

Implement Construction Works

ITB/GLED/02/2018

SRI LANKA



United Nations Development Programme

July, 2018

Section 1. Letter of Invitation

SRI LANKA
July 18, 2018

ITB/GLED/02/2018

Dear M/S Bidder

The United Nations Development Programme (UNDP) hereby invites you to submit a Bid to this Invitation to Bid (ITB) for the above-referenced subject.

This ITB includes the following documents:

- Section 1 – This Letter of Invitation
- Section 2 – Instructions to Bidders (including Data Sheet)
- Section 3 – Schedule of Requirements and Technical Specifications
- Section 4 – Bid Submission Form
- Section 5 – Documents Establishing the Eligibility and Qualifications of the Bidder
- Section 6 – Technical Bid Form
- Section 7 – Price Schedule Form
- Section 8 – Form for Bid Security *[delete if not required]*
- Section 9 – Form for Performance Security *[delete if not required]*
- Section 10 – Form for Advanced Payment Guarantee *[delete if not required]*
- Section 11 – Contract to be signed, including General Terms and Conditions

Your offer, comprising of a Technical Bid and Price Schedule, in separate sealed envelopes, should be submitted in accordance with Section 2.

You are kindly requested to submit an acknowledgment letter to UNDP to the following address:

United Nations Development Programme,
Head of Procurement
Procurement.lk@undp.org

The letter should be received by UNDP no later than 31st July 2018. The same letter should advise whether your company intends to submit a Bid. If that is not the case, UNDP would appreciate your indicating the reason, for our records. If you have received this ITB through a direct invitation by UNDP, transferring this invitation to another firm requires notifying UNDP accordingly.

Should you require any clarification, kindly communicate with the contact person identified in the attached Data Sheet as the focal point for queries on this ITB.

UNDP looks forward to receiving your Bid and thanks you in advance for your interest in UNDP procurement opportunities.

Yours sincerely,

Nilmini Jayatilake, Procurement Associate

Section 2: Instruction to Bidders¹

Definitions

- a) *“Bid”* refers to the Bidder’s response to the Invitation to Bid, including the Bid Submission Form, Technical Bid and Price Schedule and all other documentation attached thereto as required by the ITB.
- b) *“Bidder”* refers to any legal entity that may submit, or has submitted, a Bid for the supply of goods and provision of related services requested by UNDP.
- c) *“Contract”* refers to the legal instrument that will be signed by and between the UNDP and the successful Bidder, all the attached documents thereto, including the General Terms and Conditions (GTC) and the Appendices.
- d) *“Country”* refers to the country indicated in the Data Sheet.
- e) *“Data Sheet”* refers to such part of the Instructions to Bidders used to reflect conditions of the tendering process that are specific for the requirements of the ITB.
- f) *“Day”* refers to calendar day.
- g) *“Goods”* refer to any tangible product, commodity, article, material, wares, equipment, assets or merchandise that UNDP requires under this ITB.
- h) *“Government”* refers to the Government of the country where the goods and related services provided/rendered specified under the Contract will be delivered or undertaken.
- i) *“Instructions to Bidders”* refers to the complete set of documents which provides Bidders with all information needed and procedures to be followed in the course of preparing their Bid
- j) *“ITB”* refers to the Invitation to Bid consisting of instructions and references prepared by UNDP for purposes of selecting the best supplier or service provider to fulfil the requirement indicated in the Schedule of Requirements and Technical Specifications.
- k) *“LOI”* (Section 1 of the ITB) refers to the Letter of Invitation sent by UNDP to Bidders.
- l) *“Material Deviation”* refers to any contents or characteristics of the bid that is significantly different from an essential aspect or requirement of the ITB, and (i) substantially alters the scope and quality of the requirements; (ii) limits the rights of UNDP and/or the obligations of the offeror; and (iii) adversely impacts the fairness and principles of the procurement process, such as those that compromise the competitive position of other offerors.
- m) *“Schedule of Requirements and Technical Specifications”* refers to the document included in this ITB as Section 3 which lists the goods required by UNDP, their specifications, the related services, activities, tasks to be performed, and other information pertinent to UNDP’s receipt

¹ Note: this Section 2 - Instructions to Bidders shall not be modified in any way. Any necessary changes to address specific country and project information shall be introduced only through the Data Sheet.

and acceptance of the goods.

- n) *“Services”* refers to the entire scope of tasks related or ancillary to the completion or delivery of the goods required by UNDP under the ITB.
- o) *“Supplemental Information to the ITB”* refers to a written communication issued by UNDP to prospective Bidders containing clarifications, responses to queries received from prospective Bidders, or changes to be made in the ITB, at any time after the release of the ITB but before the deadline for the submission of Bid.

A. GENERAL

1. UNDP hereby solicits Bids as a response to this Invitation to Bid (ITB). Bidders must strictly adhere to all the requirements of this ITB. No changes, substitutions or other alterations to the rules and provisions stipulated in this ITB may be made or assumed unless it is instructed or approved in writing by UNDP in the form of Supplemental Information to the ITB.
2. Submission of a Bid shall be deemed as an acknowledgement by the Bidder that all obligations stipulated by this ITB will be met and, unless specified otherwise, the Bidder has read, understood and agreed to all the instructions in this ITB.
3. Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of any Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this ITB.
4. UNDP implements a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical practices, and obstruction. UNDP is committed to preventing, identifying and addressing all acts of fraud and corrupt practices against UNDP as well as third parties involved in UNDP activities. (See http://www.undp.org/about/transparencydocs/UNDP_Anti_Fraud_Policy_English_FINAL_june_2011.pdf and http://www.undp.org/content/undp/en/home/operations/procurement/procurement_protect/ for full description of the policies)
5. In responding to this ITB, UNDP requires all Bidders to conduct themselves in a professional, objective and impartial manner, and they must at all times hold UNDP's interests paramount. Bidders must strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. All Bidders found to have a conflict of interest shall be disqualified. Without limitation on the generality of the above, Bidders, and any of their affiliates, shall be considered to have a conflict of interest with one or more parties in this solicitation process, if they:
 - 5.1 Are, or have been associated in the past, with a firm or any of its affiliates which have been engaged UNDP to provide services for the preparation of the design, Schedule of Requirements and Technical Specifications, cost analysis/estimation, and other documents to be used for the procurement of the goods and related services in this selection process;
 - 5.2 Were involved in the preparation and/or design of the programme/project related to the goods and related services requested under this ITB; or

- 5.3 Are found to be in conflict for any other reason, as may be established by, or at the discretion of, UNDP.

In the event of any uncertainty in the interpretation of what is potentially a conflict of interest, Bidders must disclose the condition to UNDP and seek UNDP's confirmation on whether or not such conflict exists.

6. Similarly, the following must be disclosed in the Bid:

- 6.1 Bidders who are owners, part-owners, officers, directors, controlling shareholders, or key personnel who are family of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving the goods and related services under this ITB; and
- 6.4 Others that could potentially lead to actual or perceived conflict of interest, collusion or unfair competition practices.

Failure of such disclosure may result in the rejection of the Bid.

7. The eligibility of Bidders that are wholly or partly owned by the Government shall be subject to UNDP's further evaluation and review of various factors such as being registered as an independent entity, the extent of Government ownership/share, receipt of subsidies, mandate, access to information in relation to this ITB, and others that may lead to undue advantage against other Bidders, and the eventual rejection of the Bid.
8. All Bidders must adhere to the UNDP Supplier Code of Conduct, which may be found at this link: <http://web.ng.undp.org/procurement/undp-supplier-code-of-conduct.pdf>

B. CONTENTS OF BID

9. Sections of Bid

Bidders are required to complete, sign and submit the following documents:

- 9.1 Bid Submission Cover Letter Form (see ITB Section 4);
- 9.2 Documents Establishing the Eligibility and Qualifications of the Bidder (see ITB Section 5);
- 9.3 Technical Bid (see prescribed form in ITB Section 6);
- 9.4 Price Schedule (see prescribed form in ITB Section 7);
- 9.5 Bid Security, if applicable (if required and as stated in the DS nos. 9-11, see prescribed Form in ITB Section 8);
- 9.6 Any attachments and/or appendices to the Bid (including all those specified under the **Data Sheet**)

10. Clarification of Bid

- 10.1 Bidders may request clarification of any of the ITB documents no later than the number of days indicated in the **Data Sheet** (DS no. 16) prior to the Bid submission date. Any request for clarification must be sent in writing via courier or through electronic means to the UNDP address indicated in the **Data Sheet** (DS no. 17). UNDP will respond in writing, transmitted by electronic means and will transmit copies of the response (including an explanation of the query but without identifying the source of inquiry) to all Bidders who have provided confirmation of their intention to submit a Bid.

- 10.2 UNDP shall endeavour to provide such responses to clarifications in an expeditious manner, but any delay in such response shall not cause an obligation on the part of UNDP to extend the submission date of the Bid, unless UNDP deems that such an extension is justified and necessary.

11. Amendment of Bid

- 11.1 At any time prior to the deadline for submission of Bid, UNDP may for any reason, such as in response to a clarification requested by a Bidder, modify the ITB in the form of a Supplemental Information to the ITB. All prospective Bidders will be notified in writing of all changes/amendments and additional instructions through Supplemental Information to the ITB and through the method specified in the **Data Sheet** (DS No. 18).
- 11.2 In order to afford prospective Bidders reasonable time to consider the amendments in preparing their Bid, UNDP may, at its discretion, extend the deadline for submission of Bid, if the nature of the amendment to the ITB justifies such an extension.

C. PREPARATION OF BID

12. Cost

The Bidder shall bear any and all costs related to the preparation and/or submission of the Bid, regardless of whether its Bid was selected or not. UNDP shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the procurement process.

13. Language

The Bid, as well as any and all related correspondence exchanged by the Bidder and UNDP, shall be written in the language (s) specified in the **Data Sheet** (DS No. 4). Any printed literature furnished by the Bidder written in a language other than the language indicated in the **Data Sheet**, must be accompanied by a translation in the preferred language indicated in the **Data Sheet**. For purposes of interpretation of the Bid, and in the event of discrepancy or inconsistency in meaning, the version translated into the preferred language shall govern. Upon conclusion of a contract, the language of the contract shall govern the relationship between the contractor and UNDP.

14. Bid Submission Form

The Bidder shall submit the Bid Submission Form using the form provided in Section 4 of this ITB.

15. Technical Bid Format and Content

Unless otherwise stated in the **Data Sheet** (DS no. 28), the Bidder shall structure the Technical Bid as follows:

- 15.1 Expertise of Firm/Organization – this section should provide details regarding management structure of the organization, organizational capability/resources, and experience of organization/firm, the list of projects/contracts (both completed and on-going, both domestic and international) which are related or similar in nature to the

requirements of the ITB, manufacturing capacity of plant if Bidder is a manufacturer, authorization from the manufacturer of the goods if Bidder is not a manufacturer, and proof of financial stability and adequacy of resources to complete the delivery of goods and provision of related services required by the ITB (see ITB Clause 18 and DS No. 26 for further details). The same shall apply to any other entity participating in the ITB as a Joint Venture or Consortium.

- 15.2 Technical Specifications and Implementation Plan – this section should demonstrate the Bidder’s response to the Schedule of Requirements and Technical Specifications by identifying the specific components proposed; how each of the requirements shall be met point by point; providing a detailed specification and description of the goods required, plans and drawings where needed; the essential performance characteristics, identifying the works/portions of the work that will be subcontracted; a list of the major subcontractors, and demonstrating how the bid meets or exceeds the requirements, while ensuring appropriateness of the bid to the local conditions and the rest of the project operating environment during the entire life of the goods provided. Details of technical bid must be laid out and supported by an Implementation Timetable, including Transportation and Delivery Schedule where needed, that is within the duration of the contract as specified in the **Data Sheet** (DS nos. 29 and 30).

Bidders must be fully aware that the goods and related services that UNDP require may be transferred, immediately or eventually, by UNDP to the Government partners, or to an entity nominated by the latter, in accordance with UNDP’s policies and procedures. All bidders are therefore required to submit the following in their bids:

- a) A statement of whether any import or export licences are required in respect of the goods to be purchased or services to be rendered, including any restrictions in the country of origin, use or dual use nature of the goods or services, including any disposition to end users;
- b) Confirmation that the Bidder has obtained license of this nature in the past, and have an expectation of obtaining all the necessary licenses, should their bid be rendered the most responsive; and
- c) Complete documentation, information and declaration of any goods classified or may be classified as “Dangerous Goods”.

- 15.3 Management Structure and Key Personnel – This section should include the comprehensive curriculum vitae (CVs) of key personnel that will be assigned to support the implementation of the technical bid, clearly defining their roles and responsibilities. CVs should establish competence and demonstrate qualifications in areas relevant to the requirements of this ITB.

In complying with this section, the Bidder assures and confirms to UNDP that the personnel being nominated are available to fulfil the demands of the Contract during its stated full term. If any of the key personnel later becomes unavailable, except for unavoidable reasons such as death or medical incapacity, among other possibilities, UNDP reserves the right to render the Bid non-responsive. Any deliberate substitution of personnel arising from unavoidable reasons, including delay in the implementation of the project of programme through no fault of the Bidder, shall be made only with UNDP’s acceptance of the justification for substitution, and UNDP’s approval of the qualification of the replacement who shall be either of equal or superior credentials as the one being replaced.

15.4 Where the **Data Sheet** requires the submission of the Bid Security, the Bid Security shall be included along with the Technical Bid. The Bid Security may be forfeited by UNDP, and reject the Bid, in the event of any or any combination of the following conditions:

- a) If the Bidder withdraws its offer during the period of the Bid Validity specified in the **Data Sheet** (DS no. 11), or;
- b) If the Bid Security amount is found to be less than what is required by UNDP as indicated in the **Data Sheet** (DS no. 9), or;
- c) In the case the successful Bidder fails:
 - i. to sign the Contract after UNDP has awarded it;
 - ii. to comply with UNDP's variation of requirement, as per ITB Clause 35; or
 - iii. to furnish Performance Security, insurances, or other documents that UNDP may require as a condition to rendering effective the contract that may be awarded to the Bidder.

16. Price Schedule

The Price Schedule shall be prepared using the attached standard form (Section 7). It shall list all major cost components associated with the goods and related services, and the detailed breakdown of such costs. All goods and services described in the Technical Bid must be priced separately on a one-to-one correspondence. Any output and activities described in the Technical Bid but not priced in the Price Schedule, shall be assumed to be included in the prices of the items or activities, as well as in the final total price of the bid.

17. Currencies

All prices shall be quoted in the currency indicated in the **Data Sheet** (DS no. 15). However, where Bids are quoted in different currencies, for the purposes of comparison of all Bid:

- 17.1 UNDP will convert the currency quoted in the Bid into the UNDP preferred currency, in accordance with the prevailing UN operational rate of exchange on the last day of submission of Bid; and
- 17.2 In the event that the Bid found to be the most responsive to the ITB requirement is quoted in another currency different from the preferred currency as per **Data Sheet** (DS no. 15), then UNDP shall reserve the right to award the contract in the currency of UNDP's preference, using the conversion method specified above.

18. Documents Establishing the Eligibility and Qualifications of the Bidder

18.1 The Bidder shall furnish documentary evidence of its status as an eligible and qualified vendor, using the forms provided under Section 5, Bidder Information Forms. In order to award a contract to a Bidder, its qualifications must be documented to UNDP's satisfactions. These include, but are not limited to the following:

- a) That, in the case of a Bidder offering to supply goods under the Contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' manufacturer or producer to supply the goods in the country of final destination;
- b) That the Bidder has the financial, technical, and production capability necessary to perform the Contract; and

- c) That, to the best of the Bidder's knowledge, it is not included in the UN 1267 List or the UN Ineligibility List, nor in any and all of UNDP's list of suspended and removed vendors.

18.2 Bids submitted by two (2) or more Bidders shall all be rejected by UNDP if they are found to have any of the following:

- a) they have at least one controlling partner, director or shareholder in common; or
- b) any one of them receive or have received any direct or indirect subsidy from the other/s; or
- c) they have the same legal representative for purposes of this ITB; or
- d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about, or influence on the Bid of, another Bidder regarding this ITB process;
- e) they are subcontractors to each other's bid, or a subcontractor to one bid also submits another Bid under its name as lead Bidder; or
- f) an expert proposed to be in the bid of one Bidder participates in more than one Bid received for this ITB process. This condition does not apply to subcontractors being included in more than one Bid.

19. Joint Venture, Consortium or Association

If the Bidder is a group of legal entities that will form or have formed a joint venture, consortium or association at the time of the submission of the Bid, they shall confirm in their Bid that : (i) they have designated one party to act as a lead entity, duly vested with authority to legally bind the members of the joint venture jointly and severally, and this shall be duly evidenced by a duly notarized Agreement among the legal entities, which shall be submitted along with the Bid; and (ii) if they are awarded the contract, the contract shall be entered into, by and between UNDP and the designated lead entity, who shall be acting for and on behalf of all entities that comprise the joint venture.

After the bid has been submitted to UNDP, the lead entity identified to represent the joint venture shall not be altered without the prior written consent of UNDP. Furthermore, neither the lead entity nor the member entities of the joint venture can:

- a) Submit another Bid, either in its own capacity; nor
- b) As a lead entity or a member entity for another joint venture submitting another Bid.

The description of the organization of the joint venture/consortium/association must clearly define the expected role of each of the entity in the joint venture in delivering the requirements of the ITB, both in the bid and in the Joint Venture Agreement. All entities that comprise the joint venture shall be subject to the eligibility and qualification assessment by UNDP.

Where a joint venture is presenting its track record and experience in a similar undertaking as those required in the ITB, it should present such information in the following manner:

- a) Those that were undertaken together by the joint venture; and
- b) Those that were undertaken by the individual entities of the joint venture expected to be involved in the performance of the services defined in the ITB.

Previous contracts completed by individual experts working privately but who are

permanently or were temporarily associated with any of the member firms cannot be claimed as the experience of the joint venture or those of its members, but should only be claimed by the individual experts themselves in their presentation of their individual credentials.

If the Bid of a joint venture is determined by UNDP as the most responsive Bid that offers the best value for money, UNDP shall award the contract to the joint venture, in the name of its designated lead entity, who shall sign the contract for and on behalf of all the member entities.

20. Alternative Bid

Unless otherwise specified in the **Data Sheet** (DS nos. 5 and 6), alternative bid shall not be considered. Where the conditions for its acceptance are met, or justifications are clearly established, UNDP reserves the right to award a contract based on an alternative bid.

21. Validity Period

21.1 Bid shall remain valid for the period specified in the **Data Sheet** (DS no. 8), commencing on the submission deadline date also indicated in the **Data Sheet** (DS no. 21). A Bid valid for a shorter period shall be immediately rejected by UNDP and rendered non-responsive.

21.2 In exceptional circumstances, prior to the expiration of the Bid validity period, UNDP may request Bidders to extend the period of validity of their Bid. The request and the responses shall be made in writing, and shall be considered integral to the Bid.

22. Bidder's Conference

When appropriate, a Bidder's conference will be conducted at the date, time and location specified in the **Data Sheet** (DS no. 7). All Bidders are encouraged to attend. Non-attendance, however, shall not result in disqualification of an interested Bidder. Minutes of the Bidder's conference will be either posted on the UNDP website, or disseminated to the individual firms who have registered or expressed interest with the contract, whether or not they attended the conference. No verbal statement made during the conference shall modify the terms and conditions of the ITB unless such statement is specifically written in the Minutes of the Conference, or issued/posted as an amendment in the form of a Supplemental Information to the ITB.

D. SUBMISSION AND OPENING OF BID

23. Submission

23.1 The Technical Bid and the Price Schedule **must** be submitted together and sealed together in one and the same envelope, delivered either personally, by courier, or by electronic method of transmission. If submission will not be done by electronic means, the Technical Bid and Price Schedule must be sealed together in an envelope whose external side must :

- a) Bear the name of the Bidder;
- b) Be addressed to UNDP as specified in the **Data Sheet** (DS no.20); and
- c) Bear a warning not to open before the time and date for Bid opening as specified in the **Data Sheet** (DS no. 24).

If the envelope is not sealed nor labelled as required, the Bidder shall assume the responsibility for the misplacement or premature opening of Bid due to improper sealing and labelling by the Bidder.

- 23.2 Bidders must submit their Bid in the manner specified in the **Data Sheet** (DS nos. 22 and 23). When the Bid is expected to be in transit for more than 24 hours, the Bidder must ensure that sufficient lead time has been provided in order to comply with UNDP's deadline for submission. UNDP shall indicate for its record that the official date and time of receiving the Bid is the actual date and time when the said Bid has physically arrived at the UNDP premises indicated in the **Data Sheet** (DS no. 20).
- 23.3 Bidders submitting Bid by mail or by hand shall enclose the original and each copy of the Bid, in separate sealed envelopes, duly marking each of the envelopes as "Original Bid" and the others as "Copy of Bid". The two envelopes, consisting of original and copies, shall then be sealed in an outer envelope. The number of copies required shall be as specified in the **Data Sheet** (DS no. 19). In the event of any discrepancy between the contents of the "Original Bid" and the "Copy of Bid", the contents of the original shall govern. The original version of the Bid shall be signed or initialled by the Bidder or person(s) duly authorized to commit the Bidder on every page. The authorization shall be communicated through a document evidencing such authorization issued by the highest official of the firm, or a Power of Attorney, accompanying the Bid.
- 23.4 Bidders must be aware that the mere act of submission of a Bid, in and of itself, implies that the Bidder accepts the General Contract Terms and Conditions of UNDP as attached hereto as Section 11.

24. Deadline for Submission of Bid and Late Bids

Bid must be received by UNDP at the address and no later than the date and time specified in the **Data Sheet** (DS no. 20 and 21).

UNDP shall not consider any Bid that arrives after the deadline for submission of Bid. Any Bid received by UNDP after the deadline for submission of Bid shall be declared late, rejected, and returned unopened to the Bidder.

25. Withdrawal, Substitution, and Modification of Bid

- 25.1 Bidders are expected to have sole responsibility for taking steps to carefully examine in detail the full consistency of its Bid to the requirements of the ITB, keeping in mind that material deficiencies in providing information requested by UNDP, or lack clarity in the description of goods and related services to be provided, may result in the rejection of the Bid. The Bidder shall assume any responsibility regarding erroneous interpretations or conclusions made by the Bidder in the course of understanding the ITB out of the set of information furnished by UNDP.
- 25.2 A Bidder may withdraw, substitute or modify its Bid after it has been submitted by sending a written notice in accordance with ITB Clause 23, duly signed by an authorized representative, and shall include a copy of the authorization (or a Power of Attorney). The corresponding substitution or modification of the Bid must accompany the respective written notice. All notices must be received by UNDP prior to the deadline for submission and submitted in accordance with ITB Clause 23

(except that withdrawal notices do not require copies). The respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION".

25.3 Bid requested to be withdrawn shall be returned unopened to the Bidders.

25.4 No Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bid and the expiration of the period of Bid validity specified by the Bidder on the Bid Submission Form or any extension thereof.

26. Bid Opening

UNDP will open the Bid in the presence of an ad-hoc committee formed by UNDP of at least two (2) members. If electronic submission is permitted, any specific electronic Bid opening procedures shall be as specified in the **Data Sheet** (DS no. 23).

The Bidders' names, modifications, withdrawals, the condition of the envelope labels/seals, the number of folders/files and all other such other details as UNDP may consider appropriate, will be announced at the opening. No Bid shall be rejected at the opening stage, except for late submission, for which the Bid shall be returned unopened to the Bidder.

27. Confidentiality

Information relating to the examination, evaluation, and comparison of Bid, and the recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process, even after publication of the contract award.

Any effort by a Bidder to influence UNDP in the examination, evaluation and comparison of the Bid or contract award decisions may, at UNDP's decision, result in the rejection of its Bid.

In the event that a Bidder is unsuccessful, the Bidder may seek a meeting with UNDP for a debriefing. The purpose of the debriefing is discussing the strengths and weaknesses of the Bidder's submission, in order to assist the Bidder in improving the bid presented to UNDP. The content of other bid and how they compare to the Bidder's submission shall not be discussed.

E. EVALUATION OF BID

28. Preliminary Examination of Bid

UNDP shall examine the Bid to determine whether they are complete with respect to minimum documentary requirements, whether the documents have been properly signed, whether or not the Bidder is in the UN Security Council 1267/1989 Committee's list of terrorists and terrorist financiers, and in UNDP's list of suspended and removed vendors, and whether the Bid are generally in order, among other indicators that may be used at this stage. UNDP may reject any Bid at this stage.

29. Evaluation of Bid

29.1 UNDP shall examine the Bid to confirm that all terms and conditions under the UNDP General Terms and Conditions and Special Conditions have been accepted by the Bidder

without any deviation or reservation.

29.2 The evaluation team shall review and evaluate the Bids on the basis of their responsiveness to the Schedule of Requirements and Technical Specifications and other documentation provided, applying the procedure indicated in the **Data Sheet** (DS No. 25). Absolutely no changes may be made by UNDP in the criteria after all Bids have been received.

29.1 UNDP reserves the right to undertake a post-qualification exercise, aimed at determining, to its satisfaction the validity of the information provided by the Bidder. Such post-qualification shall be fully documented and, among those that may be listed in the **Data Sheet** (DS No.33), may include, but need not be limited to, all or any combination of the following :

- a) Verification of accuracy, correctness and authenticity of the information provided by the bidder on the legal, technical and financial documents submitted;
- b) Validation of extent of compliance to the ITB requirements and evaluation criteria based on what has so far been found by the evaluation team;
- c) Inquiry and reference checking with Government entities with jurisdiction on the bidder, or any other entity that may have done business with the bidder;
- d) Inquiry and reference checking with other previous clients on the quality of performance on on-going or previous contracts completed;
- e) Physical inspection of the bidder's plant, factory, branches or other places where business transpires, with or without notice to the bidder;
- f) Testing and sampling of completed goods similar to the requirements of UNDP, where available; and
- g) Other means that UNDP may deem appropriate, at any stage within the selection process, prior to awarding the contract.

30. Clarification of Bid

To assist in the examination, evaluation and comparison of bids, UNDP may, at its discretion, ask any Bidder to clarify its Bid.

UNDP's request for clarification and the Bidder's response shall be in writing. Notwithstanding the written communication, no change in the prices or substance of the Bid shall be sought, offered, or permitted, except to provide clarification, and confirm the correction of any arithmetic errors discovered by UNDP in the evaluation of the Bid, in accordance with ITB Clause 35.

Any unsolicited clarification submitted by a Bidder in respect to its Bid, which is not a response to a request by UNDP, shall not be considered during the review and evaluation of the Bid.

31. Responsiveness of Bid

UNDP's determination of a Bid's responsiveness will be based on the contents of the Bid itself.

A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the ITB without material deviation, reservation, or omission.

If a Bid is not substantially responsive, it shall be rejected by UNDP and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.

32. Nonconformities, Reparable Errors and Omissions

32.3 Provided that a Bid is substantially responsive, UNDP may waive any non-conformities or omissions in the Bid that, in the opinion of UNDP, do not constitute a material deviation.

32.4 Provided that a Bid is substantially responsive, UNDP may request the Bidder to submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Bid related to documentation requirements. Such omission shall not be related to any aspect of the price of the Bid. Failure of the Bidder to comply with the request may result in the rejection of its Bid.

32.5 Provided that the Bid is substantially responsive, UNDP shall correct arithmetical errors as follows:

- a) if there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of UNDP there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;
- b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to the above.

32.6 If the Bidder does not accept the correction of errors made by UNDP, its Bid shall be rejected.

F. AWARD OF CONTRACT

33. Right to Accept, Reject, or Render Non-Responsive Any or All Bid

33.1 UNDP reserves the right to accept or reject any Bid, to render any or all of the Bids as non-responsive, and to reject all Bids at any time prior to award of contract, without incurring any liability, or obligation to inform the affected Bidder(s) of the grounds for UNDP's action. Furthermore, UNDP is not obligated to award the contract to the lowest price offer.

33.2 UNDP shall also verify, and immediately reject their respective Bid, if the Bidders are found to appear in the UN's Consolidated List of Individuals and Entities with Association to Terrorist Organizations, in the List of Vendors Suspended or Removed from the UN Secretariat Procurement Division Vendor Roster, the UN Ineligibility List, and other such lists that as may be established or recognized by UNDP policy on Vendor Sanctions. (See http://www.undp.org/content/undp/en/home/operations/procurement/procurement_protest/)

34. Award Criteria

Prior to expiration of the period of Bid validity, UNDP shall award the contract to the qualified and eligible Bidder that is found to be responsive to the requirements of the Schedule of Requirements and Technical Specification, and has offered the lowest price (See DS No. 32).

35. Right to Vary Requirements at the Time of Award

At the time of award of Contract, UNDP reserves the right to vary the quantity of the goods and/or related services, by up to a maximum twenty five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.

36. Contract Signature

Within fifteen (15) days from the date of receipt of the Contract, the successful Bidder shall sign and date the Contract and return it to UNDP.

Failure of the successful Bidder to comply with the requirement of ITB Section F.3 and this provision shall constitute sufficient grounds for the annulment of the award, and forfeiture of the Bid Security if any, and on which event, UNDP may award the Contract to the Bidder with the second highest rated Bid, or call for new Bid.

37. Performance Security

A performance security, if required, shall be provided in the amount and form provided in Section 9 and by the deadline indicated in the **Data Sheet** (DS no. 14), as applicable. Where a Performance Security will be required, the submission of the said document, and the confirmation of its acceptance by UNDP, shall be a condition for the effectivity of the Contract that will be signed by and between the successful Bidder and UNDP.

38. Bank Guarantee for Advanced Payment

Except when the interests of UNDP so require, it is the UNDP's preference to make no advanced payment(s) on contracts (i.e., payments without having received any outputs). In the event that the Bidder requires an advanced payment upon contract signature, and if such request is duly accepted by UNDP, and the said advanced payment exceeds 20% of the total Bid price, or exceed the amount of USD 30,000, UNDP shall require the Bidder to submit a Bank Guarantee in the same amount as the advanced payment. A bank guarantee for advanced payment shall be furnished in the form provided in Section 10.

39. Vendor Protest

UNDP's vendor protest procedure provides an opportunity for appeal to those persons or firms not awarded a purchase order or contract through a competitive procurement process. In the event that a Bidder believes that it was not treated fairly, the following link provides further details regarding UNDP vendor protest procedures:
<http://www.undp.org/procurement/protest.shtml>

Instructions to Bidders

DATA SHEET²

The following data for the supply of goods and related services shall complement / supplement the provisions in the Instruction to Bidders. In the case of a conflict between the Instruction to Bidders and the Data Sheet, the provisions in the Data Sheet shall prevail.

DS No.	Cross Ref. to Instructions	Data	Specific Instructions / Requirements
1		Project Title:	ITB/GLED/02/2018
2		Title of Services/Work Required:	Civil Construction Works. LOT 1- Construction of 2 Milk Collection Centers at Sampoor and Pattalipuram at Mutur Ds Division in Trincomalee District. LOT 2- Construction of Sea Access Road at Soodaikudah, Sampoor at Mutur Ds Division in Trincomalee District LOT 3- Construction of Seed Paddy Processing Centre at Munanpodivadai at Mutur Ds Division in Trincomalee District.
3		Country:	SRI LANKA
4		Minimum Qualifying Criteria (Clauses 9.1 & 9.2)	All items under this clause are required to be submitted by the bidders including:

² All DS number entries in the Data Sheet are cited as references in the Instructions to Bidders. All DS Nos. corresponding to a Data must not be modified. Only information on the 3rd column may be modified by the user. If the information does not apply, the 3rd column must state "n/a" but must not be deleted.

			<p>(a) Valid business registration certificate to trade as a construction firm</p> <p>(b) List and value of projects performed for the last 3 years with similar nature and complexity, plus client's contact details who may be contacted for further information on those contracts. A minimum number of 3 contracts, implemented over the past 3 years, of a similar nature and complexity must be executed by the contractor (to comply with this requirement, work cited should be at least 70 percent complete);</p> <p>(c) List and value of on-going projects with contact details of clients and current percentage completion of each ongoing project.</p> <p>(d) Total monetary value of construction works performed for each of the last five years. Average should be no less than required ICTAD grade financial limit. per year.</p> <p>(e) Independently audited financial accounts for the last two years in English. UNDP will check the financial accounts to compute the quick ratio (QR). Quick ratio tests the company's financial strength and liquidity by calculating a company's liquid assets in proportion to its liabilities.</p> <p>(f) If QR is less than 1; UNDP shall verify financial capacity of the bidder and had the authority to seek references from concerned parties & banks on the bidder's financial standing. UNDP had the right to reject any bid if submitted by a contractor whom investigation leads to a result that he is not financially capable and/or had serious financial problems.</p> <p>(g) Information regarding any litigation, current or during the last five years, in which the Bidder was/is involved, the parties concerned, and the disputed amounts and awards thereof.</p> <p>(h) CVs for key personal proposed for this project, as per minimum stated below</p>
4	C.13	Language of the Bid:	<input checked="" type="checkbox"/> English

5	C.20	Conditions for Submitting Bid for Parts or sub-parts of the Total Requirements	<input checked="" type="checkbox"/> Not allowed Partial Bids within each LOT is not permitted
6	C.20	Conditions for Submitting Alternative Bid	<input checked="" type="checkbox"/> Shall not be considered
7	C.22	A pre-Bid conference will be held on:	Time: 1400Hrs Date: 7/30/2018 Venue: UNDP Project Office, Planning Unit, District Secretariat, Trincomalee The UNDP focal point for the arrangement is: Mr. Kulasegaram Partheepan Address: UNDP Project Office, Planning Unit, District Secretariat, Trincomalee. Telephone: 0773261697 E-mail: kulasegaram.partheepan@undp.org
8	C.21.1	Period of Bid Validity commencing on the submission date.	<input checked="" type="checkbox"/> 120 days
9	B.9.5 C.15.4 b)	Bid Security	<input checked="" type="checkbox"/> Required Amount: LKR 40,000.00 for Lot 1 LKR 20,000.00 for Lot 2 LKR 80,000.00 for Lot 3 Form: Bank Guarantee
	B.9.5	Acceptable forms of Bid Security ³	<input checked="" type="checkbox"/> Bank Guarantee (See Section 8 for template)
11	B.9.5 C.15.4 a)	Validity of Bid Security	150 days from the last day of Bid submission. Bid Security of unsuccessful Bidders shall be returned.
12		Advanced Payment upon signing of contract	<input checked="" type="checkbox"/> Allowed up to a maximum of 20% of contract Advance bond guarantee from a bank is required for the full advance payment allowance ⁴
13		Liquidated Damages	<input checked="" type="checkbox"/> Will be imposed under the following conditions: Percentage of contract price per week of delay: 0.5% Max. no. of weeks of delay: 20 weeks

³ Surety bonds or other instruments issued by non-bank Financial Institutions are least preferred by UNDP. Unless stated otherwise, they shall be considered unacceptable to UNDP.

14	F.37	Performance Security Retention Bond	<input checked="" type="checkbox"/> Required Amount :10% of Bid Amount Form: Bank Guarantee <input checked="" type="checkbox"/> Required Amount; 5% of contract Amount Period: 12 months from contract completion
15	C.17 C.17.2	Preferred Currency of Bid and Method for Currency conversion	<input checked="" type="checkbox"/> Sri Lankan Rupees (LKR) <i>Reference date for determining UN Operational Exchange Rate 6th August 2018</i>
16	B.10.1	Deadline for submitting requests for clarifications/ questions	01 st August 2018
17	B.10.1	Contact Details for submitting clarifications/questions ⁵	Focal Person in UNDP: Mr. K. Partheepan Address: UNDP Project Office, Planning Unit, District Secretariat, Trincomalee Telephone: 0773261697 E-mail: kulasegaram.partheepan@undp.org
18	B.11.1	Manner of Disseminating Supplemental Information to the ITB and responses/clarifications to queries	<input checked="" type="checkbox"/> Direct communication to prospective Bidders by email
19	D.23.3	No. of copies of Bid that must be submitted	Original : 01 (ONE) Copies : 01 (ONE)
20	D.23.1 b) D.23.2 D.24	Bid submission address	Attention: Procurement & Admin Unit United Nations Development Programme 202-204 Bauddhaloka Mawatha Colombo 07 Sri Lanka
21	C.21.1 D.24	Deadline of Bid Submission	Date and Time : August 6, 2018 2:00 PM
22	D.23.2	Manner of Submitting Bid	<input checked="" type="checkbox"/> Courier/Hand Delivery
23	D.23.2 D.26	Conditions and Procedures for electronic submission and opening, if allowed	N/app
24	D.23.1 c)	Date, time and venue for opening of Bid	Date and Time: August 6, 2018 2:30 PM Venue : FAO conference Hall, 202-204 Bauddhaloka Mawatha, Colombo 07, Sri Lanka

⁵ This contact person and address is officially designated by UNDP. If inquiries are sent to other person/s or address/es, even if they are UNDP staff, UNDP shall have no obligation to respond nor can UNDP confirm that the query was officially received.

25		Evaluation method to be used in selecting the most responsive Bid	<input checked="" type="checkbox"/> Non-Discretionary “Pass/Fail” Criteria on the Technical Requirements; and <input checked="" type="checkbox"/> Lowest price offer of technically qualified/responsive Bid
26	C.15.1	<p>Required Documents that must be Submitted to Establish Qualification of Bidders (In “Certified True Copy” form only)</p> <p><i>[check all that apply, delete those that will not be required.]</i></p>	<input checked="" type="checkbox"/> Company Profile, which should <u>not</u> exceed fifteen (15) pages, including printed brochures and product catalogues relevant to the goods/services being procured <input checked="" type="checkbox"/> Members of the Governing Board and their Designations duly certified by the Corporate Secretary, or its equivalent document if Bidder is not a corporation <input checked="" type="checkbox"/> Tax Registration/Payment Certificate issued by the Internal Revenue Authority evidencing that the Bidder is updated with its tax payment obligations, or Certificate of Tax exemption, if any such privilege is enjoyed by the Bidder <input checked="" type="checkbox"/> Certificate of Registration of the business, including Articles of Incorporation, or equivalent document if Bidder is not a corporation <input checked="" type="checkbox"/> Quality Certificate (e.g., ISO, etc.) and/or other similar certificates, accreditations, awards and citations received by the Bidder, if any <input checked="" type="checkbox"/> Latest Audited Financial Statement (Income Statement and Balance Sheet) including Auditor’s Report for the past years; <i>[3 years]</i> <input checked="" type="checkbox"/> Evidences to have the adequate bank credit facilities. <input checked="" type="checkbox"/> Evidences to have the sufficient manpower competent to perform the project. <input checked="" type="checkbox"/> Evidences to have the required machineries to perform the project. <input checked="" type="checkbox"/> Statement of Satisfactory Performance from the Top 3 Clients in terms of Contract Value the past 3 years <input checked="" type="checkbox"/> List of Bank References (Name of Bank, Location, Contact Person and Contact Details)
27		Other documents that may be Submitted to Establish Eligibility	Copy of Valid/Updated ICTAD Registration
28	C.15	Structure of the Technical Bid and List of Documents to be Submitted	<i>N/app</i>
29	C.15.2	Latest Expected date for commencement of Contract	<i>August 20, 2018</i>
30	C.15.2	Maximum Expected duration of contract	LOT 1- 3 months LOT 2- 3 months

			LOT 3- 4 months
31		UNDP will award the contract to:	One or more Bidders, depending on the following factors: <i>[Each LOT can be separately awarded or multiple LOT s per bidder or all LOTs to one bidder depending on technical compliance, ICTAD qualifications and capacity]</i>
32	F.34	Criteria for the Award and Evaluation of Bid	<p><u>Award Criteria</u></p> <p><input checked="" type="checkbox"/> Non-discretionary “Pass” or “Fail” rating on the detailed contents of the Schedule of Requirements and Technical Specifications</p> <p><input checked="" type="checkbox"/> Compliance on the following qualification requirements :</p> <p><input checked="" type="checkbox"/> In a scenario where a Bidder is lowest in more than one Lot but does not have capacity to execute multiple Lots UNDP shall use the following award criteria:</p> <p>a) Overall least price combination across Lots to UNDP based on different combinations of award.</p> <p>b) Preference to award a Lot to a bidder in the event that there may not be other technically responsive bids for that Lot to ensure there is coverage for all Lots;</p> <p>c) Irrespective of determined capacity to undertake more than one lot, UNDP may decide at its discretion to award Lots to different bidders to reduce risk of delivery.</p> <p><u>Bid Evaluation Criteria⁶</u></p> <p><input checked="" type="checkbox"/> Minimum no. of years of experience: <i>[03 years];</i></p> <p><input checked="" type="checkbox"/> Minimum no. of construction projects in similar nature undertaken within last Five years: <i>[03 projects];</i></p> <p><input checked="" type="checkbox"/> Minimum no. of construction projects in similar money volume of undertaken within last five years: <i>[02 projects];</i></p> <p><input checked="" type="checkbox"/> Full compliance of Bid to the Technical Requirements;</p>
33	E.29	Post qualification Actions	<p><input checked="" type="checkbox"/> Verification of accuracy, correctness and authenticity of the information provided by the bidder on the legal, technical and financial documents submitted;</p> <p><input checked="" type="checkbox"/> Validation of extent of compliance to the ITB requirements and evaluation criteria based on what has so far been found by the evaluation</p>

⁶ Pls. reconcile and ensure consistency with the contents of the Technical Specifications

			team; <input checked="" type="checkbox"/> Inquiry and reference checking with Government entities with jurisdiction on the bidder, or any other entity that may have done business with the bidder; <input checked="" type="checkbox"/> Inquiry and reference checking with other previous clients on the quality of performance on ongoing or previous contracts completed; <input checked="" type="checkbox"/> Physical inspection of the bidder's plant, factory, branches or other places where business transpires, with or without notice to the bidder; <input type="checkbox"/> Testing and sampling of completed goods similar to the requirements of UNDP, where available; and <input type="checkbox"/> Others <i>[click here to specify]</i>
34		Conditions for Determining Contract Effectively	<input checked="" type="checkbox"/> UNDP's receipt of Performance Bond
35		Other Information Related to the ITB ⁷	Required ICTAD Grading LOT 1-C7 Building Construction LOT 2-C8 Road/Highway Construction LOT 3-C7 Building construction

Section 3a: Schedule of Requirements and Technical Specifications

* please refer to the respective a) Tender BOQ b) Scope of works and c) Pricing preambles

⁷ Where the information is available in the web, a URL for the information may simply be provided.

Section 4: Bid Submission Form⁸

(This should be written in the Letterhead of the Bidder. Except for indicated fields, no changes may be made in this template.)

Sri Lanka
7/18/2018

To: Head of Procurement

Dear Sir/Madam:

We, the undersigned, hereby offer to supply the goods and related services required for **[insert: title of goods and services required as per ITB]** in accordance with your Invitation to Bid dated **[insert: bid date]**. We are hereby submitting our Bid, which includes the Technical Bid and Price Schedule.

We hereby declare that:

- a) All the information and statements made in this Bid are true and we accept that any misrepresentation contained in it may lead to our disqualification;
- b) We are currently not on the removed or suspended vendor list of the UN or other such lists of other UN agencies, nor are we associated with, any company or individual appearing on the 1267/1989 list of the UN Security Council;
- c) We have no outstanding bankruptcy or pending litigation or any legal action that could impair our operation as a going concern; and
- d) We do not employ, nor anticipate employing, any person who is or was recently employed by the UN or UNDP.

We confirm that we have read, understood and hereby fully accept the Schedule of Requirements and Technical Specifications describing the duties and responsibilities required of us in this ITB, and the General Terms and Conditions of UNDP's Standard Contract for this ITB.

We agree to abide by this Bid for **[insert: period of validity as indicated in Data Sheet]**.

We undertake, if our Bid is accepted, to initiate the supply of goods and provision of related services not later than the date indicated in the Data Sheet.

We fully understand and recognize that UNDP is not bound to accept this Bid that we shall bear all costs associated with its preparation and submission, and that UNDP will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the evaluation.

We remain,

⁸ No deletion or modification may be made in this form. Any such deletion or modification may lead to the rejection of the Bid.

Yours sincerely,

Authorized Signature *[In full and initials]*: _____

Name and Title of Signatory: _____

Name of Firm: _____

Contact Details: _____

[please mark this letter with your corporate seal, if available]

Section 5: Documents Establishing the Eligibility and Qualifications of the Bidder

Bidder Information Form⁹

Date: *[insert date (as day, month and year) of Bid Submission]*

ITB No.: *[insert number of bidding process]*

Page _____ of _____ pages

1. Bidder's Legal Name <i>[insert Bidder's legal name]</i>		
2. In case of Joint Venture (JV), legal name of each party: <i>[insert legal name of each party in JV]</i>		
3. Actual or intended Country/ies of Registration/Operation: <i>[insert actual or intended Country of Registration]</i>		
4. Year of Registration in its Location: <i>[insert Bidder's year of registration]</i>		
5. Countries of Operation	6. No. of staff in each Country	7. Years of Operation in each Country
8. Legal Address/es in Country/ies of Registration/Operation: <i>[insert Bidder's legal address in country of registration]</i>		
9. Value and Description of Top three (3) Biggest Contract for the past five (5) years		
10. Latest Credit Rating (Score and Source, if any)		
11. Brief description of litigation history (disputes, arbitration, claims, etc.), indicating current status and outcomes, if already resolved.		
12. Bidder's Authorized Representative Information Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>		
13. Are you in the UNPD List 1267.1989 or UN Ineligibility List ? <input type="checkbox"/> YES or <input type="checkbox"/> NO		
14. Attached are copies of original documents of: <input type="checkbox"/> All eligibility document requirements listed in the Data Sheet <input type="checkbox"/> If Joint Venture/Consortium – copy of the Memorandum of Understanding/Agreement or Letter of Intent to form a JV/Consortium, or Registration of JV/Consortium, if registered <input type="checkbox"/> If case of Government corporation or Government-owned/controlled entity, documents establishing legal and financial autonomy and compliance with commercial law.		

⁹ The Bidder shall fill in this Form in accordance with the instructions. Apart from providing additional information, no alterations to its format shall be permitted and no substitutions shall be accepted.

Joint Venture Partner Information Form (if Registered)¹⁰

Date: *[insert date (as day, month and year) of Bid Submission]*

ITB No.: *[insert number of bidding process]*

Page _____ of _____ pages

1. Bidder's Legal Name: <i>[insert Bidder's legal name]</i>		
2. JV's Party legal name: <i>[insert JV's Party legal name]</i>		
3. JV's Party Country of Registration: <i>[insert JV's Party country of registration]</i>		
4. Year of Registration: <i>[insert Party's year of registration]</i>		
5. Countries of Operation	6. No. of staff in each Country	7. Years of Operation in each Country
8. Legal Address/es in Country/ies of Registration/Operation: <i>[insert Party's legal address in country of registration]</i>		
9. Value and Description of Top three (3) Biggest Contract for the past five (5) years		
10. Latest Credit Rating (if any): Click here to enter text.		
1. Brief description of litigation history (disputes, arbitration, claims, etc.), indicating current status and outcomes, if already resolved. Click here to enter text.		
13. JV's Party Authorized Representative Information Name: <i>[insert name of JV's Party authorized representative]</i> Address: <i>[insert address of JV's Party authorized representative]</i> Telephone/Fax numbers: <i>[insert telephone/fax numbers of JV's Party authorized representative]</i> Email Address: <i>[insert email address of JV's Party authorized representative]</i>		
14. Attached are copies of original documents of: <i>[check the box(es) of the attached original documents]</i> <input type="checkbox"/> All eligibility document requirements listed in the Data Sheet <input type="checkbox"/> Articles of Incorporation or Registration of firm named in 2. <input type="checkbox"/> In case of government owned entity, documents establishing legal and financial autonomy and compliance with commercial law.		

¹⁰ The Bidder shall fill in this Form in accordance with the instructions. Apart from providing additional information, No alterations to its format shall be permitted and no substitutions shall be accepted.

Section 6: Technical Bid Form¹¹

INSERT TITLE OF THE ITB

Name of Bidding Organization / Firm:	
Country of Registration:	
Name of Contact Person for this Bid:	
Address:	
Phone / Fax:	
Email:	

SECTION 1: EXPERTISE OF FIRM/ ORGANISATION

This section should fully explain the Bidder's resources in terms of personnel and facilities necessary for the performance of this requirement.

1.1 Brief Description of Bidder as an Entity: Provide a brief description of the organization / firm submitting the Bid, its legal mandates/authorized business activities, the year and country of incorporation, and approximate annual budget, etc. Include reference to reputation, or any history of litigation and arbitration in which the organisation / firm has been involved that could adversely affect or impact the delivery of goods and/or performance of related services, indicating the status/result of such litigation/arbitration.

1.2. Financial Capacity: Based on the latest Audited Financial Statement (Income Statement and Balance Sheet) describe the financial capacity (liquidity, stand-by credit lines, etc.) of the bidder to engage into the contract. Include any indication of credit rating, industry rating, etc.

1.3. Track Record and Experiences: Provide the following information regarding corporate experience within at least the last five (5) years which are related or relevant to those required for this Contract.

Name of project	Client	Contract Value	Period of activity	Types of activities undertaken	Status or Date Completed	References Contact Details (Name, Phone, Email)

SECTION 2 - SCOPE OF SUPPLY, TECHNICAL SPECIFICATIONS, AND RELATED SERVICES

This section should demonstrate the Bidder's responsiveness to the specification by identifying the specific components proposed, addressing the requirements, as specified, point by point; providing a detailed description of the essential performance characteristics proposed; and demonstrating how the proposed bid meets or exceeds the specifications.

¹¹ Technical Bids not submitted in this format may be rejected.

2.1. Scope of Supply: Please provide a detailed description of the goods to be supplied, indicating clearly how they comply with the technical specifications required by the ITB (see below table); describe how the organisation/firm will supply the goods and any related services, keeping in mind the appropriateness to local conditions and project environment.

Item No.	Description/ Specification of Goods	Source/ Manufacturer	Country of Origin	Qty	Quality Certificate/ Export Licences, etc. (indicate all that applies and if attached)

A supporting document with full details may be annexed to this section

2.2. Technical Quality Assurance Mechanisms: The bid shall also include details of the Bidder's internal technical and quality assurance review mechanisms, all the appropriate quality certificates, export licenses and other documents attesting to the superiority of the quality of the goods and technologies to be supplied.

2.3. Reporting and Monitoring: Please provide a brief description of the mechanisms proposed for this project for reporting to the UNDP and partners, including a reporting schedule.

2.4. Subcontracting: Explain whether any work would be subcontracted, to whom, how much percentage of the work, the rationale for such, and the roles of the proposed sub-contractors. Special attention should be given to providing a clear picture of the role of each entity and how everyone will function as a team.

2.5. Risks / Mitigation Measures: Please describe the potential risks for the implementation of this project that may impact achievement and timely completion of expected results as well as their quality. Describe measures that will be put in place to mitigate these risks.

2.6 Implementation Timelines: The Bidder shall submit a Gantt Chart or Project Schedule indicating the detailed sequence of activities that will be undertaken and their corresponding timing.

2.7. Partnerships (Optional): Explain any partnerships with local, international or other organizations that are planned for the implementation of the project. Special attention should be given to providing a clear picture of the role of each entity and how everyone will function as a team. Letters of commitment from partners and an indication of whether some or all have successfully worked together on other previous projects is encouraged.

2.8. Anti-Corruption Strategy (Optional): Define the anti-corruption strategy that will be applied in this project to prevent the misuse of funds. Describe the financial controls that will be put in place.

2.9 Statement of Full Disclosure: This is intended to disclose any potential conflict in accordance with the definition of "conflict" under Section 4 of this document, if any.

2.10 Other: Any other comments or information regarding the bid and its implementation.

SECTION 3: PERSONNEL

3.1 Management Structure: Describe the overall management approach toward planning and implementing the contract. Include an organization chart for the management of the contract, if awarded.

3.2 Staff Time Allocation: Provide a spreadsheet will be included to show the activities of each personnel involved in the implementation of the contract. Where the expertise of the personnel is critical to the success of the contract, UNDP will not allow substitution of personnel whose qualifications had been reviewed and accepted during the bid evaluation. (If substitution of such a personnel is unavoidable, substitution or replacement will be subject to the approval of UNDP. No increase in costs will be considered as a result of any substitution).

3.3 Qualifications of Key Personnel. Provide the CVs for key personnel (Team Leader, Managerial and general staff) that will be provided to support the implementation of this project. CVs should demonstrate qualifications in area of expertise relevant to the Contract. Please use the format below:

Name:		
Role in Contract Implementation:		
Nationality:		
Contact information:		
Countries of Relevant Work Experience:		
Language Skills:		
Education and other Qualifications:		
Summary of Experience: <i>Highlight experience in the region and on similar projects.</i>		
Relevant Experience (From most recent):		
Period: From – To	Name of activity/ Project/ funding organisation, if applicable:	Job Title and Activities undertaken/Description of actual role performed:
<i>e.g. June 2010-January 2011</i>		
<i>Etc.</i>		
<i>Etc.</i>		
References (minimum of 3):	<i>Name</i> <i>Designation</i> <i>Organization</i> <i>Contact Information – Address; Phone; Email; etc.</i>	
Declaration: I confirm my intention to serve in the stated position and present availability to serve for the term of the proposed contract. I also understand that any wilful misstatement described above may lead to my disqualification, before or during my engagement. <hr style="width: 50%; margin-left: 0;"/> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Signature of the Nominated Team Leader/Member Date Signed </div>		

Section 7: Price Schedule Form¹²

The Bidder is required to prepare the Price Schedule as indicated in the Instruction to Bidders.

Kindly refer to the BOQ of respective LOT.

Section 8: FORM FOR BID SECURITY

***(This must be finalized using the official letterhead of the Issuing Bank.
Except for indicated fields, no changes may be made in this template.)***

To: **UNDP Resident Representative**
202-204, Bauddhaloka Mawatha, Colombo 07.

WHEREAS [name and address of Contractor] (hereinafter called “the Bidder”) has submitted a Bid to UNDP dated [Click here to enter a date.](#) , to deliver goods and execute related services for [indicate ITB title] (hereinafter called “the Bid”):

AND WHEREAS it has been stipulated by you that the Bidder shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security in the event that the Bidder:

- a) Fails to sign the Contract after UNDP has awarded it;
- b) Withdraws its Bid after the date of the opening of the Bid;
- c) Fails to comply with UNDP’s variation of requirement, as per ITB Section F.35; or
- d) Fails to furnish Performance Security, insurances, or other documents that UNDP may require as a condition to rendering the contract effective.

AND WHEREAS we have agreed to give the Bidder such this Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Bidder, up to a total of [amount of guarantee] [in words and numbers], such sum being payable in the types and proportions of currencies in which the Price Bid is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of [amount of guarantee as aforesaid] without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

This guarantee shall be valid until 30 days after the date of validity of the bids.

¹² No deletion or modification may be made in this form. Any such deletion or modification may lead to the rejection of the Bid.

SIGNATURE AND SEAL OF THE GUARANTOR BANK

Date

Name of Bank

Address

Section 9: FORM FOR PERFORMANCE SECURITY¹³

***(This must be finalized using the official letterhead of the Issuing Bank.
Except for indicated fields, no changes may be made in this template.)***

To: UNDP Resident Representative
202-204, Bauddhaloka Mawatha, Colombo 07.

WHEREAS [*name and address of Contractor*] (hereinafter called “the Contractor”) has undertaken, in pursuance of Contract No. Click to enter dated Click to enter , to deliver the goods and execute related services [Click here to enter text](#). (hereinafter called “the Contract”):

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract:

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee:

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of [*amount of guarantee*] [*in words and numbers*], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of [*amount of guarantee as aforesaid*] without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

This guarantee shall be valid until a date 30 days from the date of issue by UNDP of a certificate of satisfactory performance and full completion of services by the Contractor.

SIGNATURE AND SEAL OF THE GUARANTOR BANK

Date

Name of Bank

Address

¹³ If the RFP requires the submission of a Performance Security, which shall be made a condition to the signing and effectivity of the contract, the Performance Security that the Bidder's Bank will issue shall use the contents of this template

Section 11: Contract

PLEASE ATTACH HERETO THE SAMPLE OF THE CONTRACT WHICH WILL BE USED AND THE GENERAL TERMS AND CONDITIONS FOR CIVIL WORK IS AVAILABLE TO DOWNLOAD FROM WWW.LK.UNDP.ORG > OPERATIONS > PROCUREMENT.



*Empowered lives.
Resilient nations.*

CONTRACT FOR CIVIL WORKS

Date: [Click here to enter text.](#)

Dear Sir/Madam,

Contract NO.

Ref.: (Project Name & No) [Click here to enter text.](#)

The United Nations Development Programme (hereinafter referred to as "UNDP"), wishes to engage your company, [Click here to enter text.](#) duly incorporated under the Laws of Sri Lanka (hereinafter referred to as the "Contractor") in order to perform [Click here to enter text.](#) (hereinafter referred to as the "Works"), in accordance with the following Contract:

1. Contract Documents

- 1.1 This Contract is subject to the UNDP General Conditions for Civil Works available at (www.lk.undp.org > Operations > procurement). The provisions of such Annex shall control the interpretation of this Contract and in no way shall be deemed to have been derogated by the contents of this letter and any other Annexes, unless otherwise expressly stated under section 4 of this letter, entitled "Special Conditions".
- 1.2 The Contractor and UNDP also agree to be bound by the provisions contained in the following documents, which shall take precedence over one another in case of conflict in the following order:
 - a) this letter;

- b) the Technical Specifications and Drawings [Click here to enter text.](#), attached hereto as Annex II;
- c) the Contractor's Tender [Click here to enter text.](#) only, not attached hereto but known to and in the possession of both parties.

- 1.3 All the above shall form the Contract between the Contractor and UNDP, superseding the contents of any other negotiations and/or agreements, whether oral or in writing, pertaining to the subject of this Contract.

2. Obligations of the Contractor

- 2.1 The Contractor shall commence work within [Click here to enter text.](#) days from the date on which he shall have been given access to the Site and received the notice to commence from the Engineer, and shall perform and substantially complete the Works by [Click here to enter text.](#), in accordance with the Contract. The Contractor shall provide all materials, supplies, labour and other services necessary to that end.
- 2.2 The Contractor shall submit to the Engineer the Programme of Work referred to in Clause 13 of the General Conditions by [Click here to enter text.](#).
- 2.3 The Contractor represents and warrants the accuracy of any information or data provided to UNDP for the purpose of entering into this Contract, as well as the quality of the Works foreseen under this Contract in accordance with the highest industrial and professional standards.

3. Price and Payment

- 3.1 In full consideration of the complete and satisfactory performance of the Works under this Contract, UNDP shall pay the Contractor an amount not exceeding contract price of **LKR** equal to **LKR** [Click here to enter text.](#) net volume of works, plus **LKR** [Click here to enter text.](#) for VAT as and if applicable within the framework of Annex I.
- 3.2 The price of this Contract is not subject to any adjustment or revision because of currency fluctuations during the performance of the Contract.
- 3.3 Invoices shall be submitted by the Contractor to the Engineer upon achievement of the corresponding milestones and the UNDP payments will be effected on a measure and pay basis on submission of certified invoices in keeping with the price stipulated in the contractor's offer document. Each invoice shall detail the net volume of works billed and applicable VAT separately.

MILESTONE

3.3.1. Payments shall be made on measure and pay basis for the following activities upon submission of invoices for progress payments of the activities (Amounts given here are VAT Excluded amounts in LKR). Such invoices for progress payments shall not be less than 20% of the total contract value or the following activities upon completion of the activities (Amounts given here are VAT Excluded amounts in LKR)

3.3.2 Final payment shall be made upon completion of Works, and submission of Retention bond

3.4 UNDP shall effect payment of the invoices after receipt of the certificate of payment issued by the Engineer, approving the amount contained in the invoice. The Engineer may make corrections to that amount, in which case UNDP may effect payment for the amount so corrected. The Engineer may also withhold invoices if the work is not performed at any time in accordance with the terms of the Contract or if the necessary insurance policies or performance security are not valid and/or in order. The Engineer shall process the invoices submitted by the Contractor within [Click here to enter text.](#) of their receipt.

3.5 Payments effected by UNDP to the Contractor shall be deemed neither to relieve the Contractor of its obligations under this Contract nor as acceptance by UNDP of the Contractor's performance of the Works.

3.6 Payment of the final invoice shall be effected by UNDP after issuance of the Certificate of Final Completion by the Engineer.

4. **Special conditions**

4.1 UNDP will pay an advance payment which is [Click here to enter text.](#) upon signature of this contract by both parties and submission of an advance bond by the contractor for the full amount of the advance payment.

4.2 The amounts of the payments referred to under section 3.6 above shall be subject to a deduction of [Click here to enter text.](#)% ([Click here to enter text.](#)) of the amount accepted for payment until the cumulative amount of the deductions so effected shall equal the amount of the advance payment. Should the cumulative amount of the deductions so made be lower than the amount of the advance payment after the date of substantial completion of the Works, UNDP may deduct the amount equal to the difference between the advance payment and the cumulative deductions from the payments due after substantial completion or may recover such amount from the bank guarantee referred to in 4.1 above. The amount of the payments referred to under paragraph 3.3 above shall be subject to a deduction of 10% of the amount accepted for payment as Security Deposit (retention amount) from all progressive payments of contract sum subject to a limit of 5% of the Final Net Contract Sum which will be refundable back to the contractor only after the defects liability period of 4 (four) months and the issuance of final certificate.

- 4.3 The Performance BOND referred to in Clause 10 of the General Conditions shall be submitted by the Contractor for an amount of **LKR** .
- 4.4 The Contractor may submit invoices for materials and plant stored at the Site, provided they are necessary and adequate for the performance of the Works and they are protected from weather conditions and duly insured as per the instructions of the Engineer.
- 4.5 The liability insurance referred to in Clause 23 of the General Conditions shall be taken out by the Contractor for an amount of **LKR** .
- 4.6 According to Clause 45 of the General Conditions, the liquidated damages for delay shall be **0.5%** of the net price of the Contract per week of delay, up to a maximum of 10% of the final net value of the Contract.

5. Submission of invoices

- 5.1 One original and one copy of every invoice shall be submitted by mail by the Contractor for each payment under the Contract to the Engineer's address specified in clause 8.2.
- 5.2 Invoices submitted by fax shall not be accepted by UNDP.

6. Time and manner of payment

- 6.1 Invoices shall be paid within thirty (30) days of the date of their receipt and acceptance by UNDP.
- 6.2 All payments shall be made by UNDP to the following Bank account of the Contractor:

Contractor's Bank Details

7. Modifications

- 7.1 Any modification to this Contract shall require an amendment in writing between both parties duly signed by the authorized representatives of the Contractor and UNDP.

8. Notifications

- 8.1 For the purpose of notifications under the Contract, the addresses of UNDP and the Contractor are as follows:

For the UNDP:

[Click here to enter text.](#)

For the Contractor:

[Click here to enter text.](#)

- 8.2 For the purposes of communications with regard to the implementation, the address of

the Officer shall be as follows:

[Click here to enter text.](#)

If the above terms and conditions meet with your agreement as typed in this letter and in the Contract Documents, please initial every page of this letter and its attachments and return to this office one original of this Contract, duly signed and dated.

Yours sincerely,

[Click here to enter text.](#)

For the Company/Organization

Agreed and Accepted:

Signature: _____

Name: _____

Title: _____

Date: _____

SCOPE OF WORK

Support to production and Processing of Quality Seed Paddy

CONSTRUCTION OF SEED PROSSING CENTRE WITH STORAGE AND DRY PAD

Agriculture is the main source of income for nearly 55% of the population in the District. Seeds and planting materials are the basic element of crop production. High quality seeds and planting materials always ensure better crop performance. Availability of quality seeds and planting materials is very low in Trincomalee compared to other parts of the country. The Department of Agriculture (Seeds and Planting Materials Development) has a seed farm in Kanthalai and it is functioning in low profile. Considering the seed paddy requirement of the District the seed farm only contributes nearly 10% and the rest is met by private companies such as CIC and Hayleys. Due to the shortage of seeds, paddy farmers are using their own stocks as seed paddy while it is considered as non certified seeds. The use of non certified seeds causes a yield reduction and crop damage. Having understood the importance of quality seeds and planting materials in restoring divested agriculture-based livelihoods, After the re settlement the Seed growers Association and Department of Agriculture had taken steps to reactivate the processing center with new machineries and buildings.

The proposed intervention will provide the following:

The intervention will focus on both Primary Producers (member farmers) and the Society as a Producer Organization. It is expected that Department of Agriculture could support the quality seed production through the formalized contract growing system, provision of seed, provide training for farmers and exposure and their extension services. UNDP's intervention would target the Society as a Producer Organization to enable the processing capacity through the provision of a seed processing centre, required machineries, tools and equipment, training on processing and business development and market linkages support.

1. Topography of Sites

Since the project sites are located in Trinco- Batticaloa Main road (A15), access to these areas will not be difficult. However, the contractor should pay particular attention when using heavy construction machineries; depending on the case the supplier may be required to obtain prior approval from the relevant authorities before using such equipment.

Furthermore, the Contractor has to make special considerations on the site conditions such as "Filled ground" & "ground water conditions", and also on any possible Environmental pollution due to construction activities. In any such situation, the contractor must follow the Local authority/ Environmental Authority standards.

The soil type is sandy and may not encounter rocks. The land may need a little filling. The elevation of the site is around 3m from mean sea level. Water table is around 05-15 feet and is predominantly affected by the rain. The access road, transport and electricity and water are available at the site

.

2. Bill of Quantities/Technical Specifications

The Contractor shall adhere to the standard UNDP/ICTAD technical specification for Building Construction/Civil engineering construction and the contractor should have a minimum of MS or C6 level of ICTAD registration in road construction.

The bill of Quantities is attached

3. Construction Design Drawings

The Design Drawing are attached

4. Site plans/Locations

The site plan with exact location of project site marked is attached

5. Period of Implementation

Four (4) months will be given to implement the project from the date of sign the contract

Governance for Local Economic Development Programme

BOQ-SUMMARY SHEET

PROJECT TITLE	CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNANPODIVADAI
PROJECT LOCATION	MUNANPODIVADAI
DISTRICT	TRINCOMALEE

BILL NO.	DESCRIPTION	SUB TOTAL (SLRS)	TOTAL OF PRO SUM (SLRS)
1	PRELIMINARIES		
2	CONSTRUCTION OF BUILDING		
3	CONSTRUCTION OF WATER TANK		
2	EXTERNAL SERVICES		
Sub Total 1 (Total of 2 to 4) (without add pro sum)			
	Ddt - Discount% (if any) for Sub Total 1		
Sub Total 2 (Pro sum of 1+2+3+ Sub Total 1-Discount)			
	10% of Physical Contingencies of Sub Total 2		
Estimated Amount (Sub Total 2+10% Contingencies)			
Estimated Amount (without VAT)			

Bid Amount in Words (excluding VAT) : SLRs.

.....

VAT Registration No (if available)

Signature and seal :

Name of Bidder :

Address :

Date :

* Note: The services produced by UNDP are exempted of all taxes. As such the quoted price is to be exclusive of VAT

CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNANPODIVADAI				
PRICED BILLS OF QUANTITIES				
BILL NO. 01- PRELIMINARIES				
ITEM	DESCRIPTION	QTY	UNIT	Amount (Rs.)
A	PRELIMINARIES			
A.1	Provisional Sum for providing a Performance Security	Allow	Pro. Sum	20,000.00
A.2	Provisional Sum for Insurance of Works, Machinery & Equipment, Plant, Materials, third party persons & property and Employer's personnel & property at site as per contract	Allow	Pro. Sum	18,000.00
A.3	Provisional Sum for Insurance against accidents and injury to Contractor's personnel as per the contract	Allow	Pro. Sum	18,000.00
A.4	Allow for site office for consultant - staff including necessary furniture, electricity, water & sanitary facilities to the approval of Engineer.	Allow	Sum	
A.5	Allow for providing and maintaining a first aid box and regular supply of medicine, linen etc.	Allow	Sum	
A.6	Allow for setting out of Works in accordance with drawings and other written information given by the Engineer.	Allow	Sum	
A.7	Provisional Sum for all cost in connection with preparing samples for testing, making arrangements for testing of materials, goods etc., as stipulated in the specification, obtaining test reports and submitting the same to the	Allow	Pro. Sum	15,000.00
A.8	Allow for provision of 3 sets of (hard copies and soft copies) As-Built drawings & maintenance manuals of all services for Engineer's approval.	Allow	Sum	
A.9	Allow for providing all necessary safety measures to workmen at site such as helmets, gloves, safety masks, dust masks, eye goggles, boots etc. conforming to the latest industrial safety regulations and as directed by the Engineer.	Allow	Sum	
A.10	Supplying and fixing Name board 1.2m x 0.9m in dimension with 2nos 32mm dia G.I pipe to the approval of Engineer.	Allow	Sum	
	TOTAL FOR PRELIMINARIES CARRIED TO SUMMARY			

CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNANPODIVADAI					
PRICED BILLS OF QUANTITIES					
BILL NO. 02- CONSTRUCTION OF BUILDING					
ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
B	<u>EXCAVATION & EARTH WORK</u>				
	The Bidders are requested to refer the General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special Conditions of Contract and all other relevant documents prior to pricing of the following items.	Note			
	Rates shall include for any working space as required by the contractor.	Note			
	Dewatering has not been measured separately. (Rate shall include for cost of dewatering if necessary)	Note			
	The bidder shall submit the following information together with their quote.	Note			
	(a) Method of excavation.				
	(b) Equipment with details of capacities proposed for excavation and removal of earth.				
	(c) Method of dewatering				
	(d) Details of temporary work				
	(e) Method of earth work support.				
	The bidder is requested to check ground water level and soil investigation report, limitation of transport, limitation of site, conditions of the existing road for possibility of transportation of heavy equipment etc., prior to pricing this section of work	Note			
	The contractor shall arrange and obtain necessary permission from authorities for disposal and dumping of earth.	Note			
	Rates shall include for removal and disposal of any obstructions, such as artificial structure and rock boulders etc. during excavation if encountered.	Note			
	<u>Earthwork Support</u>				
	Rate to include the cost of Earth work supporting system to be carried out only on the instruction of the engineer depending on the nature of the soil.	Note			
	The contractor shall design and carry out the most suitable earthwork support system capable of achieving the specified technical requirement and in consideration of ground water level, soil condition, other buildings and structures situated close to the site. The Tenderer shall submit his proposal in detail with necessary calculations, method, type of equipment/plant, propose to use and shop drawings etc., along with the bid for the approval of the Engineer.	Note			
	Rates for excavation shall include for :	Note			
	All necessary shoring, strutting, etc. and removal after completion of work.				
	Stabilisation of excavated surfaces, if required.				
	All working space required, including for planking, strutting, formwork etc.				
	Bulking after excavation and disposal of excavated material as directed.				
	Backfilling with approved material to required levels and surfaces, consolidating and ramming by an approved method for over excavation.				
	Dewatering, if required.				
	Measurement for payment for excavation shall be for the net contact volumes upto the concrete surface.				

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
B.1	Clearing site vegetation including compacting and disposal of all surplus excavated material away from the site as directed. (contractor shall visit the site & assert the actual work involve)	Item	1.00		
B.2	Excavation in ordinary soil for column and wall foundation footing not exceeding 1500mm deep from existing ground level except rock requiring blasting. Rate shall include for compacting the bottom of excavation, part return fill to excavation and rammed, surplus disposed off site as directed	m3	28.00		
B.3	Approved imported hard earth (Gravel) filling including levelling, watering and compacting in 150mm layers between foundation of walls upto DPC level with 98% compaction. (Measured compacted volume)	m3	95.00		
B.4	Approved imported hard earth (Gravel) filling including levelling, watering and compacting in 150mm layers around the building with 98% compaction. (Measured compacted volume)	m3	45.00		
B.5	Approved available hard earth filling including levelling, watering and compacting in 150mm layers between foundation of walls upto DPC level with 98% compaction. (Measured compacted volume)	m3	10.00		
B.6	Approved quality Anti Termite Treatment in compacted soil or I necessary as directed. (10 years warranty should be submitted from recognized approved Institute)	m2	182.50		
TOTAL FOR EXCAVATION & EARTH WORK CARRIED TO SUMMARY					
C	CONCRETE WORK				
	The bidders are requested to refer General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special Conditions of Contract and all other relevant documents prior to pricing of the following items.	Note			
	All Concrete Works shall comply to the specifications, filled into formwork and well packed around reinforcement.	Note			
	All concrete works shall be 1:2:4 (19mm) concrete unless otherwise specified and as per drawings and specifications. Metal to be used shall be granite comply to the specification	Note			
	Contractor shall not cause any damage direct or consequential to the new structure during carrying out the work detailed in "Concrete Work" Section and he shall at his own expense,make good any damage caused to them, arising directly and/or indirectly out of his fault and/or negligence and/or failure to take precautionary measures to avoid such damage	Note			
	Rate for concreting columns, walls shall include for kickers and cover blocks.	Note			
	Measurement of Slabs & Walls				
	Slab concrete include that part of beam to a depth of largest adjacent slab thickness.	Note			
	Concrete work related to Ramps has been measured separately and slopes have not been indicated. Slopes shall be as shown in the drawings.	Note			
	Contractor shall ensure that all contacting surfaces including reinforcement dowels left out for bonding purposes is free from any organic or artificial material which can be a hindrance to achieve specified properties in the Drawings and Specifications	Note			

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
	Rates for lean concrete shall include for preparation of bottom of excavation prior to pouring of lean concrete.	Note			
	Contractor shall ensure that the top of the lean concrete layer shall be finished semi rough for waterproofing layer. Rate for lean concrete shall include for waterproofing layer unless measured separately.	Note			
	Rates for formwork shall include for control joints, isolation joints wherever specified and required according to the drawings and specifications.	Note			
	Rate for concrete shall include for construction- .-joint , isolation joint, expansion joint,with dowel bars, end cap and compressible filler with sealant on top as per drawing.	Note			
	Rates for concrete shall include all necessary tests by an Authority acceptable to the Engineer.	Note			
	Rates for concrete shall include all necessary equipments which are required for concreting.	Note			
	Unless otherwise stated all concrete shall be of grade as per Specifications	Note			
	Rates for concrete shall include for construction joints, expansion joints or contraction joints as necessary.	Note			
	Concrete shall be measured as the net area/volume, as shown on the drawings.	Note			
	Rate for concrete shall include for :	Note			
	1. Supply, handling at site, depositing, compacting, vibrating, curing and making good after removal of formwork.				
	2. Preparation of surfaces, roughening/chipping to the approval of the Engineer.				
	3.Providing water stops at temporary construction joints, if necessary.				
	4. Reinforcement and Formwork paid separately unless specified in the Item.				
	Rate for formwork shall include for all necessary boarding, supports, erecting, framing, cutting angles, cleaning, apply approved foam oil, wetting before placing concrete, removal etc.	Note			
	Formwork is measured as the net contact surface measurement between formwork and concrete.	Note			
	All reinforcement shall be as per relevant British Standards having minimum characteristic strength of 460 N/mm ² for ribbed tor steel and 250 N/mm ² for mild steel.	Note			
	Rate for reinforcement shall include for supplying, cleaning, cutting, bending, fabricating, binding, placing in position, binding wires, ties, supporting bars, spaces, chairs, wastage etc.	Note			
C.1	150mm thick 1:3:6 (25) Lean concrete below wall foundation	m3	5.00		
C.2	75mm thick 1:3:6 (25) Lean concrete below column footing	m3	1.20		
C.3	75mm thick 1:2 1/2:5 (25mm) floor concrete	m2	163.00		
C.4	For Column footing	m3	3.40		
C.5	For Plinth beam	m3	5.40		
C.6	For Top beam	m3	0.65		
C.7	For Column shaft	m3	5.70		
C.8	125mm x 225mm lintel with 4Nos of T12mm with stirrups R6 @ 150mm centres as per the drawing. Rate shall include for necessary form work and props.	L.m	60.00		

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
C.9	125mm x 150mm lintel with 2Nos of T10mm at bottom with stirrups R6 @ 150mm centres as per the drawing. Rate shall include for necessary form work and props.	L.m	60.00		
	Formwork				
	Formwork centering and moulds for concrete construction shall be of approved system to suit with the nature of this project and shall be erected true in line, levels and vertically for walls and columns and to the shapes and sizes required by the work, and shall be of suitable design and substantial and rigid construction so as to prevent deformation due to the placing and compacting of concrete and any incidental loading. All formwork and centering shall be so constructed that no grout shall leak out during	Note			
	Formwork and centering shall be provided with adequate struts, braces, walling, ties and clamps so as to maintain the dimensions lines and levels shown on the drawings during the entire operation of placing and compacting the concrete and to prevent any sagging exceeding 3mm under the weight of wet concrete with any other super imposed loads which they would be subjected to during construction.	Note			
	Formwork to column heads has been measured with slab and not enumerated separately.	Note			
	The contractor shall provide sufficient formwork and moulds to ensure adequate progress of work and the Engineer may direct the contractor to provide at contractor's expense such additional formwork and moulds as they may deem necessary if in his opinion the proper progress of the work is retarded by their absence	Note			
	Rates shall include for all necessary boarding, supports, erecting, framing, cutting angles, striking or removal, cleaning, wetting etc..	Note			
	Rates shall include for forming projections and chamfers.	Note			
	Formwork has been measured as the net contact surface measurement between concrete and formwork.	Note			
	Type of formwork shall be ply wood or steel with steel supporting system on concrete surfaces on removal of shuttering unless otherwise specified elsewhere. Rates for formwork shall include for all necessary measures to provide fine finish to the satisfaction of the Engineer	Note			
	The bidder shall submit the detail of his proposal for formwork system along with the bid.	Note			
C.10	For Plinth beam	m2	45.00		
C.11	For Top beam	m2	55.00		
C.12	For column shaft (225mm x 225mm Rectangular Column)	m2	102.00		
	Reinforcement				
	The size of reinforcement bars comply BS 4449 described in the drawing or elsewhere shall be the minimum size and the rolling margin and any other tolerance shall be wholly above this size. Hooks and laps have been measured and included with the quantities for reinforcements	Note			
	All reinforcement shall be free from mill scale, dirt, oil, paint, grease or loose rust before fixing in position and shall be brushed with a stiff wire brush if so directed by the Engineer.	Note			
	Reinforcement shall be bent cold by applying a slow even pressure on an approved type of bending apparatus.	Note			
	Re-bending of incorrectly bends bars shall not be	Note			

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
	<p>Rates shall include for cutting, bending, fabricating, placing in position, holding and supporting including temporary fixing supports, hangers, binding wire spacers and waste. Rates shall include for working in difficult conditions.</p> <p>The bidder is advised to refer the diameters of reinforcement steel to be used for this project and to be aware of the availability of relevant diameters and to price the item in the trade accordingly.</p> <p>The actual weight of steel used at site will be calculated on the average weight of steel indicated in the mill certificate the same.</p> <p>High yield Steel and Mild Steel bar comply BS 4449 reinforcement in the following:</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p>			
C.13	Tor Steel (T12mm, T10mm)	kg	#####		
C.14	Mild Steel (R6mm)	kg	410.00		
TOTAL FOR CONCRETE WORK CARRIED TO SUMMARY					
D	MASONRY WORK				
	The bidders are requested to refer General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special Conditions of Contract and all other relevant documents prior to pricing of the following items.	Note			
	Rates shall include for preparation of surfaces of floor slab, columns (steel or RCC) and wall surfaces for proper	Note			
	Rate to include cost for all concrete stiffener columns & stiffener beams as per specification	Note			
	All cement and sand concrete blocks shall comply with BS 6073.	Note			
	Characteristic strength of block work shall be 2.5 N/mm ²	Note			
	Mortar used for block work/ brick work shall be 1:5 cement and sand mixture unless otherwise specified.	Note			
	Rate shall include to,	Note			
	1. All rough and fair cutting, plumbing angles, normal straight cutting, forming rebated reveals and raking out joints for plastering.				
	2. Forming rough and fair grooves, throats, mortises, chases, rebates and holes, stops and miters.				
	3. Supplying & Fixing				
D.1	125mm thick 1:4:5 cement concrete solid block masonry wall in 1:5 cement sand mortar. Metal shall be 19mm	m2	295.00		
D.2	Precast or cast iunsitu Cement grill in 1:4 cement sand mix, fixed to wall at 4m height and at floor level as per drawing	m2	20.00		
D.3	Random rubble masonry in cement and sand 1:5 mix for wall foundation. Rubble shall be granite stone	m3	34.00		
TOTAL FOR MASONRY WORK CARRIED TO SUMMARY					
E	ASPHALT WORK				
E.1	1000 gauge polythene sheet as horizontal dampproof membrane under ground floor slab.	m2	160.00		
E.2	Damp proof course 20mm thick in cement and sand 1:2 finished with the application of two coats of hot tar blinded with sand.	m2	6.50		
TOTAL FOR ASPHALT WORK CARRIED TO SUMMARY					

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
F	ALLUMINIUM & METAL WORK				
F.1	Door type D steel sliding door made out of 50x50x6 angle iron framework and 2mm thick steel sheet continuously welded on frame, rate shall includes sliding floor rails of 25x25x5 angle iron fixed to floor using anchor bolts, top guider bar of 2/40x40x5 welded together to inverted "U" shpe and fixed to tahe lintels firmly, fixing 2 nos of 75mm pulleys as wheels for each door, locking arrangemet , two coats of anticorossive and 2 coats of enamel paint of approved colour.	m2	29.00		
	TOTAL FOR ALLUMINIUM & METAL WORK CARRIED TO SUMMARY				
G	DOOR AND WINDOW				
	Timber shall be of approved quality, Frame shall be of Palai/Palu or Red Balau or Equivalent approved by the Engineer and Sashes Palai/Palu, Satin or Teak or Equivalent approved by the Engineer.	Note			
	All doors shall have stainless steel hinges unless specified, locks shall be Mortise cylinder locks with duplicate Keys.	Note			
	All Windows shall have stainless steel hinges unless specified,	Note			
	All Doors and Windows shall have necessary barrel bolts, Castement Stays, Draw rings etc.	Note			
	Rate to include for two coats of Varnish painting after preperation of surface.	Note			
	The Contractor shall submit detailed shop drawings for the approval of the Engineer, 14 days prior to fabrication.	Note			
	All cutting, notching, drilling, sinking, trimming, framing jointing,splayed edges and the like including fixing in position complete with all nails, spikes, screws and priming to joints and ends.	Note			
	No application of any description shall be made on any timber unless and until the timber is approved by the Engineer.	Note			
	All exposed faces of timber are to be wrot. The sizes given below are nominal without allowance for planning except where described as finished sizes.	Note			
	Rates shall include for:	Note			
	All labour in framing, jointing and fixing in position complete with all nails, spikes, screws etc.				
	All doors, windows and fanlight shall be fixed complete as per detail drawings.				
	All door frames shall be fixed with spur stone at the foot.				
	All door and window frames shall be fixed to brick walls with M.S. hold fasts.				
	All necessary brass oxidised mongery.				

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
G.1	Supply and Fixing Type D2, Single sash Swing Door in approved Timber, 1200mm x 2400mm in over all size with Louver panels on top comprising of door frame of 100mm x 75mm once rebated Jambs and Head panelled door sash fixed to the frame using approved quality butt hinges including all iron mongery. Rate to include for One Primer Coat and Two Coats of Varnish including preparation of surface.	Nr	1.00		
G.2	Supply and Fixing Type W 1800 mm x 1950 mm Window in approved Timber in over all size with Louver panels on top comprising of window frame of 100mm x 75mm once rebated Jambs and Head with Glazed sashes fixed to frame using approved quality butt hinges including all iron mongery. Rate to include for One Primer Coat and Two Coats of Varnish including preparation of surface and 16mm MS bar in 125mm C/c Space with two coat of anti	Nr	5.00		
G.3	Boil resistance Plywood door single hung Mackply or approved quality with 95x70mm frame in spl. upper cl timber having 31mm thick sash. fixed with heavy quality butt hinges including all iron mongery. Rate to include for One Primer Coat and Two Coats of Varnish including preparation of surface.	Nr	2.00		
G.4	Fan light type FL1 600mm x 600mm with 95 x70 frame in spl. upper class timber and 28 mm thick fully glazed center pivoted sash fixed with heavy quality butt hinges including all iron mongery. Rate to include for One Primer Coat and Two Coats of Varnish including preparation of surface and 16mm MS bar in Space with two coat of anti corrosive.	Nr	2.00		
G.5	Supply and Fixing Type W 1800 mm x 1500 mm Fix glass in approved Timber in over all size comprising of window frame of 100mm x 75mm once rebated Jambs and Head with Glass fixed to frame using approved quality timber beding including all iron mongery. Rate to include for One Primer Coat and Two Coats of Varnish including preparation of surface.	Nr	1.00		
	TOTAL FOR DOOR AND WINDOW WORK CARRIED TO SUMMARY				
H	<u>ROOF COVERING, ROOF PLUMBING & CARPENTRY</u>				
	Bidders are requested to refer Bill of Quantities, General Notes, Pricing Preambles, Drawings, Specifications, Conditions of contract and other relevant documents prior to pricing of this section of work.	Note			
	Zinc Alum Roofing				
	Colour bonded zinc aluminum High tensile sheet minimum coating mass 150 g/m ² , base steel section shall be not less than 0.42mm thick and total coated thickness not less than 0.47mm for roof work fixed to "C" channel purlin frame work using 12x 55mm self drill thread forming hexogen washer head screw with neoprene washer. Fasteners shall be fixed on each rib on purlins at top, bottom and laps of sheets, and on every other rib on intermediate purlins. The rate shall includes standard Flashings, Ridge capping, Gable capping, side capping shall be provided in materials and finished to match above sheeting specifications and the total coated thickness of of flashing and capping material				
	Noise Insulation				

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
	Supply and lay 3mm thick polyethylene foam heat insulation with double side aluminum foil on purlins using proper fixing arrangement. Insulation sheets to be butt jointed and the joints to be sealed with self adhesive aluminium tape and 3mm thick air gap tape to be layed between insullation sheet and each purlins				
	All cutting, notching, drilling, sinking, trimming jointing, splayed edges and the like including hoisting, fixing in position complete with all nails spikes screws and priming to joints of ends.				
	All straight and square cutting and waste.				
	The C channel purlind to be lapped using nut & bolt joints, with 6mm steel plate				
	Zinc Alum sheet should be cut using cutting plier, grinder should not be used				
	Rate for the cleats to be included in the truss, end truss, refters etc.				
	Unless otherwise specified in this items, the timber shall be as specified bellow				
	The rates of all items of roof work shall be including of treating of all timber with two coats of wood preservative black in colour as per standed specification.				
H.1	Colour bonded zinc aluminimum high tensile sheet of approved colour roofing rate shall including ridge cap ans gable cap.	m2	266.00		
H.2	100mm x 50mm x 12mm, 2mm thick galvanized iron 'C' Purlin. Joints to be bolted and joints should come on top of the cleat. Rate shall include for cleaning and two coats of black anti corrossive painting. Rate shall include for 100mm x 50mm, 200mm long timber baried to pad concrete to receive "C" Purlin as cleat.	L.m	306.00		
H.3	Supply and fixing 3mm thick double side aluminium foil polythene foam heat insulation. Rate shall include for 75mm x 75mm GI Wire Net basic weight / density 0.32 kg/m2 at purlin as per manufactures specification	m2	266.00		
H.4	Providing and fixing truss as per the drawing and extended up to eaves side for fixing purlin. Rate shall include for applying two coats of wood preservative and two coats of enamel painting.	nr	5.00		
H.5	250mm high 0.47mm thick Zn-Al Valance board with necessary steel brackets.	Lm	81.00		
H.6	Supply & fixing 470mm girth Zn/Al square type Rain water gutter. Rate shall include for necessary brackets as per detail drawing.	L.m	81.00		
H.7	Supplying and fixing Rafters made out of 2/50x50x6 double angle iron welded together with 6mm thick 50x50 MS spacers at 600mm spacing maximum with necessary hooks to fix into roof beams or lintel and fixed to truss rate shall include for 2 coats of anticorrosive paint all as per directed	L.m	26.00		

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
H.8	Supplying and fixing Hip rafters made out of 2/50x50x6 double angle iron welded together with 6mm thick 50x50 MS spacers at 600mm spacing maximum with necessary hooks to fix into roof beams or lintel and fixed to truss rate shall include for 2 coats of anticorrosive paint all as per directed.	L.m	40.00		
H.9	Supply & fixing 100mm x 100mm Zn/Al squar type Rain water down pipe (6Nos) fixed in wall. Rate shall include for necessary brackets as per detail drawing.	L.m	60.00		
ROOF COVERING, ROOF PLUMBING & CARPENTRY					
J	FLOOR, WALL & CEILING FINISHES				
	Rates for plastering shall includes for forming doors and windows reveals.	Note			
	Rates for plastering between different surfaces shall include for spandex metal lathing to avoid any cracks between different surfaces.	Note			
	Rate shall include for the "V" grove to separate tile and plaster.	Note			
	The Bidders are requested to refer General Notes, Pricing Preambles, Drawings, Specifications, Conditions of Contract, Special Conditions of Contract and all other relevant documents prior to pricing of the following items.	Note			
	Rates shall include for preparation of surfaces for proper bonding.	Note			
	Rate shall include for measures to provide suitable bonding between different surfaces such as concrete and brick/block surfaces as per specification. Rates shall also include for all tile specials such as corners, edges etc.	Note			
	Rates shall include for cutting tiles and 45% chamfering at corner joints wherever necessary.	Note			
	Rate for tiling shall include for providing acceptable adhesive and/or suitable cement in an approved quality which has no effect to the properties of tiles.	Note			
J.1	20mm thick cement and sand 1:3 coloured rendering with cement floating	m2	163.00		
J.2	1:3 Cement and sand rendering 20mm thick to plinth finished smooth with coloured cement floating.	m2	28.00		
J.3	16mm thick 1:5 plaster smooth finished with acrylic wall filler	m2	296.00		
J.4	12mm thick 1:5 reveal plaster 150mm - 225mm wide smooth finished with acrylic wall filler	L.m	60.00		
J.5	16mm thick plaster 1:5 cement and sand finished semi rough to the walls and rough plaster (Borrall or equivalent)	m2	388.00		
J.6	16mm thick reveal plaster 150mm - 225mm wide 1:5 cement and sand finished semi rough to the walls and rough plaster (Borrall or equivalent)	L.m	60.00		
J.7	300 x 300mm approved coloured & pattern non skid Hemogenous porcelain floor tiles to toilets and bath floor laid to falls and including 12mm thick bed of cement and sand 1:3 and a coat of tile motor slurry applied over the bedding and the tile, and fix the tile tamped down gently till the tile motor squirts up through the joints. The joints pointed in neat cement coloured to match the tiles.	m2	3.50		

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
J.8	Supply and lay glazed tile 300mmx450mm approved colour and pattern lining to a height of 1800mm in toilet walls including 12mm thick bed of cement and sand 1:3 and a coat of tile motor slurry applied over the bedding and the tile, and fix the tile tamped down gently till the tile motor squirts up through the joints. The joints pointed in neat cement coloured to match the tiles.	m2	13.50		
J.9	Supplying and installation of 4.5mm thick Cement Fibre ceiling fixed with necessary timber frame work (50mm x 100mm joists and 50mm x 50mm bearers at 600mm c/c) of approved quality fixed with 40mm x 12mm timber beedings of 40mm x 40mm timber cove mouldings of approved quality with necessary screws and nail. Rate shall include for applying two coats of wood preservative to Timber frame work and One primer coat two coats of Fungus Resistant emulsion paint to ceiling and two coats of enamel paint to beedings mouldings.	m ²	57.000		
	TOTAL FOR FLOOR, WALL & CEILING FINISHES CARRIED TO SUMMARY				
K	PLUMBING AND SANITARY INSTALLATION				
	The Bidder is requested to refer the Preamble Notes, General Notes, drawings, Specifications, Conditions of Contract, special conditions of contract and other relevant document prior to pricing of the following items.	Note			
	This trade include the following works:				
	a.) Sanitary fittings, toilet accessories	Note			
	b.) Water supply				
	c.) External sewerage and waste water disposal (up to the nearest sewer manhole).				
	d). Internal drainage (up to the nearest first manhole).				
	The bidder shall provide all dimensions, and technical information, of all builders work to the Engineer in accordance with the programme of work.	Note			
	Rate shall include for insurance during handling, rehandling, transport, storage, delivery to the point of installation and until handing over.	Note			
	All taps shall be "plumber or Pegler", or equivalent to the approval of the Engineer.	Note			
	All valves etc., shall be Hattersly, Crane, Pegler or equivalent make to the approval of the Engineer.	Note			
	<u>Supply and Install Sanitary fittings and Toilets Accessories</u>				
	All water Sanitary fittings to be in original make in an approved colours otherwise specified.	Note			
	All pipes to be fixed to the soffit to be with necessary fixing accessories and pipe supports etc., to the approval of the Engineer.	Note			
	Rates for angles valves measured with fittings shall include with the rate of each item including the cost for flexible connections.	Note			

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
	Rate are to include for screws nails pipe hooks saddles branches sockets connection short lengths back nuts, nipples & the like & holes chasing etc. & making good in all trades & all necessary excavation & back filling.	Note			
	Good quality P.V.C. pipes for water service waste etc plastic pipes & fittings shall comply with the latest B.S.S. v 12 B.S.S.3505 for P.V.C. pipes & B.S.S. 1972 for polythene pipes.	Note			
	Any specials water supply & drainage fittings such as bends tees, reducers etc unless otherwise stated separately in the BOQ shall be deemed to have been included in relevant items & should accordingly be rated to include for such special fittings & for any extra works involved in the satisfactory completion of such items.	Note			
	Water Distribution System				
	Rates for all pipes shall include for pipes supports, saddles, clips, screws, nails, hardware fixing, jointing, materials cutting holes, chasing in brick work, concrete etc., and making good the same in all trades and under ground piping all necessary excavation, backfilling, planking and strutting, concrete bedding and hunching, dewatering and disposal of surplus material as directed. The proposal for pipe fixing method to be submitted for prior approval of the	Note			
	Rates for pipes shall include for burying in ground or walls or clipping to wall and all pipe supports fixed to under side of the soffits as required and for pipe fittings such as bends, tees, "Y" junctions, reducers, inspection openings, stop ends, etc., as required.	Note			
	Rate for pipes shall include for all pipe fittings and pipe hanging system.	Note			
	All pipe and fittings as per Specification and standard.	Note			
	Sewer Disposal System				
	Sewer disposal system has been measured up to the nearest first manhole. All work beyond the first manhole has been measured under drainage and storm water disposal trade.	Note			
	Rates for pipes shall include for all pipe fittings such as bends, tees, reducers, connectors cleaning	Note			
	point, etc., and inspection openings as necessary for total completion of the work.	Note			
	Rates for pipes shall include for fixing arrangements with clips and/or pipe supports. The bidder shall submit his proposal for pipe supports/ fixing system as per specification to the approval of the Engineer.	Note			
	Rates for all underground pipes shall include for all excavation, laid to gradient filling with selected materials and encasing the pipes with concrete as required.	Note			
K.1	Supply & fix Low level closet approved quality (Imp). comprising closet with " P" or "S" trap as directed and hinged seat with laid in plastic all complete to working order , including low level cistern with 9 liters capacity comprising shell and cover with supporting brackets screwed to tapered wooden blocks buried in wall with flexible hose and " URBAN "D" Marked or appd quality 1/2" chromium angle valve fittings water supply and drainage water connection all complete to working order	nr	2.00		

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
K.2	Supply & fix wash basin pedestal type 559mmx 381mm (Large) approved imported with 12mm dia approved quality. chromium plated pillar tap 38mm dia rubber plug & chromium plated chain waste fixed complete with supply (drainage, water connection paid separately.)Rate including chromium angle valve & flexible house etc	nr	2.00		
K.3	S/F Mirror above wash basin comprising 550mm x 375mm (approx) plate glass mirror free from effect of wavy image, approved hard wood 20mm thick , French polished, chromium plated clips and plugs fixed to wall with fiber plugs & chromium plated screws	nr	2.00		
K.4	Collecting pit 150 x 150mm deep internally, built in 75mm thick cement conc. 1:2:4(20) sides & bottom include 12mm thick cement & sand 1:2 rendering finished smooth with neat cement floating to exposed faces & cast iron grating on top complete with inlet and outlet connection	nr	2.00		
K.5	110mm PVC (type 400) pipe laid to necessary falls between closet manhole & pit with average invert depth not exceeding 600mm including excavation refilling bedding on a layer of cement concrete 1:3:6 (37) 100mm thick subsequently completed pipe encasing with same conc after inspection	nr	8.00		
K.6	Manhole type 600 x 600mm internally as per drg with invert depth not exceeding 600mm including excavation back filling 150mm thick RCC cement concrete 1:2:4 (20mm) forming drainage bed cover & 100mm thick block walls in 1:5 ct and sand and plastering in 1:2 cement sand 12mm thick with 75mm thick 1:2:4 (20mm) ct concrete cover slab r/f with 6mm dia m.s rod at 75mm crs	nr	1.00		
K.7	Supply and lay/Fix 20 mm dia Type 1000 PVC Pipe with specials	Lm	5.00		
K.8	Supply and lay/Fix 25 mm dia Type 1000 PVC Pipe with specials	Lm	5.00		
K.9	Supplying and fixing of chromium plated 25mm bib tap, chinese or indian.(Rate shall include for forcet socket)	nr	2.00		

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
K.10	Supply and installation of Stainless Steel soap dish	nr	2.00		
	PLUMBING AND SANITARY INSTALLATION CARRIED TO SUMMARY				
L	PAINTING & DECORATION				
	The Bidders are requested to refer Bill of Quantities, General Notes, Pricing Preambles, Drawings, Conditions of Contract, and all other relevant documents prior to pricing of the following items.	Note			
	External painting (master pallet) shall be exterior quality, weather shield, texture base in an approved manufacture (C.I.C or equivalent) paint and colour to suit with the environment, climate and location of this project.	Note			
	Rate for painting shall include for painting to door and window reveals.	Note			
L.1	Prepare plaster surfaces of wall and apply one coat of primer and two coats of emulsion paint as per manufacture's instruction.	m2	310.00		
L.2	Prepare plasterer surfaces of all faces of walls and apply three coats paint system ("sealflex") or equivalent, includes one coat of primer/sealer, two coats of weather sheild paint as per manufacturer instruction	m2	340.00		
	TOTAL FOR PAINTING & DECORATION CARRIED TO SUMMARY				
M	ELECTRICAL SYSTEM				
	NOTES				
	The tenderers are advised to refer the "General Notes, Specification and Pricing Preamble Notes" prior to pricing of this section of work.	Note			
	Rate shall include for necessary chasings, trenching, conduits, cables, cable trays, fittings and clips, cutting holes and chases in brick work/ block work/ concrete work complete with all necessary accessories such as sockets, connections, cable glands and boxes, hardware clips, soldering and jointing materials etc., for proper installing and laying of cables.	Note			
	The tenderer shall submit the following information on the items/equipments quoted for together with the tender.	Note			
	a. make				
	b. model No.				
	c. technical data				
	d. country of manufacture				
	e. delivery period				
	f. lead time for manufacturing.				
	g. port of shipping				
	h. CIF value of each item in foreign currency.				
	j. Optional items and their additional cost. (additional cost to be submitted separately)				
	k. Schedule of items to be carried out by others connected to installation of generators/transformers/Electrical panels such as some builders work and electrical connection.				
	l. Details of all special features				
	m. schedule attached to specification.	Note			

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
	Rate for all electrical panels shall include for supply and installation				
	of all necessary MCCBs, MCBS, EFRs, ELCBs, auxiliary contacts,				
	Voltmeters, ammeters, Digital analyser,kWh meters, indicator				
	lamps, selector switches, copper bus bars, inter locks, aligning				
	and grounding of the panel, inter connectors, internal wiring				
	connections to switch gear,steel channels and necessary hardware				
	fixing insulating materials,all in fully enclosed metal clad				
	and distribution boards completed as shown in drawing. They shall				
	comply with the specifications and I.E.E.regulations and be complete				
	to working order to the approval				
	local authorities.	Note			
	Rate shall include for supply, installation, maintaining,				
	testing and commissioning of the system for power and lighting				
	according to drawings and specifications to working order.	Note			
	All materials, equipment wiring shall confirm to local codes,				
	specifications, standards/latest I.E.E. regulations (BS 7671)				
	and Ceylon Electricity Board requirements.	Note			
	All electrical equipments such as MCB, MCCB, RCCB etc				
	shall be of approved makes as per the specifications.	Note			
	All cables for equipments, panel and units designated to				
	function under fire condition to be in fire rated cables and				
	suitable conduting and rates for such items shall include				
	accordingly.	Note			
	<u>Main Electrical Supply</u>				
M.1	Allow for obtaining 32A/TPconnection main power supply connection				
	from the Ceylon Electricity Board including all the correspondence				
	and co-ordination work, builders work etc., excluding the				
	cost of transformers.	Provisional Sum			
	<u>Main Distribution, Sub Distribution and</u>				
	<u>Distribution System</u>				
	<u>MSB Panel</u>				
M.2	Allow for supply and installation of 32A/4P MSB Panel				
	including ,DIGITAL ANALYSER,Earth fault Relay, surge diverters				
	, indicators, selectable switch, phase failiure protection, MCCB				
	& all accessories as per the given drawing . Rate shall include				
	for submission of shop drawings and wiring diagramme				
	to the Engineer's approval.	Item	1.0		
	<u>Distribution Boards (DB)</u>				
	Distribution Panel for each floor as shown on the drawing,				
	complete with all incoming and outgoing MCBs, RCCBs,..etc				
	any other item required to working order, wall mounted				
	wall mount steel powder coated, IP44 enclouser with neutral				
	link, earth bar and required accessories, all complete as				

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
	per the specifications & drawings.	Note			
M.3	DB	nr.	2.0		
	Main/Sub Cabling				
	All under ground cables directly buried in ground/ in the				
	trenches as applicable, to be laid properly and covered with				
	cable tiles, protection tapes, ..etc for mechanical protection,				
	PVC sleeves may use if required. Rate shall include for all				
	necessary works/accessories such as excavation, sand layers,				
	cable ties, warning strips and back filling with approved				
	quality				
	earth, properly compacted, to the satisfaction of the Engineer.	Note			
	All above ground cables shall be laid on cable tray/trucking				
	/conduits as applicable and covered by tray covers,...etc.				
	for mechanical protection. PVC sleeves may use if required.				
	Rate shall include for all necessary works/accessories such				
	as galvanized brackets, supporting materials, fittings, nails,				
	cable ties, earthing, ...etc, trays shall be of required sizes,				
	GI powder coated, and shotted, to the satisfaction of Engineer	Note			
M.4	Panel to	Lm	30.0		
	to MSB				
M.5	2Cx6mm2 Cu/PVC/PVC + 6mm2 earth from MSB to DB	Lm	26.0		
M.6	4Cx6mm2 Cu/PVC/PVC + 6mm2 earth from MSB to DB	Lm	23.0		
	Earthing				
M.7	Allow for the total earthing system inclusive of the necessary				
	cables from all the DB's and SMDB lightning arrestor earth				
	connection to the pit, construction of the pit, cover slab....etc.				
	to achieve an earth impedance of less than 5 Ohms.	item	1.0		
	Point Wiring & Fittings				
	Rate shall include supply & installation of cable,				
	conduits for point wiring in concealed				
	installations including switches, power outlet,				
	isolators...etc, all as specified	Note			
M.8	Supply and Installation of 2 x 1C 1.5mm2 PVC/PVC/Cu +				
	2.5mm2 PVC/Cu	nr.	24.0		
	PVC/Cu earth cable c/w uPVC conduit, junction boxes etc. for				
	light				
	point wiring				
	Supply and Installation of 2 x 1C 2.5mm2 PVC/PVC/Cu +				
	2.5mm2 PVC/Cu				
	PVC/Cu earth cable c/w uPVC conduit, junction boxes etc. for				
	following Socket outlet wiring	Note			
M.9	5A sockets	nr	6.0		
M.10	13A single sockets	nr	2.0		
M.11	15A sockets	nr	2.0		
	Fixtures				
	Rate shall include supply and installation of following lighting				
	fixtures,				

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
	socket outlets as specified and detailed, fixed in position including all				
	fixing accessories, supports and connect to power,	Note			
	contractor to supply lights either soffit mount/ ceiling recessed as per				
	area actual situation and need to provide lighting schedule accordingly				
M.12	ceiling light- Internal general (26W CFL)	nr.	16.0		
M.13	ceiling light-toilet-IP65 (12W CFL)	nr.	2.0		
M.14	wall bracket external light(18-25W CFL) waterproof	nr.	6.0		
M.15	ceiling fan-1400mm sweep(KDK or equivalent)	nr.	1.0		
M.16	13A single socket outlets	nr.	2.0		
M.17	15A socket outlets	nr.	2.0		
M.18	5A socket outlets	nr.	6.0		
	TOTAL FOR ELECTRICAL SYSTEM CARRIED TO SUMMARY				
N	CONSTRUCTION OF DRYING BED				
N.1	Clearing site vegetation including compacting and disposal of all surplus excavated material away from the site as directed. (contractor shall visit the site & assert the actual work involve)	Item	1.00		
N.2	Excavation in ordinary soil for column and wall foundation footing not exceeding 1500mm deep from existing ground level except rock requiring blasting. Rate shall include for compacting the bottom of excavation, part return fill to excavation and rammed, surplus disposed off site as directed	m3	7.00		
N.3	Approved imported hard earth (Gravel) filling including levelling, watering and compacting in 150mm layers between foundation of walls upto DPC level with 98% compaction. (Measured compacted volume)	m3	68.00		
N.4	Approved quality Anti Termite Treatment in compacted soil or I necessary as directed. (10 years warranty should be submitted from recognized approved Institute)	m2	240.00		
N.5	100mm thick 1:2:4 (20) concrete for drying bed	m3	22.50		
N.6	Providing Mild steel reinforcement (R6@300 Bothways)	Kg	400.00		
N.7	Random rubble masonry in cement and sand 1:5 mix for wall foundation. Rubble shall be granite stone	m3	14.50		
N.8	1000 gauge polythene sheet as horizontal damp proof memb	m2	230.00		
N.9	20mm thick cement and sand 1:3 coloured rendering with cement floating	m2	270.00		
N.10	Expansion joint 20mm wide through full lenth of concrete filled with flexible material or hot tar with coarse sand all as per directed	L.m	75.00		
	TOTAL FOR CONSTRUCTION OF DRYING BED CARRIED TO SUMMARY				
P	CONSTRUCTION OF TYPE PLAN SOAKAGE PIT				
P.1	Allow for clearing & leveling site	Item			
P.2	Excavation in soakage pit any material requiring upto depth of 1.5M to (working space with necessary supports allowed)	m ³	4.00		
P.3	...do... ..do... 1.5M to 2.4M deep	m ³	5.50		

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
P.4	300mm x 225mm cement concrete 1:2:4 (20mm) ring in foundation with necessary formwork.	m ³	0.50		
P.5	150mm thick sandcrete block masonry 1:6 in cement mortar 1:5 in below 300mm deep with open vertical joint at alternative course.				
P.6	...do... ...do... 1500mm to 3000mm deep.	m ³	2.00		
P.7	...do... ...do... 0mm to 1500mm deep	m ³	2.00		
P.8	...do... ...do... 300mm above ground level	m ³	0.85		
P.9	Cement concrete 1:2:4 (20mm) pad 300mm x 150mm x 150mm for beam.	No	2.00		
P.10	150mm x 150mm cement concrete 1:2:4 (20mm) pad on top of wall with rebate on the inner side to receive cover slab with necessary formwork.	m ³	0.30		
P.11	225mm x 150mm R.C.C 1:2:4 (20mm) beam across pit to support cover slab with R/F 4nos. 16mm dia M.S rods & 6mm M.S stirrups at 225mm (R/F measured separately).	m ³	0.15		
P.12	75mm thick R.C.C 1:2:4 (20mm) cover slab cast in 4 section with 100mm lifting handles to each sections with R/F 10mm dia. M.S rods at 225mm . (r/f & formwork measured separately)	m ³	0.25		
P.13	16mm tor rods supplied & fabricated in position.	Kg	13.00		
P.14	6mm tor rods supplied & fabricated in position.	Kg	10.00		
P.15	10mm tor rods supplied & fabricated in position.	Kg	19.00		
P.16	Form work	m ²	9.00		
P.17	12mm thick internal cement plastering 1:3 from ground level at 150mm below inlet pipe finished rough.	m ²	9.00		
P.18	Supply & fixing 100mm dia PVC tee inlet pipe as per plan.	No	2.00		
	TOTAL FOR CONSTRUCTION OF TYPE PLAN SOAKAGE PIT CARRIED TO SUMMARY				
Q	CONSTRUCTION OF TYPE PLAN SEPTIC TANK				
Q.1	Allow for clearing & leveling site	Item			
Q.2	Excavation 0mm to 1500mm.	m ³	5.50		
Q.3	1:3:6(25mm) in base conc.	m ³	0.24		
Q.4	Cement conc.in base slab 1:2:4(19mm)	m ³	0.50		
Q.1	10mm dia tor steel in r/f of base slab at 225mm crs.bothways. Including binding wire.	Kg	28.00		
Q.2	Block work 150mm thick casted in 1:6 built in walls in cement sand mortar 1:5	m ³	3.00		
Q.3	Cement conc.pad 1:2:4(19mm) with necessary form work.	m ³	0.20		
Q.4	75mm thick cement conc.pre-cast slab 1:2:4(19mm) with joints filled with bitumen mixed with sand. (R/F Measured separately)	m ²	3.00		
Q.1	10mm dia tor steel in r/f of cover slab.	Kg	28.00		
Q.2	6mm dia M.S bar in r/f of cover slab.	Kg	5.00		
Q.3	20mm thick cement plaster 1:2 to internal face with 5% pudlo.	m ²	25.00		
Q.4	110mm dia PVC Tee for inlet & outlet pipe.	Nos.	2.00		
	TOTAL FOR CONSTRUCTION OF TYPE PLAN SEPTIC TANK CARRIED TO SUMMARY				

ITEM #	DESCRIPTION	QTY	UNIT	Rate	Amount (Rs.)
SUMMARY					
#	Description	AMOUNT			
B	EXCAVATION AND EARTH WORK				
C	CONCRETE WORK				
D	MASONRY WORK				
E	ASPHALT WORK				
F	METAL WORK				
G	DOOR AND WINDOW				
H	ROOF COVERING, ROOF PLUMBING & CARPENTRY				
J	FLOOR, WALL & CEILING FINISHES				
K	PLUMBING AND SANITARY INSTALLATION				
L	PAINTING AND DECORATION				
M	ELECTRICAL INSTALLATION				
N	CONSTRUCTION OF DRYING BED				
P	SOAKAGE PIT				
Q	SEPTIC TANK				
TOTAL					

CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNANPODIVADAI					
PRICED BILLS OF QUANTITIES					
BILL NO. 03- CONSTRUCTION OF WATER TANK					
ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
CONSTRUCTION OF WATER TANK					
3.01	Excavation in ordinary soil for column and wall foundation footing not exceeding 1500mm deep from existing ground level except rock requiring blasting. Rate shall include for compacting the bottom of excavation, part return fill to excavation and rammed, surplus disposed off site as directed.	m3	2.90		
3.02	Approved imported hard earth (Gravel) filling including levelling, watering and compacting in 150mm layers between foundation of walls upto DPC level with 98% compaction. (Measured compacted volume)	m3	0.17		
3.03	150mm thick 1:3:6 (25) Lean concrete below wall foundation	m3	0.50		
3.04	75mm thick 1:2 1/2:5 (25mm) floor concrete 1:2:4 (19mm) concrete for the following	m2	0.72		
	1:2:4(20) Concrete for following				
3.05	For Plinth beam	m3	0.16		
0.06	For 125mm / 100mm thick slab	m3	0.42		
	1/2 th plywood formwork with necessary props				
3.07	For Plinth beam	m2	1.06		
3.08	For soffit and side of slab	m2	4.80		
3.09	Tor Steel (T12mm, T10mm)	kg	70.00		
3.10	Mild Steel (R6mm)	kg	15.00		
3.11	Steps 150 x150 x200 mm concrete and T20mm Reinforcement shall be use	Nos	22.0		
3.12	Random rubble masonry in cement and sand 1:5 mix for wall foundation. Rubble shall be granite stone	m3	1.65		
3.13	200mm thick 1:6 cement concrete solid block masonry wall in 1:5 cement sand mortar.	m3	3.70		
3.14	100mm thick 1:6 cement concrete solid block masonry wall in 1:5 cement sand mortar.	m2	3.60		
3.15	Ledged, braced and battened door 28mm thick sash fixed on 70x95 mm timber frfame firmly fixed to walls using 2 nos of steel holdfasts on either side. Complete with 3 nos of 100x75 brass oxidesed hinges, 2 nos of 100mm long barrel bolts and lock. Rate shall include two coats of wood preservative of approved quality and two coats of enamel paint. all the timber shall be in Special Upper class.	m2	1.35		
3.16	20mm thick cement and sand 1:3 coloured rendering with cement floating	m2	1.50		
3.17	1:3 Cement and sand rendering 20mm thick to plinth finished smooth with coloured cement floating.	m2	3.50		
3.18	16mm thick 1:5 internal plaster smooth finished	m2	6.30		
3.19	16mm thick plaster 1:5 cement and sand finished semi rough to the walls and rough plaster (Borrall or equivalent)	m2	33.00		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
3.20	10mm thick 1:3 plaster smooth finished sofit of sunshade Ceiling finishes	m2	4.30		
3.21	Prepare plaster surfaces of wall and apply one coat of primer and two coats of weather sheild emulsion paint as per manufacture's instruction.	m2	44.00		
3.22	Supply and place 1000 litres PVC water tank approved quality on top of the slab and firmly fixed to the slab using 10mm dis nylon rope or equivalent with all necessary sockets and unions	Item	1.00		
3.23	Supply and lay/Fix 63mm dia Type 1000 PVC Pipe with specials	Lm	15.00		
3.24	Supply and lay/Fix 50mm dia Type 1000 PVC Pipe with specials	Lm	20.00		
3.25	Supply and lay/Fix 32mm dia Type 1000 PVC Pipe with specials	Lm	20.00		
3.26	Supply and fix 63mm dia Ball Valve	Nr	1.00		
3.27	Supply and fix 50mm dia Ball Valve	Nr	1.00		
3.28	Supply and fix 32mm dia Ball Valve	Nr	1.00		
3.29	Drilling 150mm Dia tubewell maximam depth of 12m rate shall include 150mm Dia casing and pumbing and cleaning of well	m	50.00		
3.30	Supplying & fixing electric water pump with motor (Jinasena centric pump) 1"×1" single phase model (No:M 140/1) in 1.5 HP or equivalent approved quality on cement concrete bed 2'×11/2'×1/2' in 1:2:4 (3/4") mix with 04 Nos 3/8"×6" rag bolts & nuts, rendered in cement mortar 1:2, including getting connection from water source, necessary suction pipes, foot valve & starter switch, electrical installation from main line to pump house, main switch with pilot lamp all complete to machine and	Nos	1.00		
CONSTRUCTION OF WATER TANK CARRIED TO GRAND SUMMARY					

CONSTRUCTION OF MILK COLLECTION CENTRE AT PATTALIPURAM.**PRICED BILLS OF QUANTITIES****BILL NO. 04- EXTERNAL SERVICES**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	Steel Gate				
4.01	Supplying, fabricating and fixing of Gates of sized 4000mm (wide) x 1650mm (height) with made out of heavy duty 75x 50mm Hollow GI Box section and 25mm diameter G.I pipes as shown in Drawings. . Rate to include for 2 Nos 300 x 300mm RCC pillars for 2.0 m height in 1:2:4 (3/4") concrete 4Y12 reinforced and R6 at 150mm crs stirrups rate include for Excavation base concrete footing R/F with Y10 @ 200mm c/c both way and 16mm thick 1:4 plastering, 3 Nos pintol and stirrups locking device barrel bolt etc. and 2 coats of anticorrosive paint and 2 coats of enamel paint and 2 coats of painting to pillars as directed.	nr	2.00		
	Chainlink Mesh Fence				
4.02	Supplying and fixing of 1.80 m high (above Ground) gauge 10 PVC coated chainlink mesh on the fence posts. Rate to include for 3 Nos, top.middle and bottom line wires, stretcher bars and bolting bracket arrangement with cleats, washers etcf including Casting, transport & erection of intermediate (at 2.4 m intervals) , corner, end and strainer RCC fence posts (2.25 m, 100mm x 100mm at top & 150mm x 150mm at bottom ,Reinforced with 4 no R6 Mild steel with High tensile wire stirrups spaced at 225mm . Rate to include for excavation of pits and erection of fence posts along boundary line with lower end burried in ground and surround with 1:3:6 (25mm) concrete for the 450 x 450 x 450 mm	m	30.00		
	Barbed wire Fence				
4.02	Fence PVC coated barbed wire, 5 strands 12 1/2 B.W.G with 4 points at 75mm centres & R.C.C posts casted in 1:2:4(20) metal reinforced with 4 Nos. 1/4 rods with 14 B.W.G stirrups at 150mm centres post to be fixed at 2500mm crs. including excavation, cement concrete foundation 1:3:6(38) metal to corner posts & struts Rate shall include for corener posts, end posts, struts and straining bolts, all as directed struts to be reinforced with 4 Nos. 3/8" rods and corner posts with 4 Nos. 1/2" rods	Lm	150.00		
	SUB TOTAL FOR EXTERNAL WORKS CARRIED TO GRAND SUMMARY				

PROJECT:
**CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT
MUNAMPODIVADAI.**

CLIENT:
MARUTHAM SEED GROWERS ASSOCIATION

FUNDING:

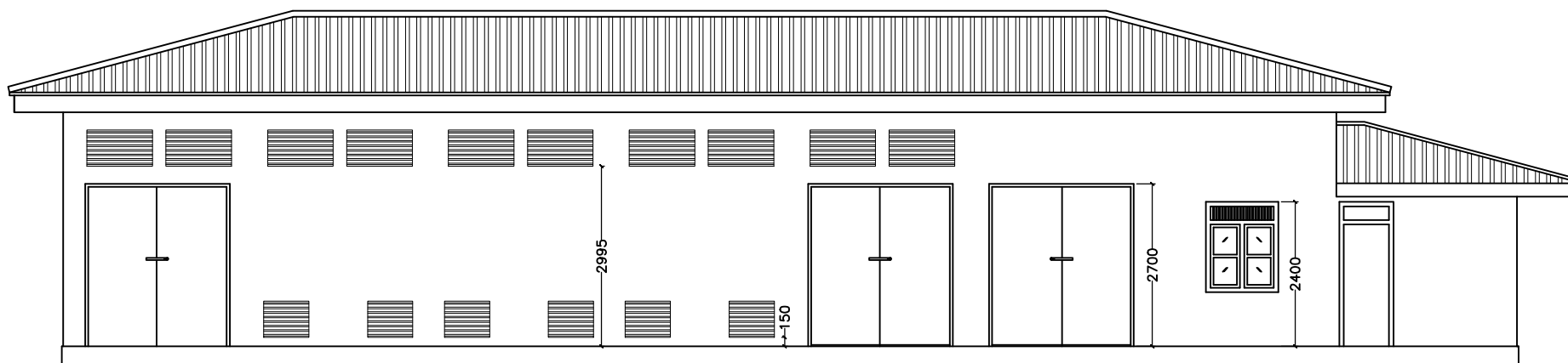


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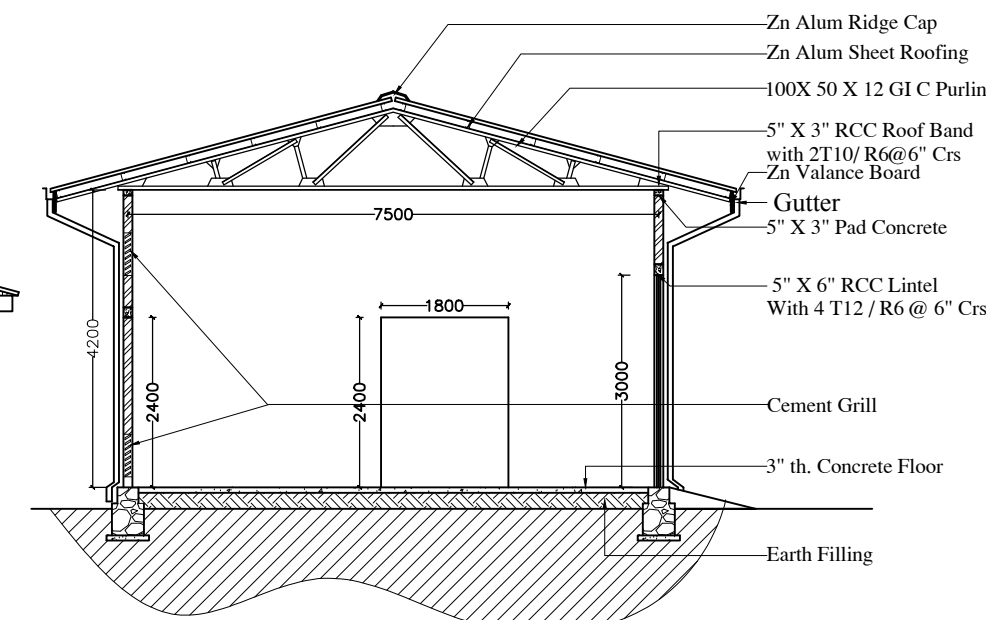
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LIST OF DRAWINGS

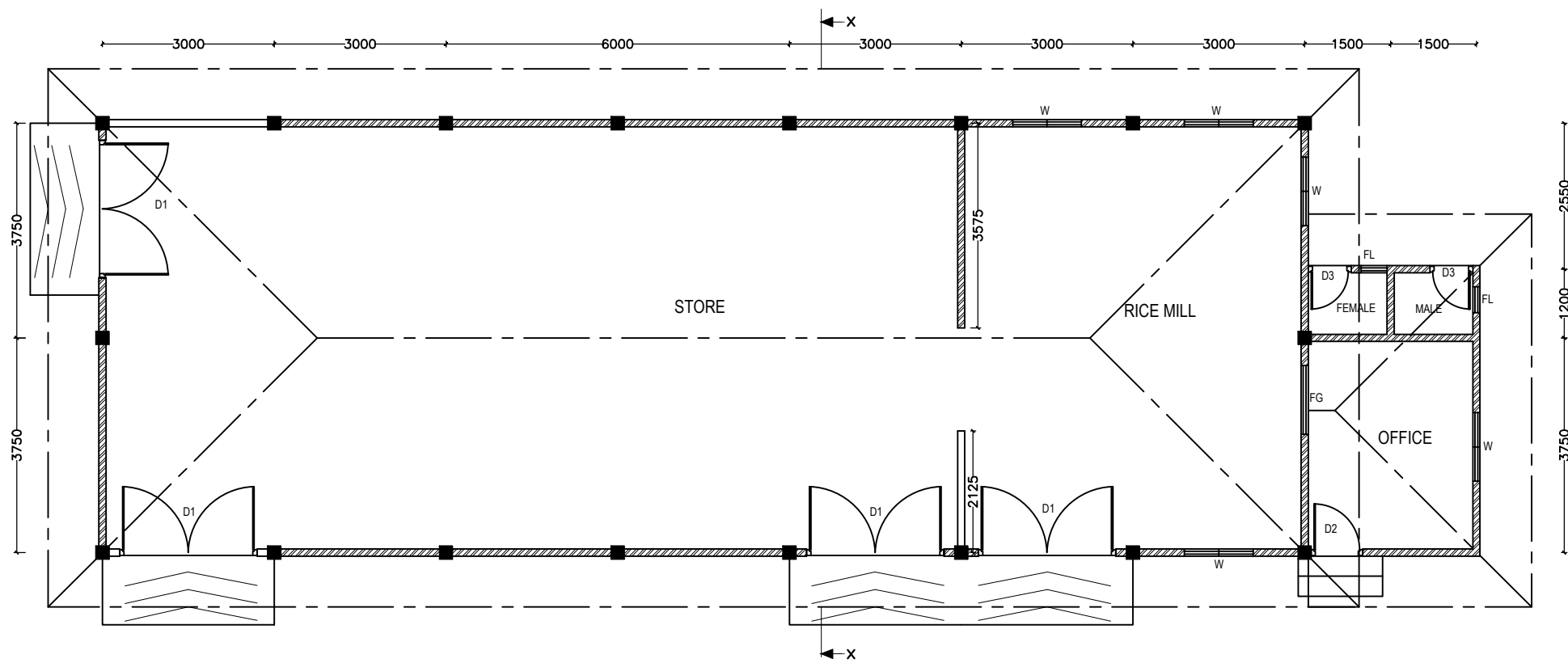
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|--|---------------------------|
| 1. KEY PLAN | - UNDP/MU/RM/Ar/001 |
| 2. DETAIL OF DOORS & WINDOWS | - UNDP/MU/RM/Ar/002 |
| 3. DETAIL OF CEMENT GRIL | - UNDP/MU/RM/Ar/003 |
| 4. LAYOUT OF COLUMN & FOOTING | - UNDP/MU/RM/SD/001 |
| 5. LAYOUT & DETAIL OF WALL FOUNDATION | - UNDP/MU/RM/SD/002 |
| 6. LAYOUT & DETAIL OF LINTEL | - UNDP/MU/RM/SD/003 |
| 7. DETAIL OF ROOF | - UNDP/MU/RM/SD/004 |
| 8. ROOF FRAME & DETAIL OF ACCESSORIES FITTINGS | - UNDP/MU/RM/SD/005 |
| 9. DETAIL OF TRUSS | - UNDP/MU/RM/SD/006 & 007 |
| 10. DETAIL OF DRYING BED | - UNDP/MU/RM/DB/001 |
| 12. WATER TANK | - UNDP/MU/RM/WT/001 |
| 13. DETAIL OF FENCE POST & CORNER POST | - UNDP/MU/RM/FE/001 |



FRONT ELEVATION



SECTION ON X - X

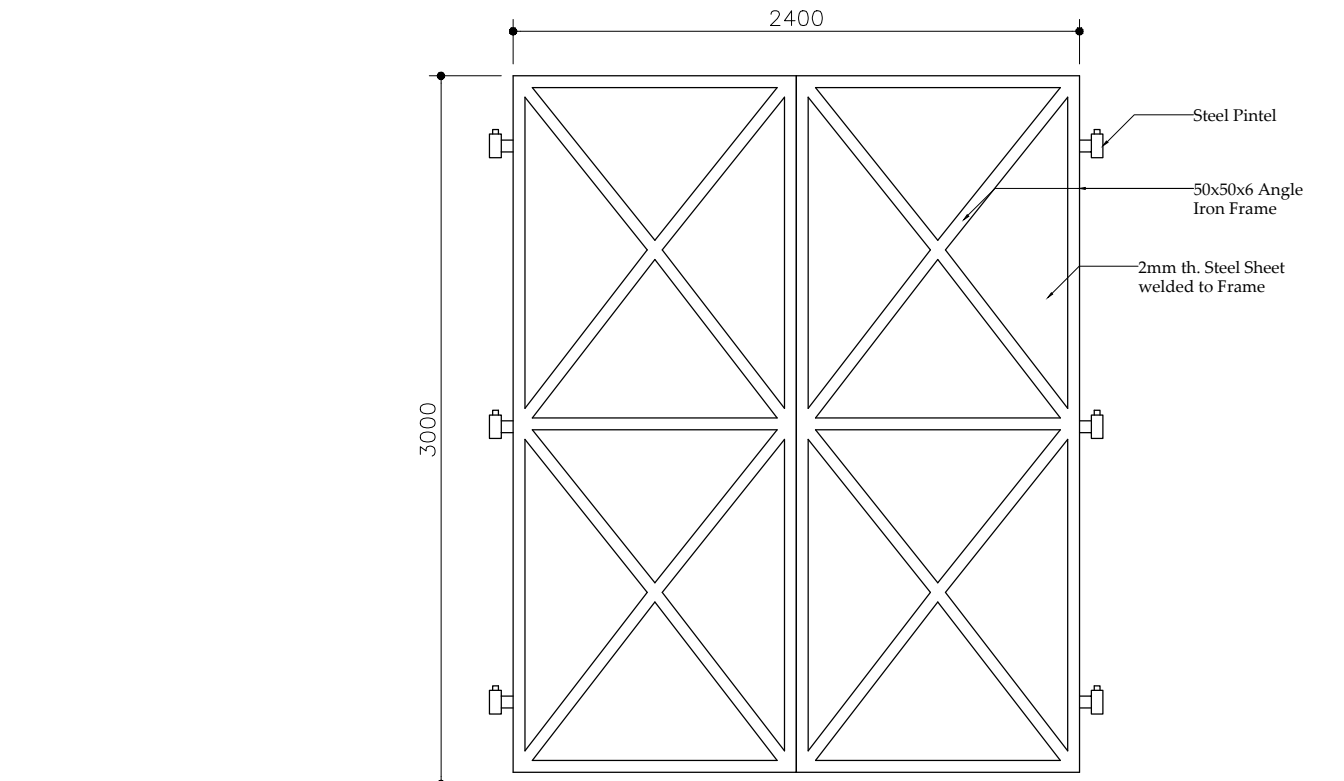


PLAN

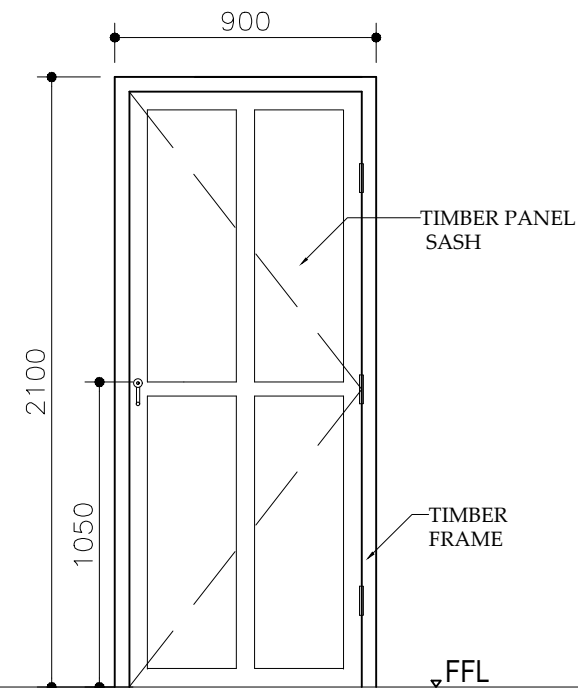
SCHEDULE OF OPENINGS			
TYPE	SIZE	DESCRIPTION	NOS
D1	2400 x 3000	STEEL PANELED DOOR	4
D2	900 X 2100	TIMBER PANNALLED DOOR	1
D3	850 X2100	TIMBER PANNALLED DOOR	2
W	1200 X 1500	TIMBER PANNALLED WINDOW	3
G1	750 X 600	CEMENT GRILL	4
G2	1000 X 600	CEMENT GRILL	4

CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNAMPODIVADAI

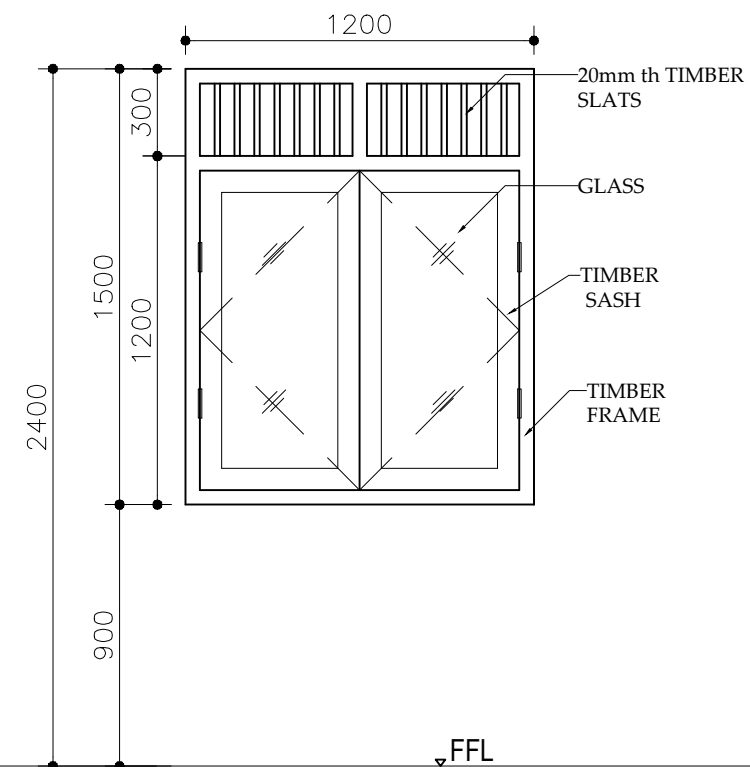
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DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/AR/001	REV. NO	



D
Steel Door



D2
Fully Panelled Door



W
Fully Glazed Window Slats on top

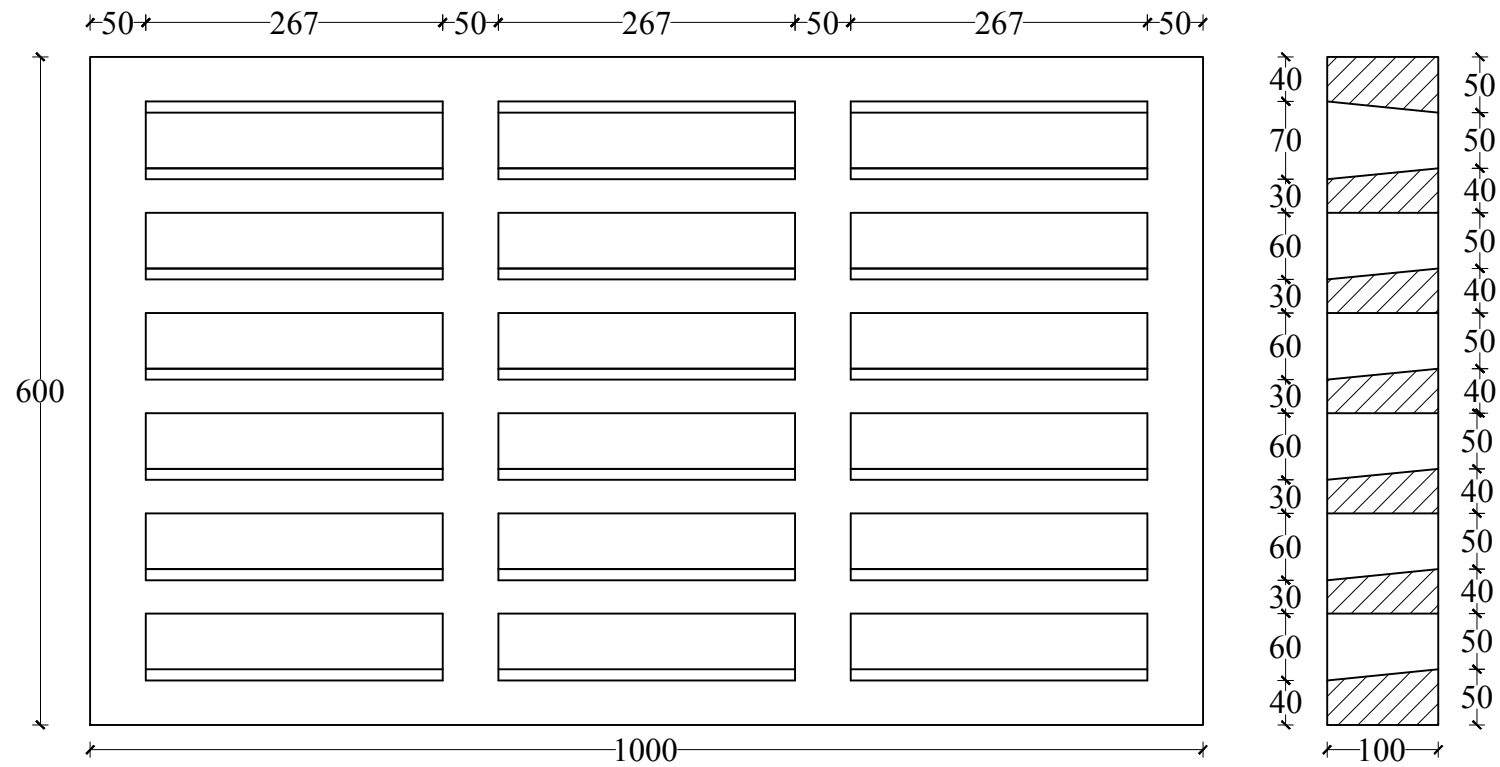
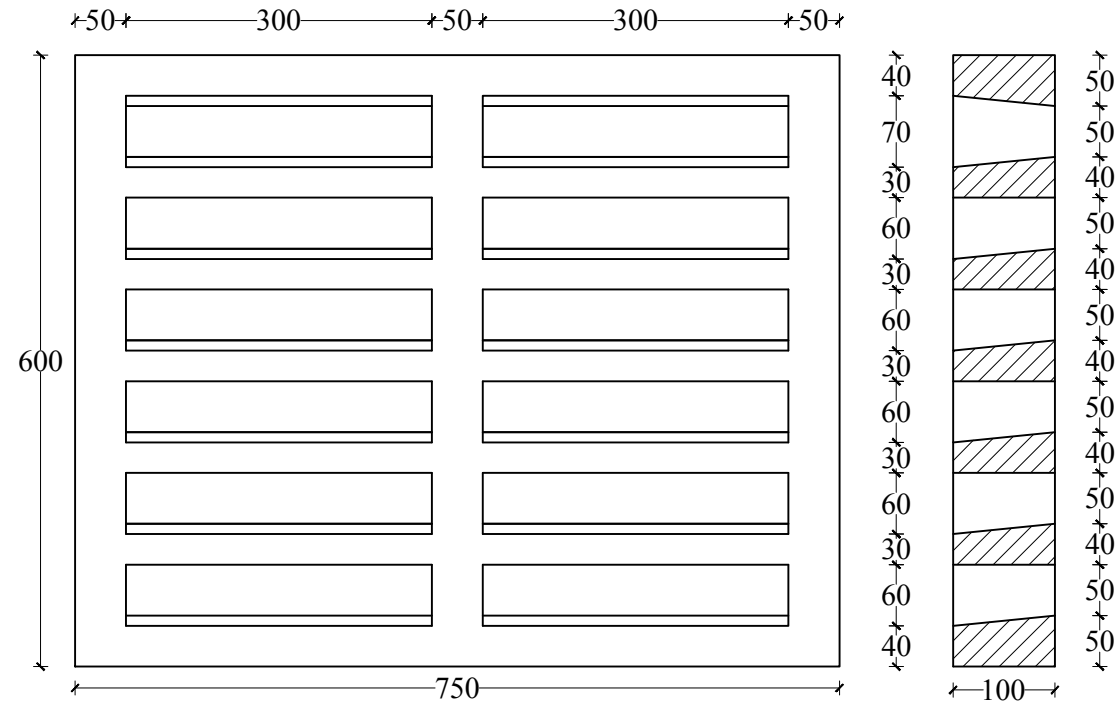


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CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNAMPODIVADAI

DRAWING TITLE	DETAIL OF DOORS & WINDOWS		
DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/AR/002	REV. NO	



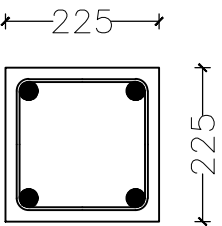
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CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNAMPODIVADAI

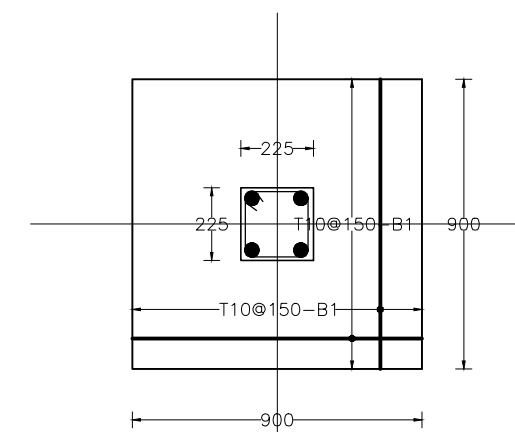
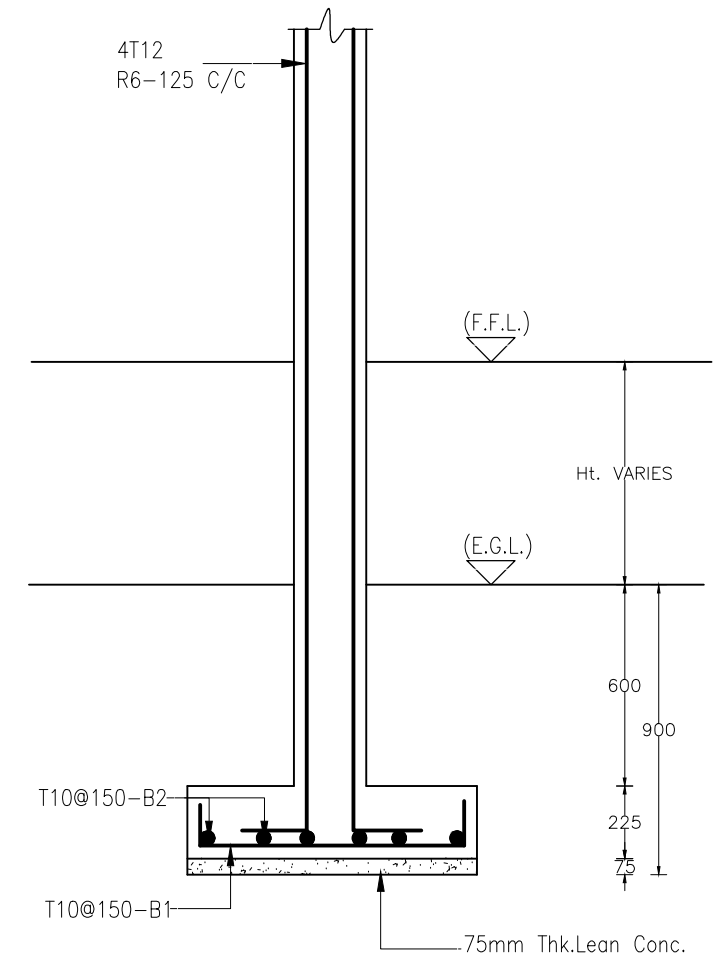
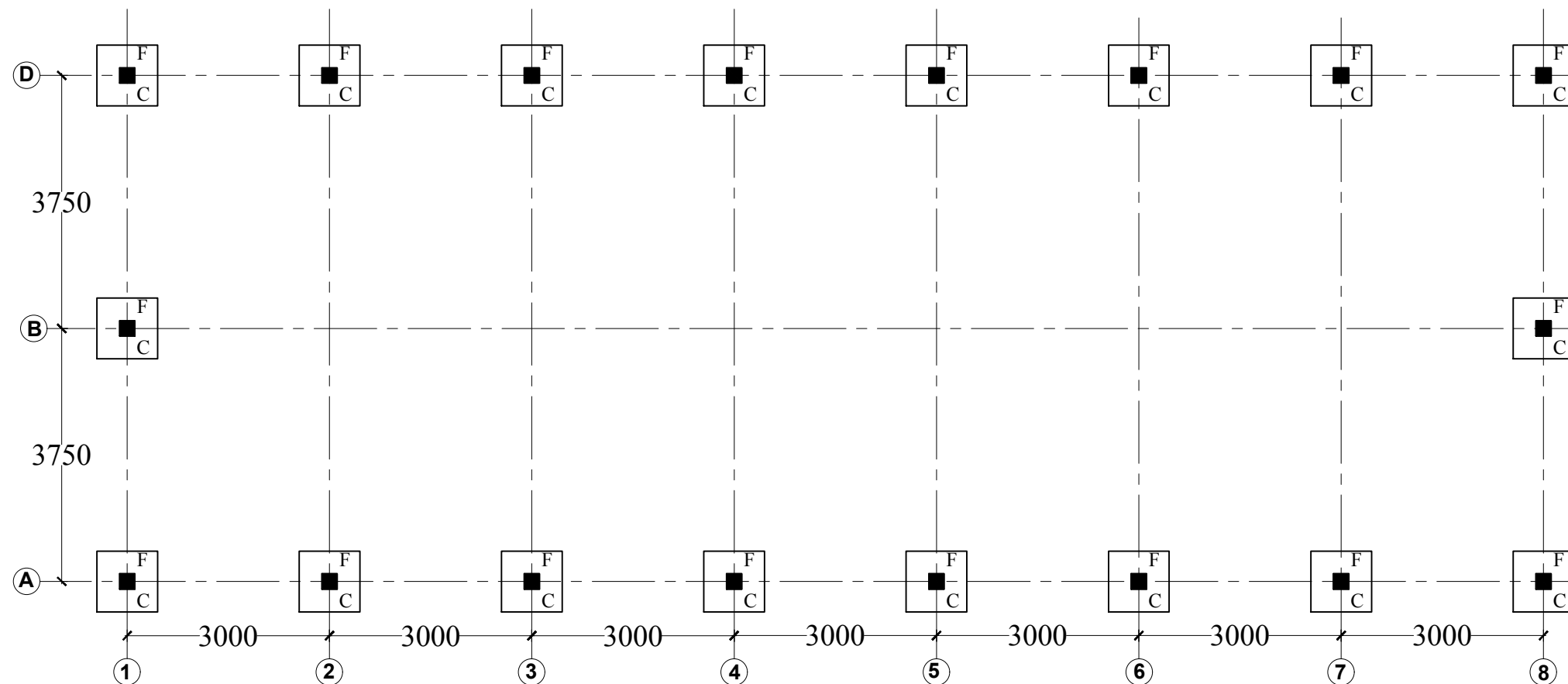
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DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/AR/003	REV. NO	

COLUMNS

C		4T12 R6@125 C/C	UPTO ROOF
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FOOTINGS

F	900x900x225	T10 @ 150 BOTH WAYS
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F, C
COLUMN FOUNDATIONS

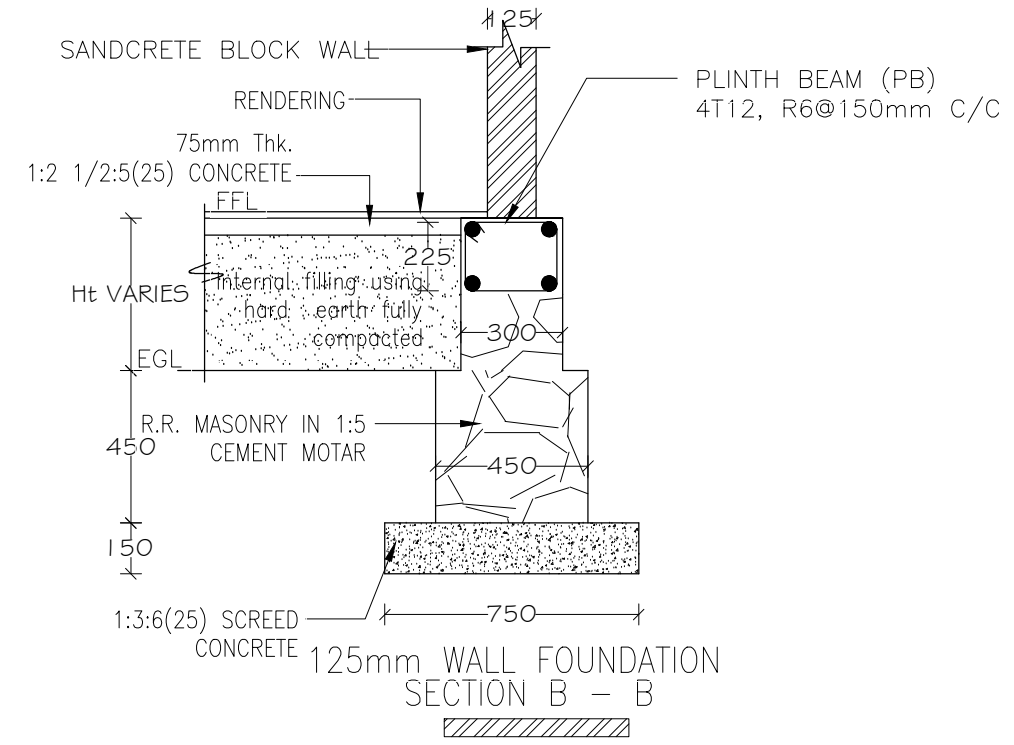
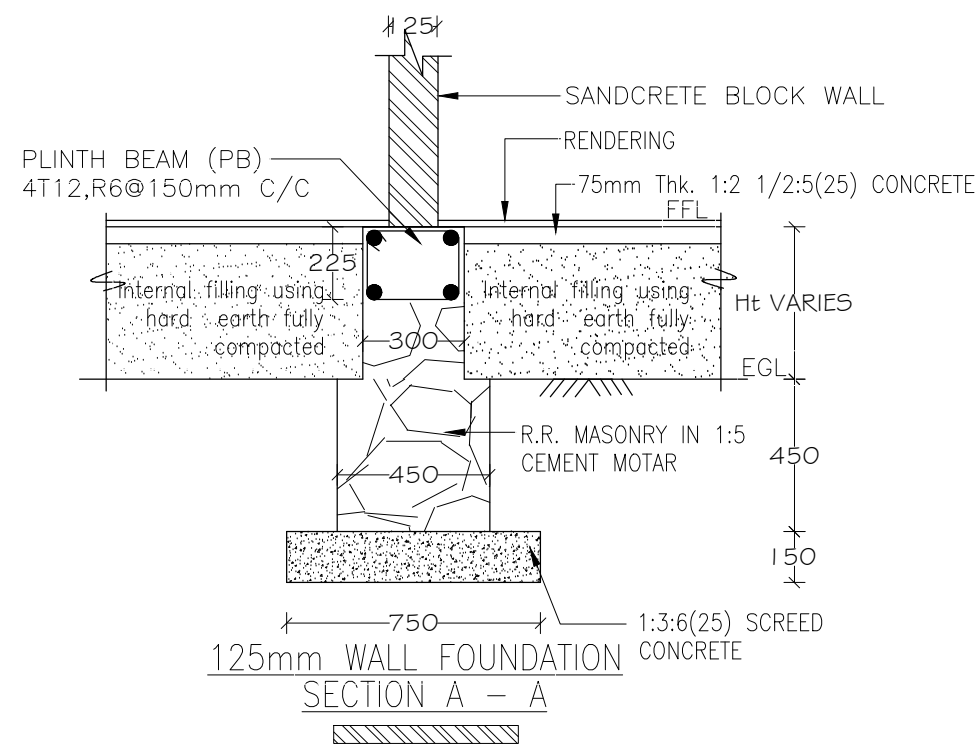
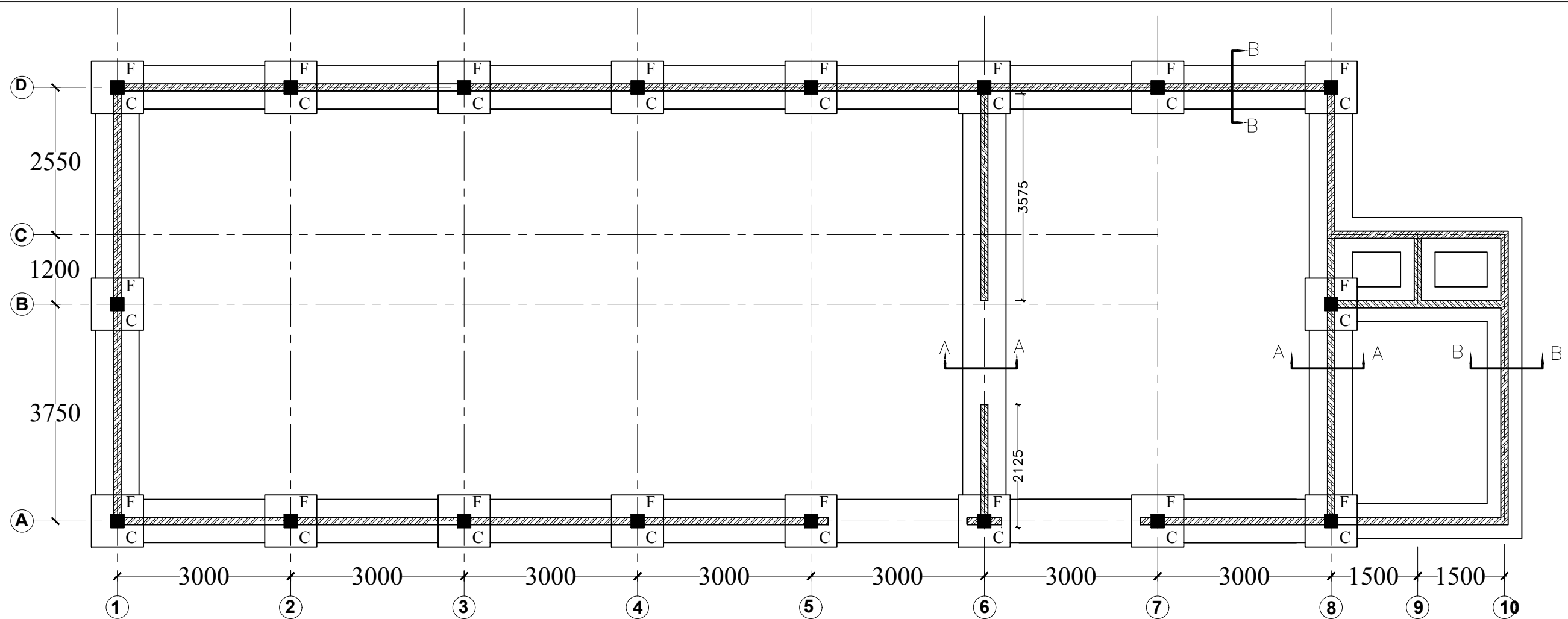


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DRAWING TITLE	LAYOUT OF COLUMN AND FOOTING		
DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/SD/001	REV. NO	

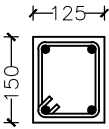



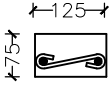



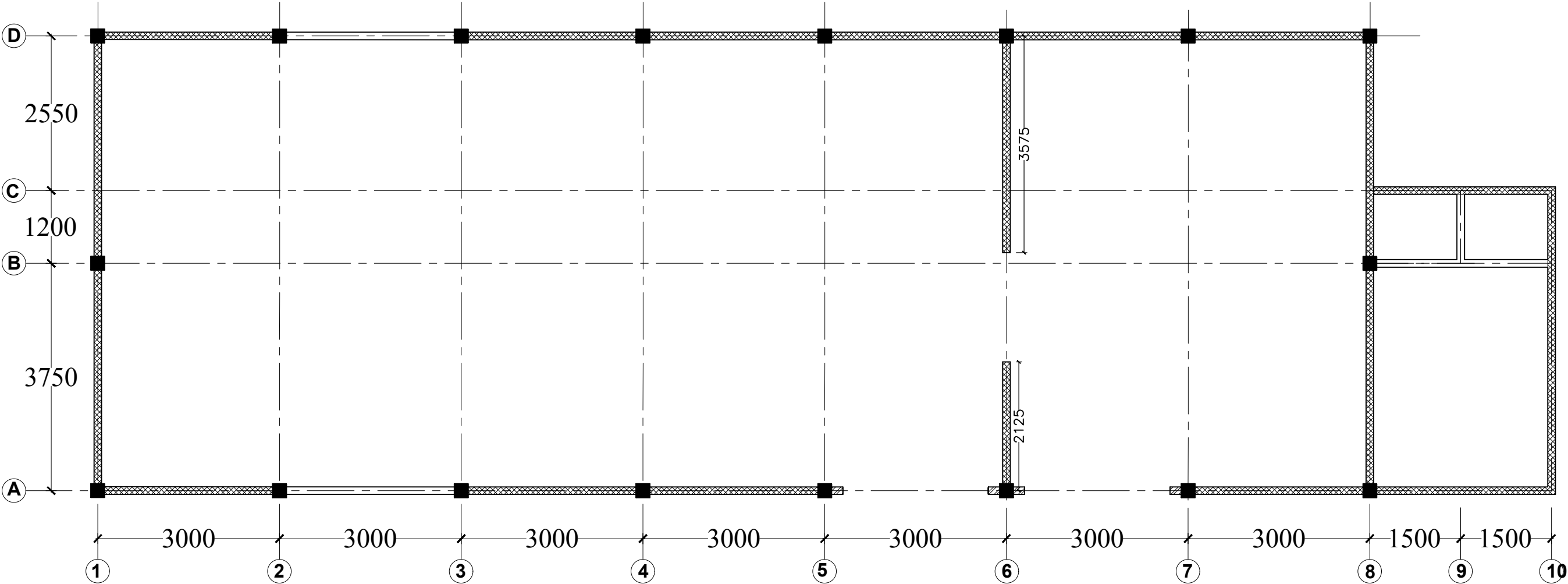
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DRAWING TITLE	LAYOUT AND DETAIL OF WALL FOUNDATION		
DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/SD/002	REV. NO	

DETAIL OF LINTEL	TYPE OF LINTEL	LINTEL BOTTOM LEVEL @ (from FFL)
 4T12, R6@150 C/C		3000mm
		2400mm
		2100mm
 2T10, R6@150 C/C		4200mm

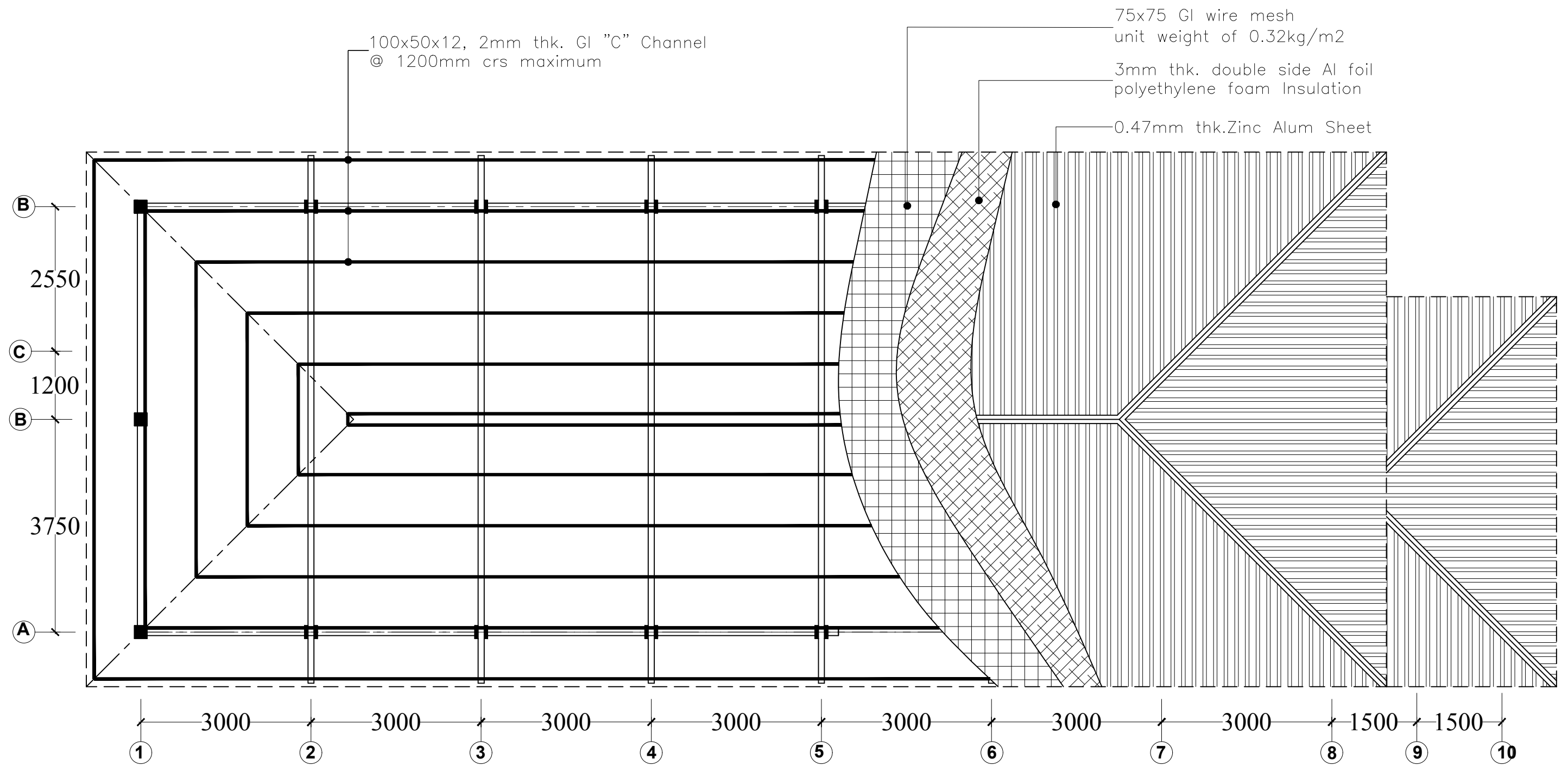


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DRAWING TITLE	LAYOUT AND DETAIL OF LINTEL		
DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/SD/003	REV. NO	



DETAILS OF ROOF

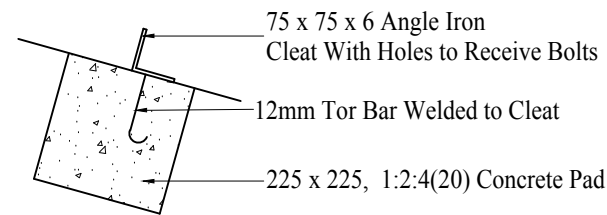


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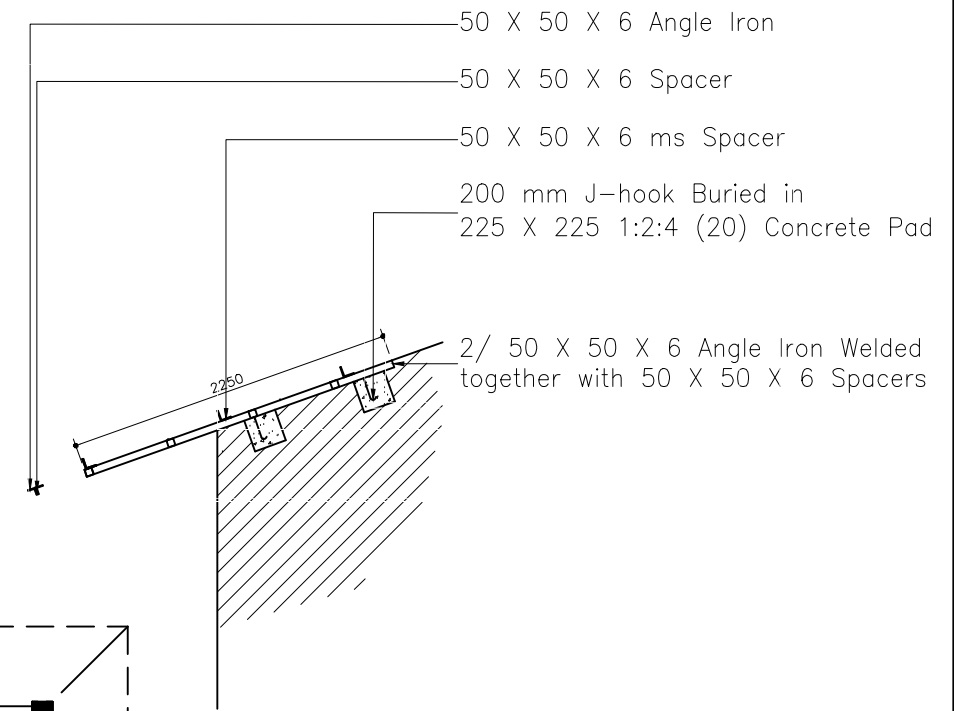
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CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNAMPODIVADAI

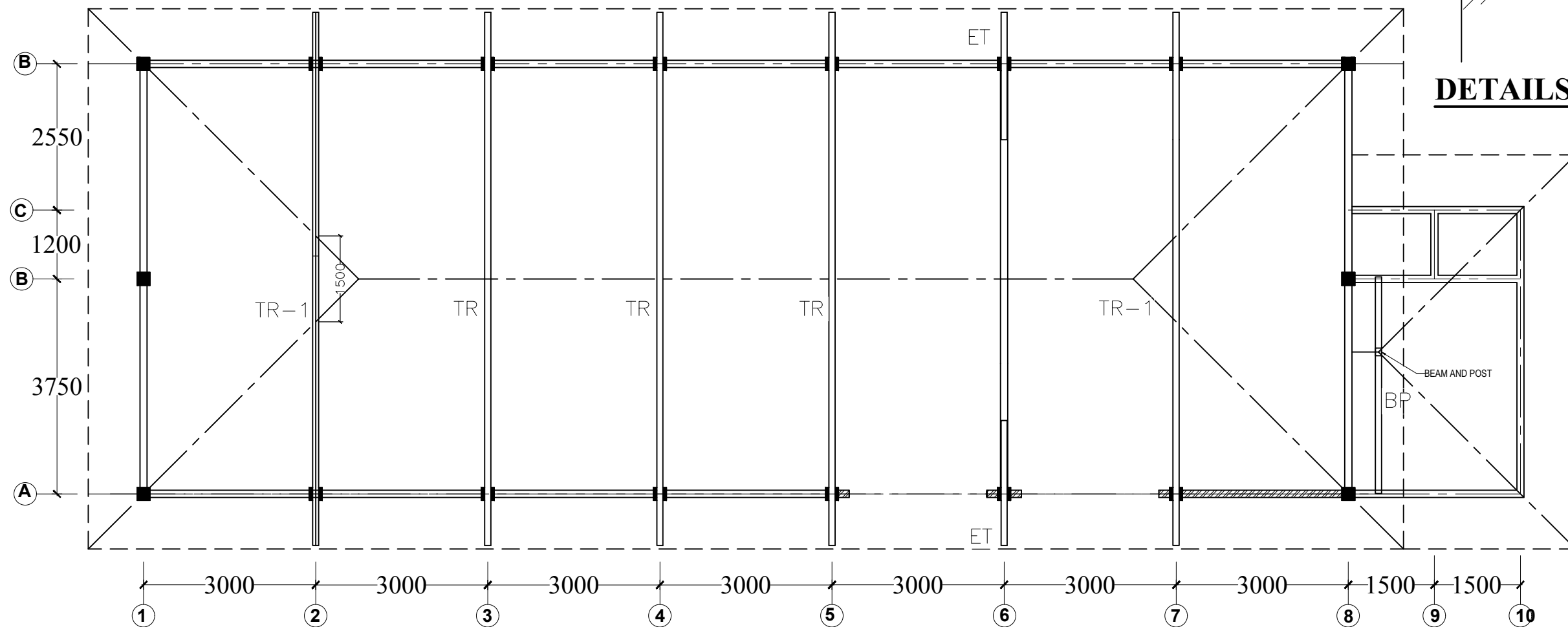
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DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/SD/004	REV. NO	



DETAILS OF CLEAT



DETAILS OF END TRUSS



ET — END TRUSS (2/50x50x6)

BP — BEAM AND POST (2/50x50x6)

TR — TRUSS —1

TR-1 — TRUSS —2

DETAILS OF ROOF TRUSS AND END TRUSS

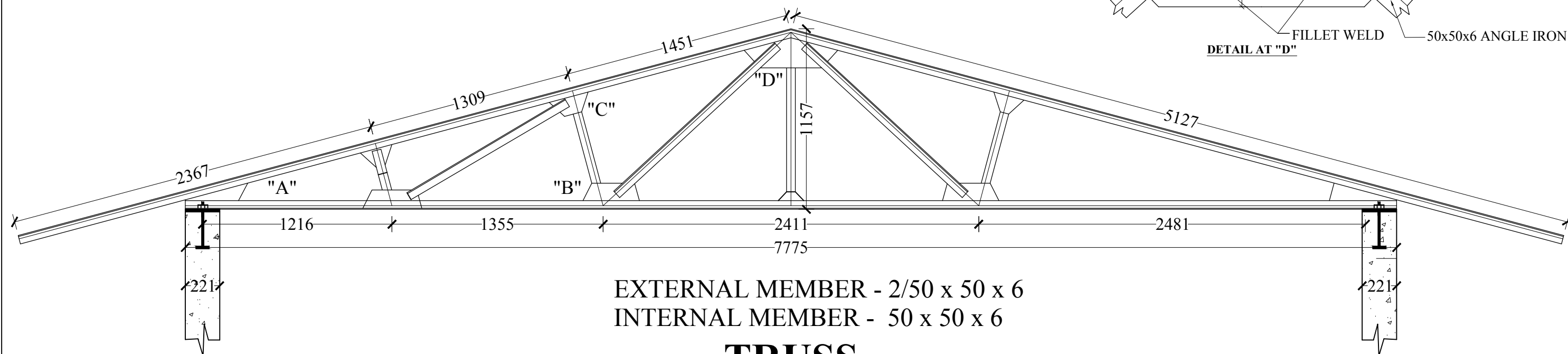
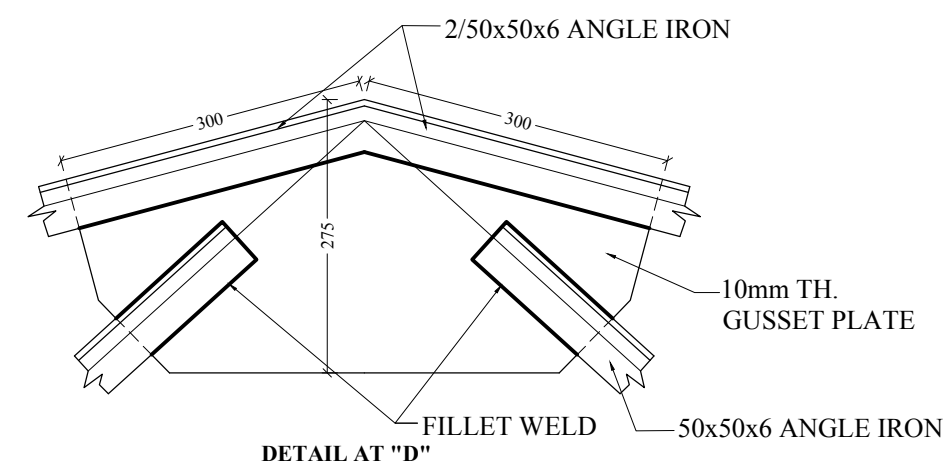
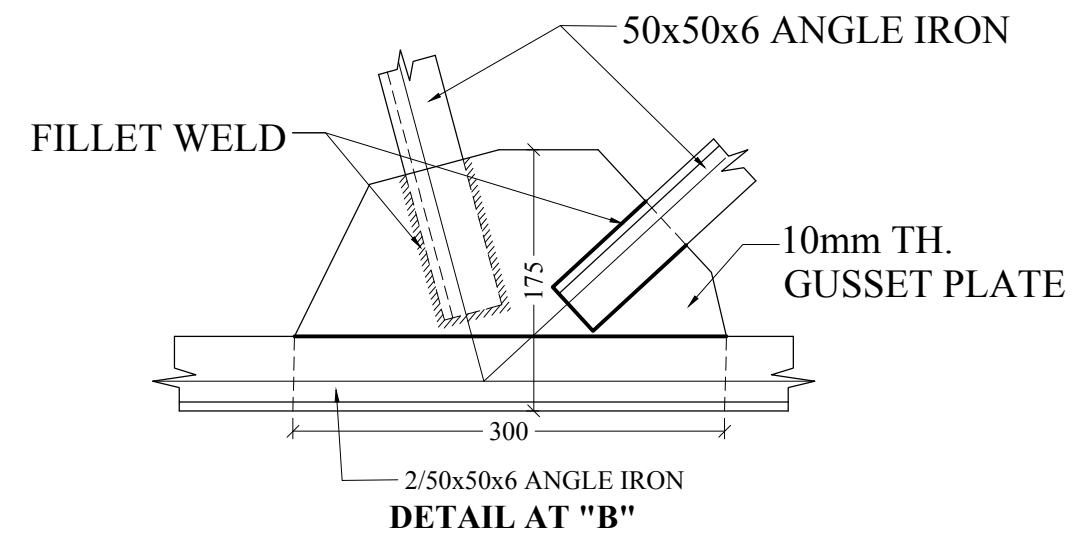
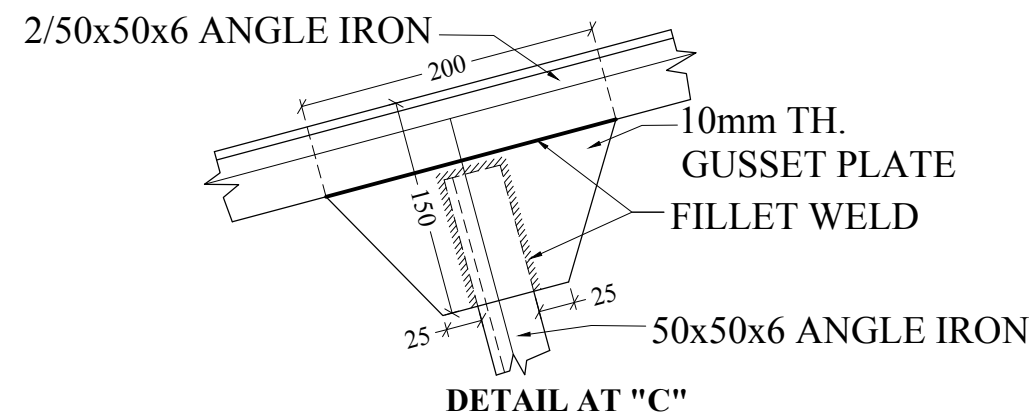
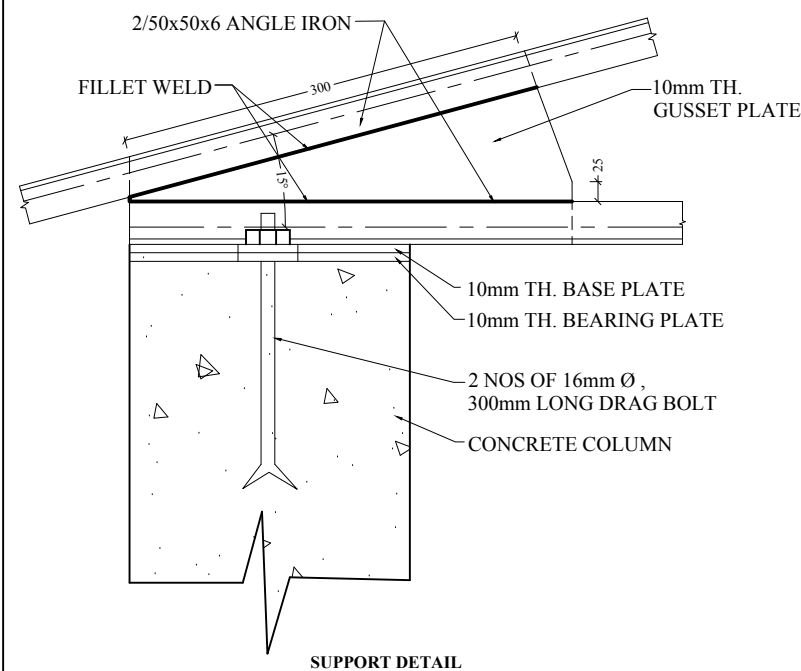


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CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNAMPODIVADAI

DRAWING TITLE	ROOF FRAME AND ACCESSORIES FITTINGS		
DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/SD/005	REV. NO	

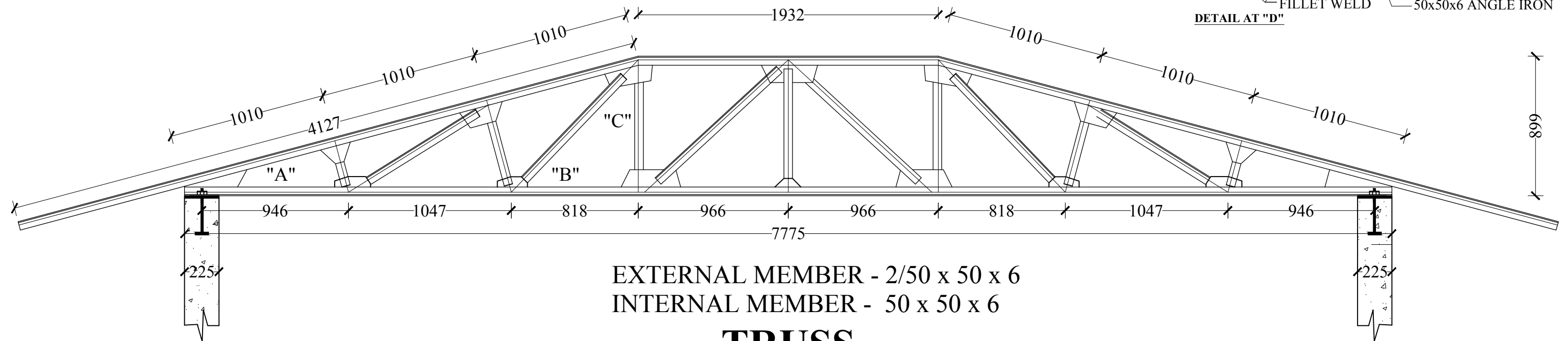
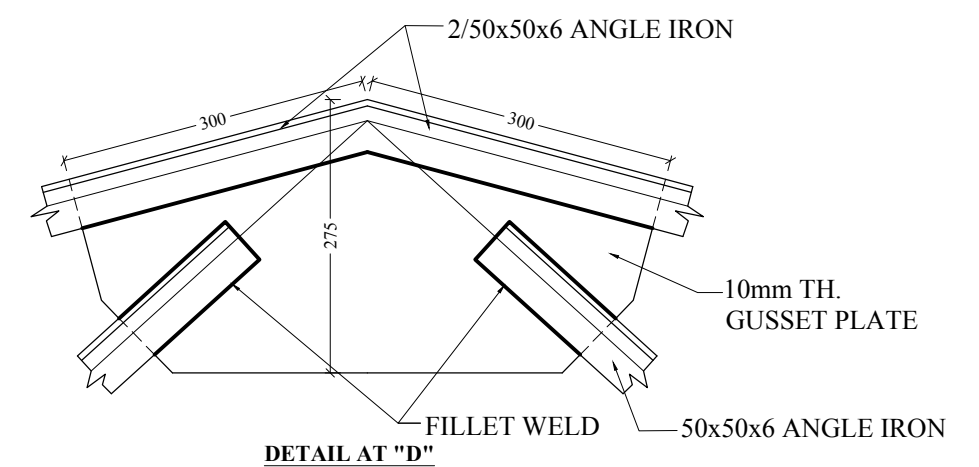
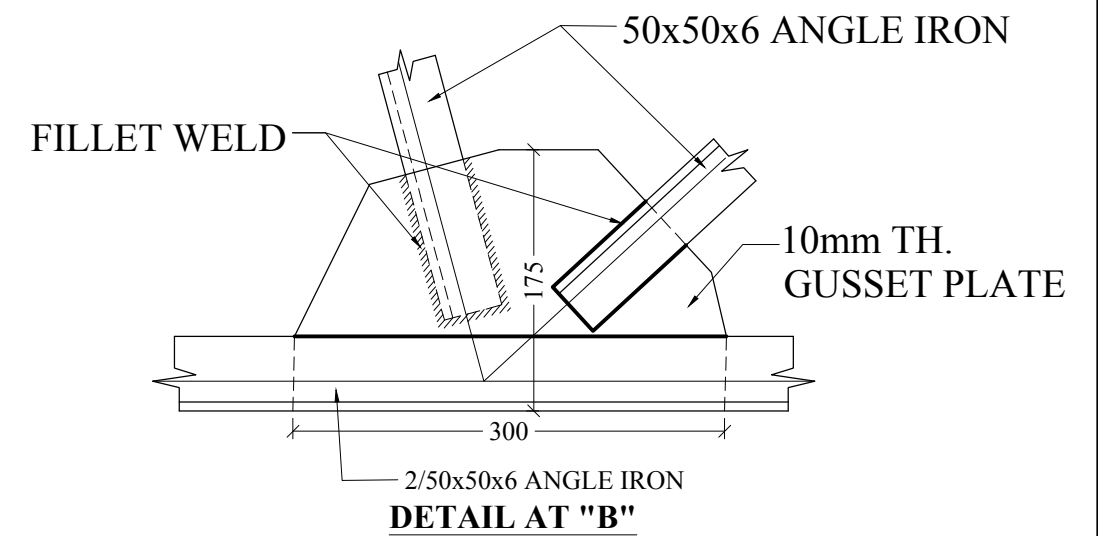
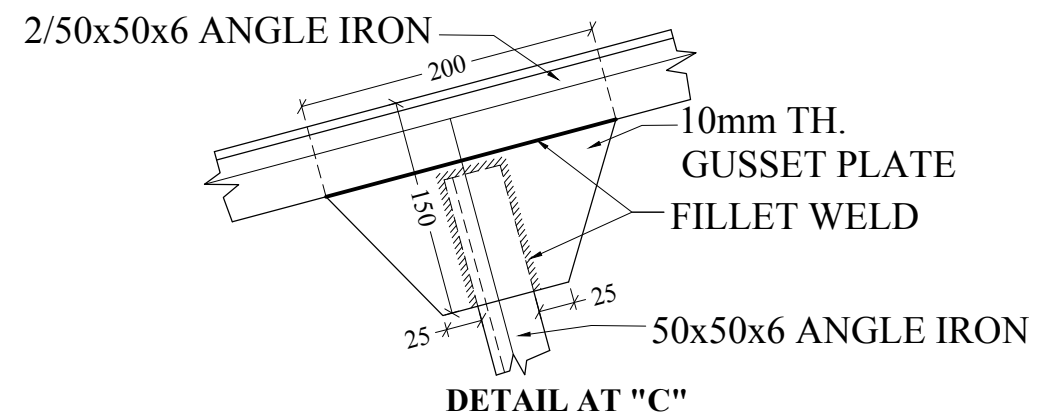
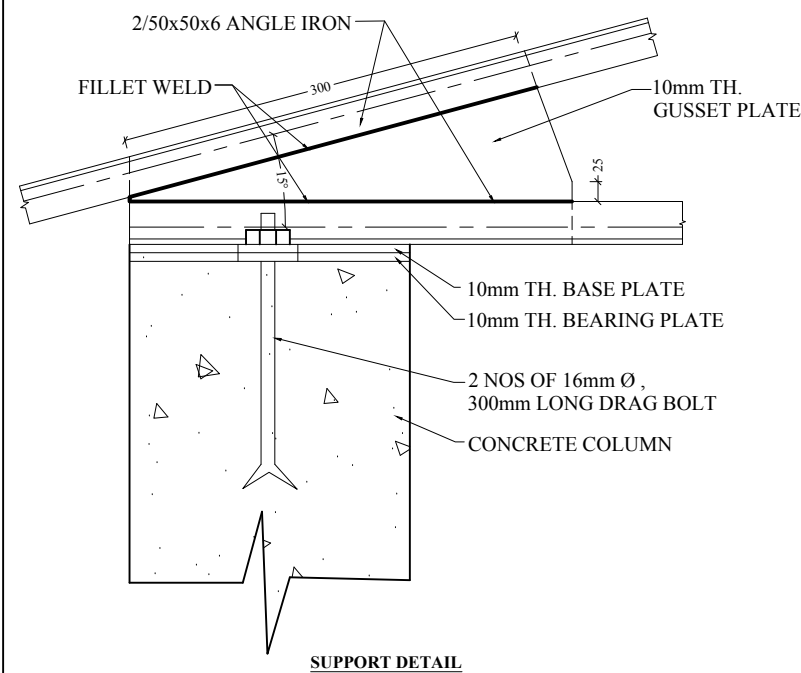


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CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNAMPODIVADAI

DRAWING TITLE	DETAILS OF TRUSS		
DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/SD/006	REV. NO	

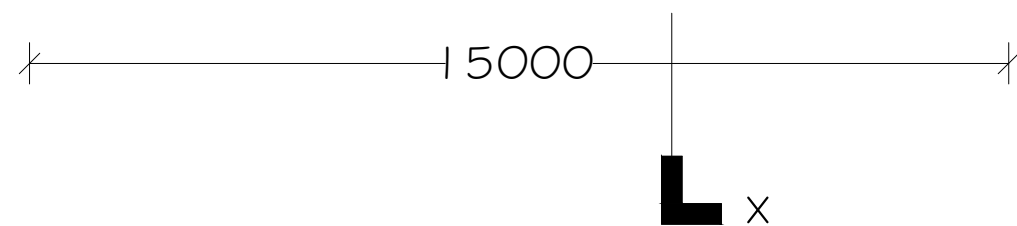
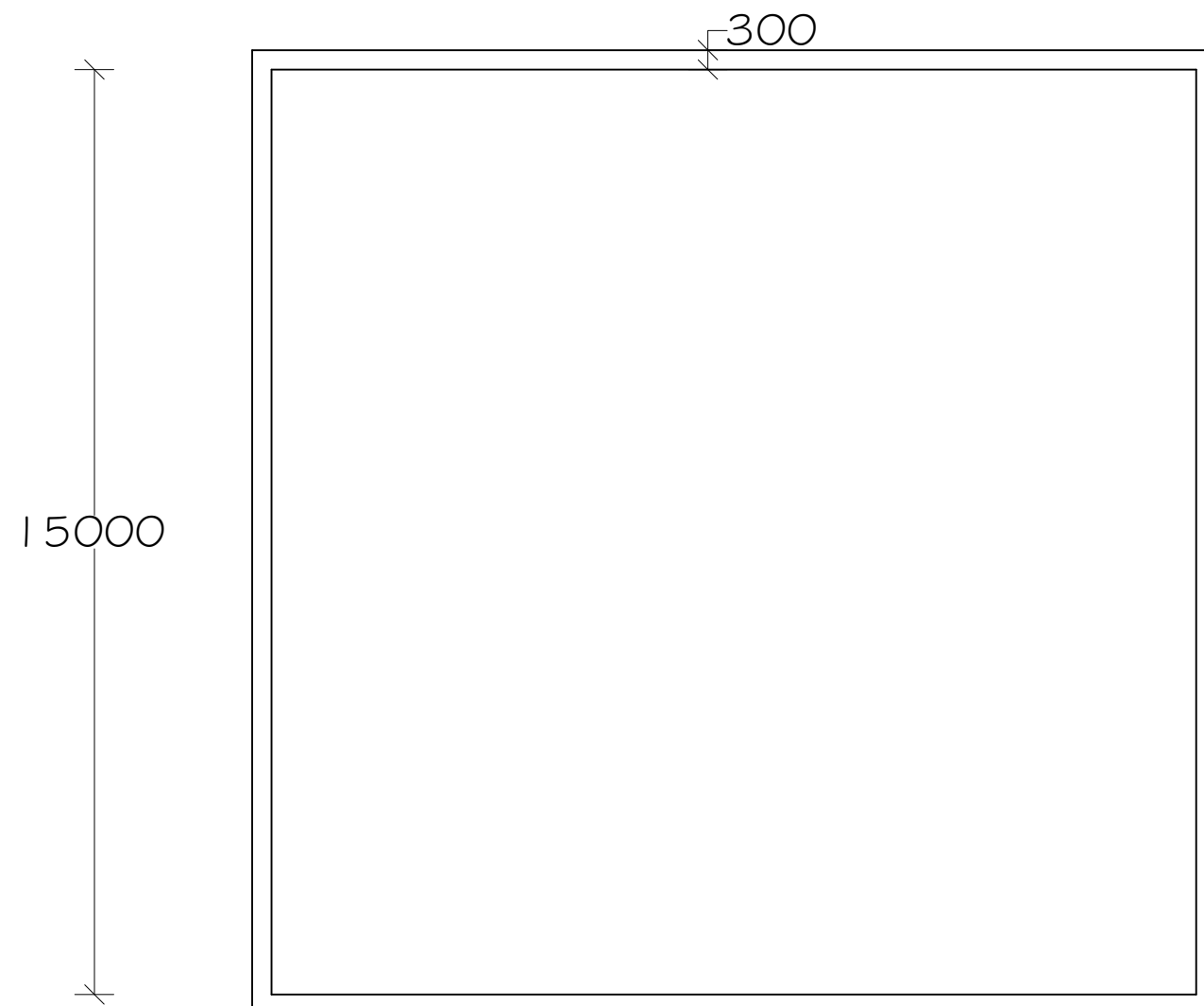
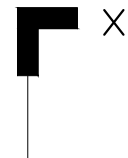


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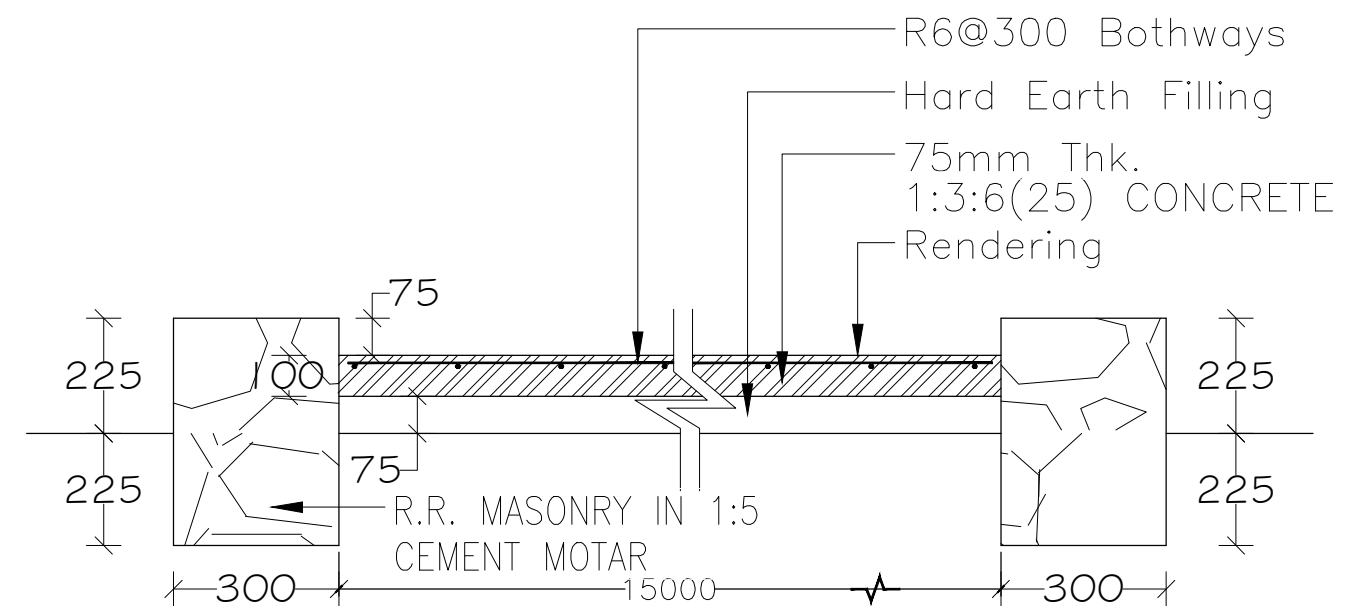
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CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNAMPODIVADAI

DRAWING TITLE	DETAILS OF TRUSS		
DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/SD/007	REV. NO	



PLAN



SECTION X-X

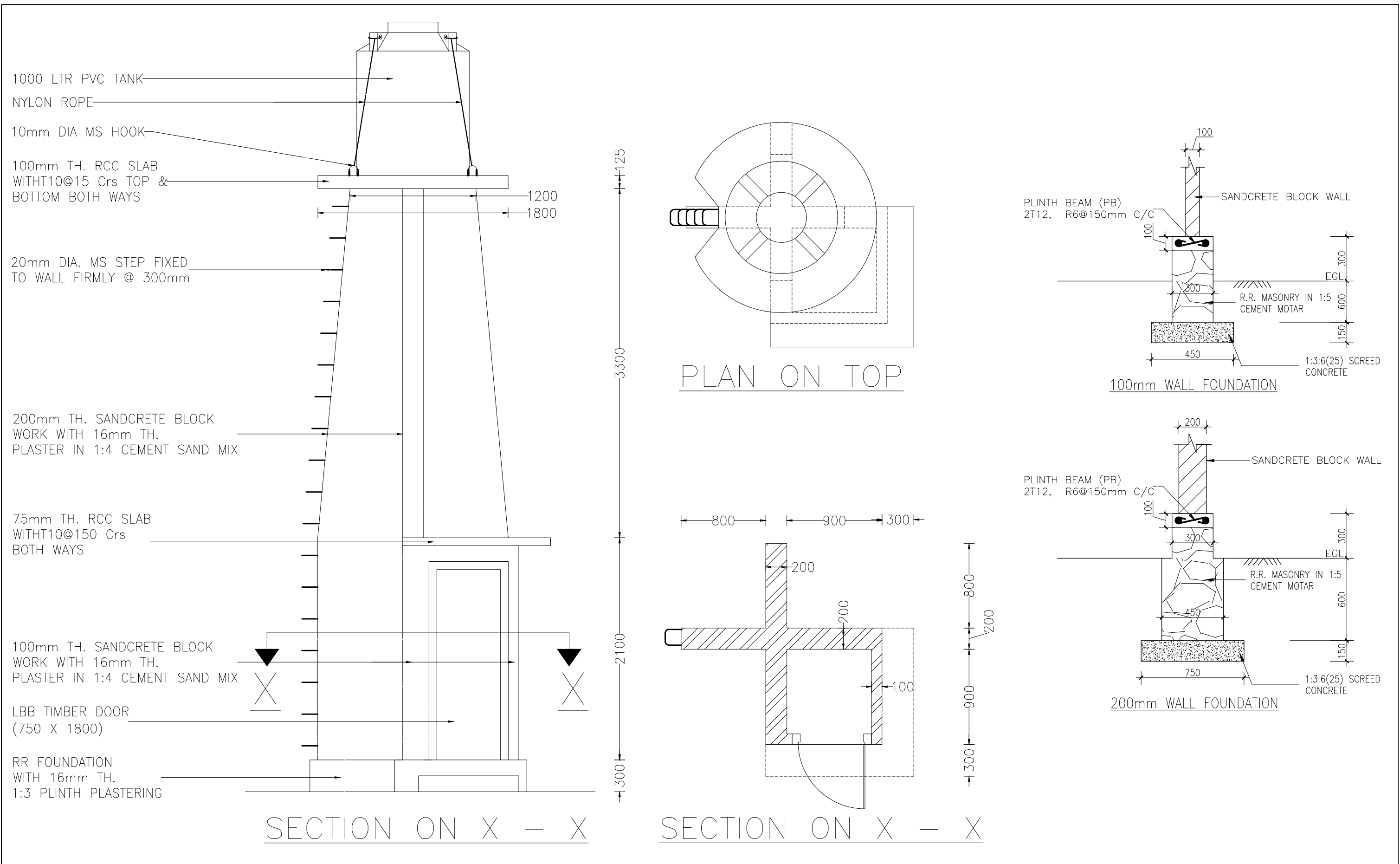


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CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNAMPODIVADAI

DRAWING TITLE	DETAIL OF DRYING BED		
DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/DB/001	REV. NO	

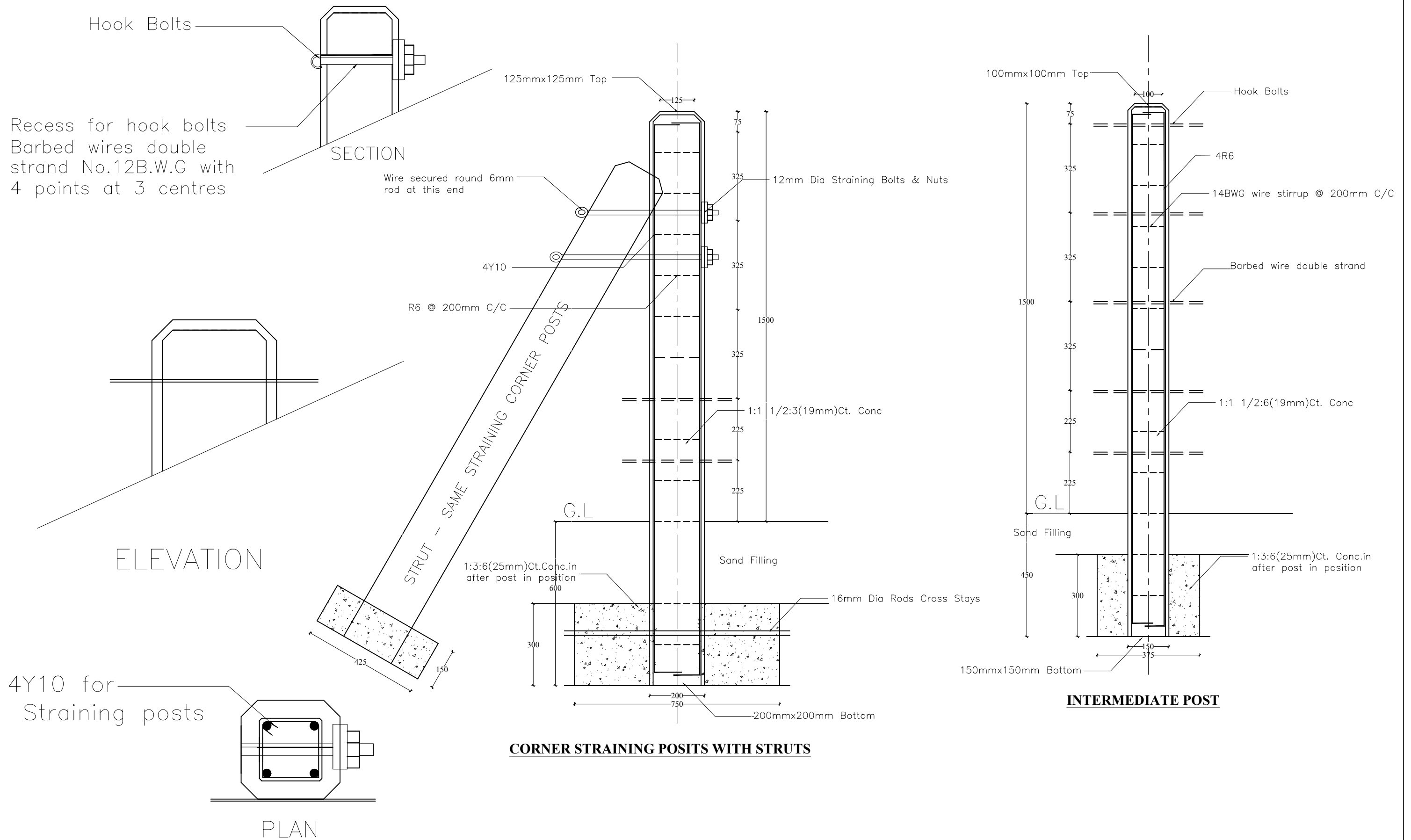


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CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNAMPODIVADAI

DRAWING TITLE	WATER TANK		
DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/WT/001	REV. NO	



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CONSTRUCTION OF SEED PADDY PROCESSING CENTRE AT MUNAMPODIVADAI

DRAWING TITLE	DETAIL OF FENCE POST & CORNER POST		
DRAWN	S.M		
CHECKED	A.T.		
DATE	04.07.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/MU/RPC/FE/001	REV. NO	