTER																




## 9.3 Canopies

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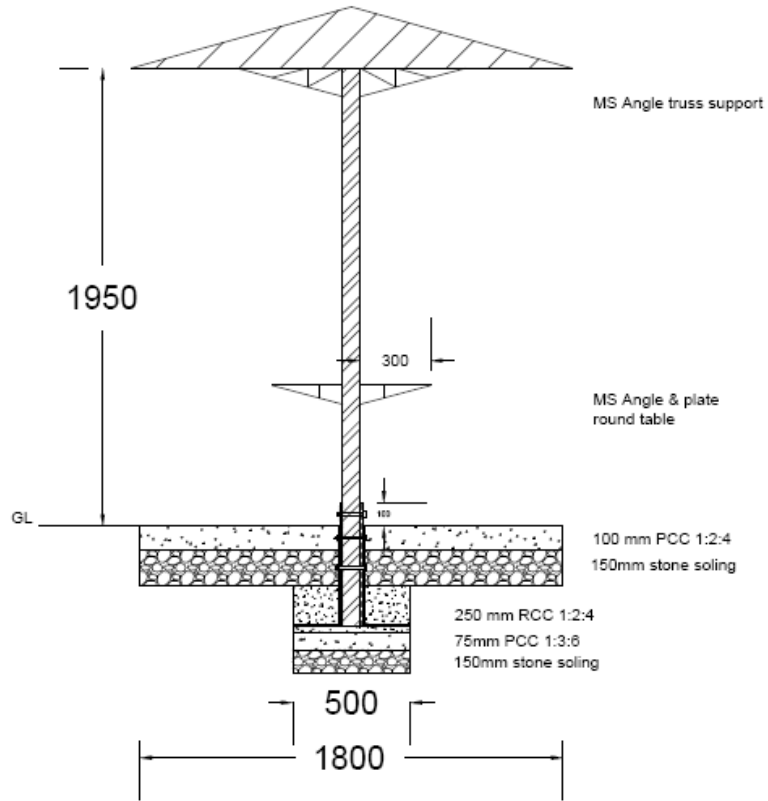
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0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Plan	 Department of Air Transport Ministry of Information & Communications				
			DRAWN BY:	ENGINEER				CHECKED BY:	APPROVED BY:


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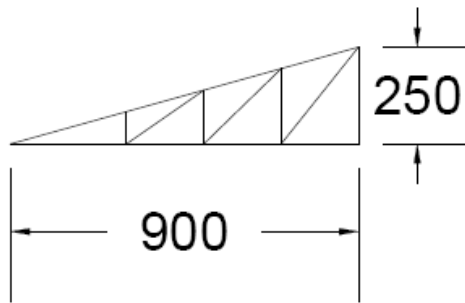
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



REV	DATE	NOTES	SCALE: NTS	PROJECT: Canopy at FIA	ROYAL GOVERNMENT OF BHUTAN		
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Section	 Department of Air Transport Ministry of Information & Communications		
			DESIGNER:	CHECKED BY:			

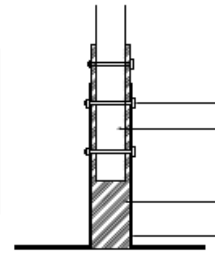
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TRUSS MEMBER SCHEDULE

MEMBER	SIZE
TOP CHORD	48.3OD x 4mm
BOTTOM CHORD	48.3OD x 4mm
TIES OR STRUTS	48.3OD x 3.2mm
PURLINS	48.3OD x 3.2mm



- MS Round bolt 20
- MS Tube 76.2 OD
- MS 88.9 OD x5mm
- MS Angle 50x50x5

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REV	DATE	NOTES	SCALE: NTS	PROJECT: Truss & foundation detail	ROYAL GOVERNMENT OF BHUTAN				
0.00	01.02.18		DATE: 01 Feb 2018	Drawing title: Section	Department of Air Transport Ministry of Information & Communications				
			DRAWN BY:	ENGINEER:				CHECKED BY:	APPROVED BY:

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