



*Empowered lives.  
Resilient nations.*

# INVITATION TO BID

## Construction of Multipurpose Centre at Mayiliddy North, Tellipalai DS Division in Jaffna District.

**LOT 1-** Construction of Multipurpose Centre at Mayiliddy North - Tellipalai DS  
Division in Jaffna District – JAF/RNRA/101335/001/1B/ 04

**ITB No.:** ITB/RNRA II/2018/40

**Project:** RE-SETTLEMENT IN NEWLY RELEASED AREAS (RNRA II)

**Country:** Sri Lanka

**Issued on:** 5 November 2018

# Contents

---

<b>Section 1. Letter of Invitation.....</b>	<b>4</b>
<b>Section 2. Instruction to Bidders .....</b>	<b>5</b>
<b>A. GENERAL PROVISIONS.....</b>	<b>5</b>
1. Introduction.....	5
2. Fraud & Corruption, Gifts and Hospitality.....	5
3. Eligibility.....	5
4. Conflict of Interests .....	6
<b>B. PREPARATION OF BIDS.....</b>	<b>6</b>
5. General Considerations.....	6
6. Cost of Preparation of Bid .....	7
7. Language .....	7
8. Documents Comprising the Bid.....	7
9. Documents Establishing the Eligibility and Qualifications of the Bidder.....	7
10. Technical Bid Format and Content.....	7
11. Price Schedule .....	7
12. Bid Security .....	8
13. Currencies.....	8
14. Joint Venture, Consortium or Association .....	8
15. Only One Bid .....	9
16. Bid Validity Period.....	9
17. Extension of Bid Validity Period .....	10
18. Clarification of Bid (from the Bidders) .....	10
19. Amendment of Bids.....	10
20. Alternative Bids .....	10
21. Pre-Bid Conference.....	10
<b>C. SUBMISSION AND OPENING OF BIDS.....</b>	<b>11</b>
22. Submission.....	11
Hard copy (manual) submission.....	11
Email and eTendering submissions.....	11
23. Deadline for Submission of Bids and Late Bids .....	12
24. Withdrawal, Substitution, and Modification of Bids .....	12
25. Bid Opening.....	12

<b>D. EVALUATION OF BIDS</b>	<b>12</b>
26. Confidentiality	12
27. Evaluation of Bids	13
28. Preliminary Examination	13
29. Evaluation of Eligibility and Qualification	13
30. Evaluation of Technical Bid and prices	13
31. Due diligence	13
32. Clarification of Bids	14
33. Responsiveness of Bid	14
34. Nonconformities, Reparable Errors and Omissions	14
<b>E. AWARD OF CONTRACT</b>	<b>15</b>
35. Right to Accept, Reject, Any or All Bids	15
36. Award Criteria	15
37. Debriefing	15
38. Right to Vary Requirements at the Time of Award	15
39. Contract Signature	15
40. Contract Type and General Terms and Conditions	15
41. Performance Security	15
42. Bank Guarantee for Advanced Payment	16
43. Liquidated Damages	16
44. Payment Provisions	16
45. Vendor Protest	16
46. Other Provisions	16
<b>Section 3. Bid Data Sheet</b>	<b>18</b>
<b>Section 4. Evaluation Criteria</b>	<b>21</b>
<b>Section 5a: Schedule of Requirements and Technical Specifications/Bill of Quantities</b>	<b>Error! Bookmark not defined.</b>
<b>Section 5b: Other Related Requirements</b>	<b>24</b>
<b>Section 6: Returnable Bidding Forms / Checklist</b>	<b>25</b>
Form A: Bid Submission Form	26
Form B: Bidder Information Form	27
Form C: Joint Venture/Consortium/Association Information Form	29
Form D: Eligibility and Qualification Form	30
Form E: Technical Bid FORMAT	32

## Section 1. Letter of Invitation

---

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 and the General Terms and Conditions of Contract which is inserted in the Bid Data Sheet:

- Section 1: This Letter of Invitation
- Section 2: Instruction to Bidders
- Section 3: Bid Data Sheet (BDS)
- Section 4: Evaluation Criteria
- Section 5: Schedule of Requirements and Technical Specifications
- Section 6: Returnable Bidding Forms
  - Form A: Bid Submission Form
  - Form B: Bidder Information Form
  - Form C: Joint Venture/Consortium/Association Information Form
  - Form D: Qualification Form
  - Form E: Format of Technical Bid
  - Form F: Price Schedule
  - Form G: Form of Bid Security

If you are interested in submitting a Bid in response to this ITB, please prepare your Bid in accordance with the requirements and procedure as set out in this ITB and submit it by the Deadline for Submission of Bids set out in Bid Data Sheet.

Please acknowledge receipt of this ITB by sending an email to [procurement.lk@undp.org](mailto:procurement.lk@undp.org), indicating whether you intend to submit a Bid or otherwise. This will enable you to receive amendments or updates to the ITB. Should you require further clarifications, kindly communicate with the contact person/s identified in the attached Data Sheet as the focal point for queries on this ITB.

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

Issued by

Approved by:

---

Name: Nilmini Jayatilake  
Title: Procurement Associate  
Date: **November 5, 2018**

---

Name: Chanaka Liyanage  
Title: Head of Procurement and Administration  
Date: **November 5, 2018**

## Section 2. Instruction to Bidders

GENERAL PROVISIONS	
1. Introduction	<p>1.1 Bidders shall adhere to all the requirements of this ITB, including any amendments made in writing by UNDP. This ITB is conducted in accordance with the UNDP Programme and Operations Policies and Procedures (POPP) on Contracts and Procurement which can be accessed at <a href="https://popp.undp.org/SitePages/POPPBSUnit.aspx?TermID=254a9f96-b883-476a-8ef8-e81f93a2b38d">https://popp.undp.org/SitePages/POPPBSUnit.aspx?TermID=254a9f96-b883-476a-8ef8-e81f93a2b38d</a></p> <p>1.2 Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of the Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this ITB.</p> <p>1.3 UNDP reserves the right to cancel the procurement process at any stage without any liability of any kind for UNDP, upon notice to the bidders or publication of cancellation notice on UNDP website.</p> <p>1.4 As part of the bid, it is desired that the Bidder registers at the United Nations Global Marketplace (UNGM) website (<a href="http://www.ungm.org">www.ungm.org</a>). The Bidder may still submit a bid even if not registered with the UNGM. However, if the Bidder is selected for contract award, the Bidder must register on the UNGM prior to contract signature.</p>
2. Fraud & Corruption, Gifts and Hospitality	<p>2.1 UNDP strictly enforces a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical or unprofessional practices, and obstruction of UNDP vendors and requires all bidders/vendors observe the highest standard of ethics during the procurement process and contract implementation. UNDP's Anti-Fraud Policy can be found at <a href="http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_andinvestigation.html#anti">http://www.undp.org/content/undp/en/home/operations/accountability/audit/office_of_audit_andinvestigation.html#anti</a></p> <p>2.2 Bidders/vendors shall not offer gifts or hospitality of any kind to UNDP staff members including recreational trips to sporting or cultural events, theme parks or offers of holidays, transportation, or invitations to extravagant lunches or dinners.</p> <p>2.3 In pursuance of this policy, UNDP:</p> <p>(a) Shall reject a bid if it determines that the selected bidder has engaged in any corrupt or fraudulent practices in competing for the contract in question;</p> <p>(b) Shall declare a vendor ineligible, either indefinitely or for a stated period, to be awarded a contract if at any time it determines that the vendor has engaged in any corrupt or fraudulent practices in competing for, or in executing a UNDP contract.</p> <p>2.4 All Bidders must adhere to the UN Supplier Code of Conduct, which may be found at <a href="http://www.un.org/depts/ptd/pdf/conduct_english.pdf">http://www.un.org/depts/ptd/pdf/conduct_english.pdf</a></p>
3. Eligibility	<p>3.1 A vendor should not be suspended, debarred, or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other</p>

	<p>international Organization. Vendors are therefore required to disclose to UNDP whether they are subject to any sanction or temporary suspension imposed by these organizations.</p> <p>3.2 It is the Bidder's responsibility to ensure that its employees, joint venture members, sub-contractors, service providers, suppliers and/or their employees meet the eligibility requirements as established by UNDP.</p>
<b>4. Conflict of Interests</b>	<p>4.1 Bidders must strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. 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:</p> <ul style="list-style-type: none"> <li>a) Are or have been associated in the past, with a firm or any of its affiliates which have been engaged by UNDP to provide services for the preparation of the design, specifications, Terms of Reference, cost analysis/estimation, and other documents to be used for the procurement of the goods and services in this selection process;</li> <li>b) Were involved in the preparation and/or design of the programme/project related to the goods and/or services requested under this ITB; or</li> <li>c) Are found to be in conflict for any other reason, as may be established by, or at the discretion of UNDP.</li> </ul> <p>4.2 In the event of any uncertainty in the interpretation of a potential conflict of interest, Bidders must disclose to UNDP, and seek UNDP's confirmation on whether or not such conflict exists.</p> <p>4.3 Similarly, the Bidders must disclose in their Bid their knowledge of the following:</p> <ul style="list-style-type: none"> <li>a) If the owners, part-owners, officers, directors, controlling shareholders, of the bidding entity or key personnel who are family members of UNDP staff involved in the procurement functions and/or the Government of the country or any Implementing Partner receiving goods and/or services under this ITB; and</li> <li>b) All other circumstances that could potentially lead to actual or perceived conflict of interest, collusion or unfair competition practices.</li> </ul> <p>Failure to disclose such an information may result in the rejection of the Bid or Bids affected by the non-disclosure.</p> <p>4.4 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, operated and managed as an independent business entity, the extent of Government ownership/share, receipt of subsidies, mandate and access to information in relation to this ITB, among others. Conditions that may lead to undue advantage against other Bidders may result in the eventual rejection of the Bid.</p>
<b>B. PREPARATION OF BIDS</b>	
<b>5. General Considerations</b>	<p>5.1 In preparing the Bid, the Bidder is expected to examine the ITB in detail. Material deficiencies in providing the information requested in the ITB may result in rejection of the Bid.</p>

	5.2	The Bidder will not be permitted to take advantage of any errors or omissions in the ITB. Should such errors or omissions be discovered, the Bidder must notify the UNDP accordingly.
<b>6. Cost of Preparation of Bid</b>	6.1	The Bidder shall bear all costs related to the preparation and/or submission of the Bid, regardless of whether its Bid is selected or not. UNDP shall not be responsible or liable for those costs, regardless of the conduct or outcome of the procurement process.
<b>7. Language</b>	7.1	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 BDS.
<b>8. Documents Comprising the Bid</b>	8.1	<p>The Bid shall comprise of the following documents and related forms which details are provided in the BDS:</p> <ul style="list-style-type: none"> <li>a) Documents Establishing the Eligibility and Qualifications of the Bidder;</li> <li>b) Technical Bid;</li> <li>c) Price Schedule;</li> <li>d) Bid Security, if required by BDS;</li> <li>e) Any attachments and/or appendices to the Bid.</li> </ul>
<b>9. Documents Establishing the Eligibility and Qualifications of the Bidder</b>	9.1	The Bidder shall furnish documentary evidence of its status as an eligible and qualified vendor, using the Forms provided under Section 6 and providing documents required in those forms. In order to award a contract to a Bidder, its qualifications must be documented to UNDP's satisfaction.
<b>10. Technical Bid Format and Content</b>	10.1	The Bidder is required to submit a Technical Bid using the Standard Forms and templates provided in Section 6 of the ITB.
	10.2	Samples of items, when required as per Section 5, shall be provided within the time specified and unless otherwise specified by the Purchaser, at no expense to the UNDP. If not destroyed by testing, samples will be returned at Bidder's request and expense, unless otherwise specified.
	10.3	When applicable and required as per Section 5, the Bidder shall describe the necessary training programme available for the maintenance and operation of the equipment offered as well as the cost to the UNDP. Unless otherwise specified, such training as well as training materials shall be provided in the language of the Bid as specified in the BDS.
	10.4	When applicable and required as per Section 5, the Bidder shall certify the availability of spare parts for a period of at least five (5) years from date of delivery, or as otherwise specified in this ITB.
<b>11. Price Schedule</b>	11.1	The Price Schedule shall be prepared using the Form provided in Section 6 of the ITB and taking into consideration the requirements in the ITB.
	11.2	Any requirement described in the Technical Bid but not priced in the Price Schedule, shall be assumed to be included in the prices of other activities or items, as well as in the final total price.

<b>12. Bid Security</b>	<p>12.1 A Bid Security, if required by BDS, shall be provided in the amount and form indicated in the BDS. The Bid Security shall be valid for a minimum of thirty (30) days after the final date of validity of the Bid.</p> <p>12.2 The Bid Security shall be included along with the Bid. If Bid Security is required by the ITB but is not found in the Bid, the offer shall be rejected.</p> <p>12.3 If the Bid Security amount or its validity period is found to be less than what is required by UNDP, UNDP shall reject the Bid.</p> <p>12.4 In the event an electronic submission is allowed in the BDS, Bidders shall include a copy of the Bid Security in their bid and the original of the Bid Security must be sent via courier or hand delivery as per the instructions in BDS.</p> <p>12.5 The Bid Security may be forfeited by UNDP, and the Bid rejected, in the event of any, or combination, of the following conditions:</p> <ul style="list-style-type: none"> <li>a) If the Bidder withdraws its offer during the period of the Bid Validity specified in the BDS, or;</li> <li>b) In the event the successful Bidder fails: <ul style="list-style-type: none"> <li>i. to sign the Contract after UNDP has issued an award; or</li> <li>ii. to furnish the Performance Security, insurances, or other documents that UNDP may require as a condition precedent to the effectivity of the contract that may be awarded to the Bidder.</li> </ul> </li> </ul>
<b>13. Currencies</b>	<p>13.1 All prices shall be quoted in the currency or currencies indicated in the BDS. Where Bids are quoted in different currencies, for the purposes of comparison of all Bids:</p> <ul style="list-style-type: none"> <li>a) 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 Bids; and</li> <li>b) In the event that UNDP selects a Bid for award that is quoted in a currency different from the preferred currency in the BDS, UNDP shall reserve the right to award the contract in the currency of UNDP's preference, using the conversion method specified above.</li> </ul>
<b>14. Joint Venture, Consortium or Association</b>	<p>14.1 If the Bidder is a group of legal entities that will form or have formed a Joint Venture (JV), Consortium or Association for 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 JV, Consortium or Association jointly and severally, which shall be evidenced by a duly notarized Agreement among the legal entities, and submitted 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 the member entities comprising the joint venture.</p> <p>14.2 After the Deadline for Submission of Bid, the lead entity identified to represent the JV, Consortium or Association shall not be altered without the prior written consent of UNDP.</p> <p>14.3 The lead entity and the member entities of the JV, Consortium or Association shall abide by the provisions of Clause 15 herein in respect of submitting only</p>



	<p>one Bid.</p> <p>14.4 The description of the organization of the JV, Consortium or Association must clearly define the expected role of each of the entities in the joint venture in delivering the requirements of the ITB, both in the Bid and the JV, Consortium or Association Agreement. All entities that comprise the JV, Consortium or Association shall be subject to the eligibility and qualification assessment by UNDP.</p> <p>14.5 A JV, Consortium or Association in presenting its track record and experience should clearly differentiate between:</p> <ul style="list-style-type: none"> <li>a) Those that were undertaken together by the JV, Consortium or Association; and</li> <li>b) Those that were undertaken by the individual entities of the JV, Consortium or Association.</li> </ul> <p>14.6 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 JV, Consortium or Association or those of its members, but should only be claimed by the individual experts themselves in their presentation of their individual credentials</p> <p>14.7 JV, Consortium or Associations are encouraged for high value, multi-sectoral requirements when the spectrum of expertise and resources required may not be available within one firm.</p>
<b>15. Only One Bid</b>	<p>15.1 The Bidder (including the individual members of any Joint Venture) shall submit only one Bid, either in its own name or as part of a Joint Venture.</p> <p>15.2 Bids submitted by two (2) or more Bidders shall all be rejected if they are found to have any of the following:</p> <ul style="list-style-type: none"> <li>a) they have at least one controlling partner, director or shareholder in common; or</li> <li>b) any one of them receive or have received any direct or indirect subsidy from the other/s; or</li> <li>c) they have the same legal representative for purposes of this ITB; or</li> <li>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;</li> <li>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 some key personnel proposed to be in the team of one Bidder participates in more than one Bid received for this ITB process. This condition relating to the personnel, does not apply to subcontractors being included in more than one Bid.</li> </ul>
<b>16. Bid Validity Period</b>	<p>16.1 Bids shall remain valid for the period specified in the BDS, commencing on the Deadline for Submission of Bids. A Bid valid for a shorter period may be rejected by UNDP and rendered non-responsive.</p> <p>16.2 During the Bid validity period, the Bidder shall maintain its original Bid without any change, including the availability of the Key Personnel, the proposed rates</p>

	and the total price.
<b>17. Extension of Bid Validity Period</b>	<p>17.1 In exceptional circumstances, prior to the expiration of the Bid validity period, UNDP may request Bidders to extend the period of validity of their Bids. The request and the responses shall be made in writing, and shall be considered integral to the Bid.</p> <p>17.2 If the Bidder agrees to extend the validity of its Bid, it shall be done without any change to the original Bid.</p> <p>17.3 The Bidder has the right to refuse to extend the validity of its Bid, in which case, the Bid shall not be further evaluated.</p>
<b>18. Clarification of Bid (from the Bidders)</b>	<p>18.1 Bidders may request clarifications on any of the ITB documents no later than the date indicated in the BDS. Any request for clarification must be sent in writing in the manner indicated in the BDS. If inquiries are sent other than specified channel, even if they are sent to a UNDP staff member, UNDP shall have no obligation to respond or confirm that the query was officially received.</p> <p>18.2 UNDP will provide the responses to clarifications through the method specified in the BDS.</p> <p>18.3 UNDP shall endeavour to provide 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 Bids, unless UNDP deems that such an extension is justified and necessary.</p>
<b>19. Amendment of Bids</b>	<p>19.1 At any time prior to the deadline of Bid submission, UNDP may for any reason, such as in response to a clarification requested by a Bidder, modify the ITB in the form of an amendment to the ITB. Amendments will be made available to all prospective bidders.</p> <p>19.2 If the amendment is substantial, UNDP may extend the Deadline for submission of Bid to give the Bidders reasonable time to incorporate the amendment into their Bids.</p>
<b>20. Alternative Bids</b>	<p>20.1 Unless otherwise specified in the BDS, alternative Bids shall not be considered. If submission of alternative Bid is allowed by BDS, a Bidder may submit an alternative Bid, but only if it also submits a Bid conforming to the ITB requirements. 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.</p> <p>20.2 If multiple/alternative bids are being submitted, they must be clearly marked as "Main Bid" and "Alternative Bid"</p>
<b>21. Pre-Bid Conference</b>	<p>21.1 When appropriate, a pre-bid conference will be conducted at the date, time and location specified in the BDS. 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 disseminated on the procurement website and shared by email or on the e-Tendering platform as specified in the BDS. No verbal statement made during the conference shall modify the terms</p>

	and conditions of the ITB, unless specifically incorporated in the Minutes of the Bidder's Conference or issued/posted as an amendment to ITB.
<b>C. SUBMISSION AND OPENING OF BIDS</b>	
<b>22. Submission</b>	<p>22.1 The Bidder shall submit a duly signed and complete Bid comprising the documents and forms in accordance with requirements in the BDS. The Price Schedule shall be submitted together with the Technical Bid. Bid can be delivered either personally, by courier, or by electronic method of transmission as specified in the BDS.</p> <p>22.2 The Bid shall be signed by the Bidder or person(s) duly authorized to commit the Bidder. The authorization shall be communicated through a document evidencing such authorization issued by the legal representative of the bidding entity, or a Power of Attorney, accompanying the Bid.</p> <p>22.3 Bidders must be aware that the mere act of submission of a Bid, in and of itself, implies that the Bidder fully accepts the UNDP General Contract Terms and Conditions.</p>
<b>Hard copy (manual) submission</b>	<p>22.4 Hard copy (manual) submission by courier or hand delivery allowed or specified in the BDS shall be governed as follows:</p> <p>a) The signed Bid shall be marked "Original", and its copies marked "Copy" as appropriate. The number of copies is indicated in the BDS. All copies shall be made from the signed original only. If there are discrepancies between the original and the copies, the original shall prevail.</p> <p>(b) The Technical Bid and Price Schedule must be sealed and submitted together in an envelope, which shall:</p> <ol style="list-style-type: none"> <li>Bear the name of the Bidder;</li> <li>Be addressed to UNDP as specified in the BDS; and</li> <li>Bear a warning not to open before the time and date for Bid opening as specified in the BDS.</li> </ol> <p>If the envelope with the Bid is not sealed and marked as required, UNDP shall assume no responsibility for the misplacement, loss, or premature opening of the Bid.</p>
<b>Email and eTendering submissions</b>	<p>22.5 Electronic submission through email or eTendering, if allowed as specified in the BDS, shall be governed as follows:</p> <ol style="list-style-type: none"> <li>Electronic files that form part of the Bid must be in accordance with the format and requirements indicated in BDS;</li> <li>Documents which are required to be in original form (e.g. Bid Security, etc.) must be sent via courier or hand delivered as per the instructions in BDS.</li> </ol> <p>22.6 Detailed instructions on how to submit, modify or cancel a bid in the eTendering system are provided in the eTendering system Bidder User Guide and Instructional videos available on this link:  <a href="http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notice/resources/">http://www.undp.org/content/undp/en/home/operations/procurement/business/procurement-notice/resources/</a></p>

<b>23. Deadline for Submission of Bids and Late Bids</b>	<p>23.1 Complete Bids must be received by UNDP in the manner, and no later than the date and time, specified in the BDS. UNDP shall only recognise the actual date and time that the bid was received by UNDP</p> <p>23.2 UNDP shall not consider any Bid that is received after the deadline for the submission of Bids.</p>
<b>24. Withdrawal, Substitution, and Modification of Bids</b>	<p>24.1 A Bidder may withdraw, substitute or modify its Bid after it has been submitted at any time prior to the deadline for submission.</p> <p>24.2 Manual and Email submissions: A bidder may withdraw, substitute or modify its Bid by sending a written notice to UNDP, 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, if any, must accompany the respective written notice. All notices must be submitted in the same manner as specified for submission of Bids, by clearly marking them as "WITHDRAWAL" "SUBSTITUTION," or "MODIFICATION"</p> <p>24.3 eTendering: A Bidder may withdraw, substitute or modify its Bid by Cancelling, Editing, and re-submitting the Bid directly in the system. It is the responsibility of the Bidder to properly follow the system instructions, duly edit and submit a substitution or modification of the Bid as needed. Detailed instructions on how to cancel or modify a Bid directly in the system are provided in the Bidder User Guide and Instructional videos.</p> <p>24.4 Bids requested to be withdrawn shall be returned unopened to the Bidders (only for manual submissions), except if the bid is withdrawn after the bid has been opened.</p>
<b>25. Bid Opening</b>	<p>25.1 UNDP will open the Bid in the presence of an ad-hoc committee formed by UNDP of at least two (2) members.</p> <p>25.2 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 submissions, in which case, the Bid shall be returned unopened to the Bidders.</p> <p>25.3 In the case of e-Tendering submission, bidders will receive an automatic notification once the Bid is opened.</p>
<b>D. EVALUATION OF BIDS</b>	
<b>26. Confidentiality</b>	<p>26.1 Information relating to the examination, evaluation, and comparison of Bids, 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.</p> <p>26.2 Any effort by a Bidder or anyone on behalf of the Bidder to influence UNDP in the examination, evaluation and comparison of the Bids or contract award decisions may, at UNDP's decision, result in the rejection of its Bid and may subsequently be subject to the application of prevailing UNDP's vendor sanctions procedures.</p>

<b>27. Evaluation of Bids</b>	<p>27.1 UNDP will conduct the evaluation solely on the basis of the Bids received.</p> <p>27.2 Evaluation of Bids shall be undertaken in the following steps:</p> <ul style="list-style-type: none"> <li>a) Preliminary Examination including Eligibility</li> <li>b) Arithmetical check and ranking of bidders who passed preliminary examination by price.</li> <li>c) Qualification assessment (if pre-qualification was not done)</li> <li>a) Evaluation of Technical Bids</li> <li>b) Evaluation of prices</li> </ul> <p>Detailed evaluation will be focussed on the 3 - 5 lowest priced bids. Further higher priced bids shall be added for evaluation if necessary</p>
<b>28. Preliminary Examination</b>	<p>28.1 UNDP shall examine the Bids to determine whether they are complete with respect to minimum documentary requirements, whether the documents have been properly signed, and whether the Bids are generally in order, among other indicators that may be used at this stage. UNDP reserves the right to reject any Bid at this stage.</p>
<b>29. Evaluation of Eligibility and Qualification</b>	<p>29.1 Eligibility and Qualification of the Bidder will be evaluated against the Minimum Eligibility/Qualification requirements specified in the Section 4 (Evaluation Criteria).</p> <p>29.2 In general terms, vendors that meet the following criteria may be considered qualified:</p> <ul style="list-style-type: none"> <li>a) They are not included in the UN Security Council 1267/1989 Committee's list of terrorists and terrorist financiers, and in UNDP's ineligible vendors' list;</li> <li>b) They have a good financial standing and have access to adequate financial resources to perform the contract and all existing commercial commitments,</li> <li>c) They have the necessary similar experience, technical expertise, production capacity, quality certifications, quality assurance procedures and other resources applicable to the supply of goods and/or services required;</li> <li>d) They are able to comply fully with the UNDP General Terms and Conditions of Contract;</li> <li>e) They do not have a consistent history of court/arbitral award decisions against the Bidder; and</li> <li>f) They have a record of timely and satisfactory performance with their clients.</li> </ul>
<b>30. Evaluation of Technical Bid and prices</b>	<p>30.1 The evaluation team shall review and evaluate the Technical 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 BDS and other ITB documents. When necessary, and if stated in the BDS, UNDP may invite technically responsive bidders for a presentation related to their technical Bids. The conditions for the presentation shall be provided in the bid document where required.</p>
<b>31. Due diligence</b>	<p>31.1 UNDP reserves the right to undertake a due diligence exercise, aimed at determining to its satisfaction, the validity of the information provided by the Bidder. Such exercise shall be fully documented and may include, but need not be limited to, all or any combination of the following:</p>

	<ul style="list-style-type: none"> <li>a) Verification of accuracy, correctness and authenticity of information provided by the Bidder;</li> <li>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;</li> <li>c) Inquiry and reference checking with Government entities with jurisdiction on the Bidder, or with previous clients, or any other entity that may have done business with the Bidder;</li> <li>d) Inquiry and reference checking with previous clients on the performance on on-going or completed contracts, including physical inspections of previous works, as deemed necessary;</li> <li>e) Physical inspection of the Bidder's offices, branches or other places where business transpires, with or without notice to the Bidder;</li> <li>f) Other means that UNDP may deem appropriate, at any stage within the selection process, prior to awarding the contract.</li> </ul>
<b>32. Clarification of Bids</b>	<p>32.1 To assist in the examination, evaluation and comparison of Bids, UNDP may, at its discretion, request any Bidder for a clarification of its Bid.</p> <p>32.2 UNDP's request for clarification and the response shall be in writing and 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 Bids, in accordance with the ITB.</p> <p>32.3 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 Bids.</p>
<b>33. Responsiveness of Bid</b>	<p>33.1 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, specifications and other requirements of the ITB without material deviation, reservation, or omission.</p> <p>33.2 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.</p>
<b>34. Nonconformities, Repairable Errors and Omissions</b>	<p>34.1 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.</p> <p>34.2 UNDP may request the Bidder to submit the necessary information or documentation, within a reasonable period, 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.</p> <p>34.3 For the bids that have passed the preliminary examination, UNDP shall check and correct arithmetical errors as follows:</p> <ul style="list-style-type: none"> <li>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</li> </ul>

	<p>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;</p> <p>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</p> <p>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.</p> <p>34.4 If the Bidder does not accept the correction of errors made by UNDP, its Bid shall be rejected.</p>
<b>E. AWARD OF CONTRACT</b>	
<b>35. Right to Accept, Reject, Any or All Bids</b>	35.1 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. UNDP shall not be obliged to award the contract to the lowest priced offer.
<b>36. Award Criteria</b>	36.1 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.
<b>37. Debriefing</b>	37.1 In the event that a Bidder is unsuccessful, the Bidder may request for a debriefing from UNDP. The purpose of the debriefing is to discuss the strengths and weaknesses of the Bidder's submission, in order to assist the Bidder in improving its future Bids for UNDP procurement opportunities. The content of other Bids and how they compare to the Bidder's submission shall not be discussed.
<b>38. Right to Vary Requirements at the Time of Award</b>	38.1 At the time of award of Contract, UNDP reserves the right to vary the quantity of goods and/or 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.
<b>39. Contract Signature</b>	39.1 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 to do so may 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 Second highest rated or call for new Bids.
<b>40. Contract Type and General Terms and Conditions</b>	40.1 The types of Contract to be signed and the applicable UNDP Contract General Terms and Conditions, as specified in BDS, can be accessed at <a href="http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html">http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</a>
<b>41. Performance Security</b>	41.1 A performance security, if required in the BDS, shall be provided in the amount specified in BDS and form available at <a href="https://popp.undp.org/layouts/15/WopiFrame.aspx?sourcedoc=/UNDP_POPP_DOCUMENT_LIBRARY/Public/PSU_Solicitation_Performance%20Guarantee%20">https://popp.undp.org/layouts/15/WopiFrame.aspx?sourcedoc=/UNDP_POPP_DOCUMENT_LIBRARY/Public/PSU_Solicitation_Performance%20Guarantee%20</a>

	<p><a href="#">Form.docx&amp;action=default</a> within a maximum of fifteen (15) days of the contract signature by both parties. Where a performance security is required, the receipt of the performance security by UNDP shall be a condition for rendering the contract effective.</p>
<b>42. Bank Guarantee for Advanced Payment</b>	<p>42.1 Except when the interests of UNDP so require, it is UNDP's standard practice to not make advance payment(s) (i.e., payments without having received any outputs). If an advance payment is allowed as per the BDS, and exceeds 20% of the total contract price, or USD 30,000, whichever is less, the Bidder shall submit a Bank Guarantee in the full amount of the advance payment in the form available at <a href="https://popp.undp.org/_layouts/15/WopiFrame.aspx?sourcedoc=/UNDP_POPP_DOCUMENT_LIBRARY/Public/PSU_Contract%20Management%20Payment%20and%20Taxes_Advanced%20Payment%20Guarantee%20Form.docx&amp;action=default">https://popp.undp.org/_layouts/15/WopiFrame.aspx?sourcedoc=/UNDP_POPP_DOCUMENT_LIBRARY/Public/PSU_Contract%20Management%20Payment%20and%20Taxes_Advanced%20Payment%20Guarantee%20Form.docx&amp;action=default</a></p>
<b>43. Liquidated Damages</b>	<p>43.1 If specified in the BDS, UNDP shall apply Liquidated Damages for the damages and/or risks caused to UNDP resulting from the Contractor's delays or breach of its obligations as per Contract.</p>
<b>44. Payment Provisions</b>	<p>44.1 Payment will be made only upon UNDP's acceptance of the goods and/or services performed. The terms of payment shall be within thirty (30) days, after receipt of invoice and certification of acceptance of goods and/or services issued by the proper authority in UNDP with direct supervision of the Contractor. Payment will be effected by bank transfer in the currency of the contract.</p>
<b>45. Vendor Protest</b>	<p>45.1 UNDP's vendor protest procedure provides an opportunity for appeal to those persons or firms not awarded a 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: <a href="http://www.undp.org/content/undp/en/home/procurement/business/protest-and-sanctions.html">http://www.undp.org/content/undp/en/home/procurement/business/protest-and-sanctions.html</a></p>
<b>46. Other Provisions</b>	<p>46.1 In the event that the Bidder offers a lower price to the host Government (e.g. General Services Administration (GSA) of the federal government of the United States of America) for similar goods and/or services, UNDP shall be entitled to the same lower price. The UNDP General Terms and Conditions shall have precedence.</p> <p>46.2 UNDP is entitled to receive the same pricing offered by the same Contractor in contracts with the United Nations and/or its Agencies. The UNDP General Terms and Conditions shall have precedence.</p> <p>46.3 The United Nations has established restrictions on employment of (former) UN staff who have been involved in the procurement process as per bulletin ST/SGB/2006/15 <a href="http://www.un.org/en/ga/search/view_doc.asp?symbol=ST/SGB/2006/15&amp;referer">http://www.un.org/en/ga/search/view_doc.asp?symbol=ST/SGB/2006/15&amp;referer</a></p>



## Section 3. Bid Data Sheet

The following data for the goods and/or services to be procured shall complement, supplement, or amend the provisions in the Invitation to Bid In the case of a conflict between the Instructions to Bidders, the Bid Data Sheet, and other annexes or references attached to the Bid Data Sheet, the provisions in the Bid Data Sheet shall prevail.

BDS No.	Ref. to Section.2	Data	Specific Instructions / Requirements
1	7	Language of the Bid	English
2		Submitting Bids for Parts or sub-parts of the Schedule of Requirements (partial bids)	Not Allowed
3	20	Alternative Bids	Shall not be considered
4	21	Pre-Bid conference and Site Inspection	<p>Will be Conducted</p> <p><b>Site Inspection</b>  Time: 9.30 am to 10.30 am Sri Lanka Time  Date : November 12, 2018 9:30 AM</p> <p><b>Pre-Bid conference</b>  Time: 2pm Sri Lanka Time  Date : November 12, 2018 2:00 PM  Venue : UNDP Project Office,  District Secretariat,  Kandy Road, Jaffna</p> <p>The UNDP focal point for the arrangement is:  [ Mr. Rasanayagam Sharvanandha  Telephone: 021 222 2277  E-mail: rasanayagam.sharvanandha@undp.org</p>
5	16	Bid Validity Period	90 days
6	13	Bid Security	Required in the amount of LKR 110,000.00, valid for 120 days from bid closing date.

			Acceptable Forms of Bid Security <ul style="list-style-type: none"> <li>▪ Bank Guarantee (See Section 6 Form G for template)</li> </ul>
7	41	Advanced Payment upon signing of contract	Allowed up to a maximum of 20% of contract value Advance bond guarantee from a bank is required for the full advance payment amount.
8	42	Liquidated Damages	Will be imposed as follows: Percentage of contract price per week of delay: 0.5% Max. number of weeks of delay 20 weeks, after which UNDP may terminate the contract.
9	40	Performance Security	Required for 10% of the contract value
10	12	Currency of Bid	Local currency LKR
11	31	Deadline for submitting requests for clarifications/ questions	05 days before the submission deadline
12	31	Contact Details for submitting clarifications/questions	Focal Person in UNDP: Mr. L. Rex Ravel Address: 202-204 Bauddhaloka Mawatha, Colombo 07, Sri Lanka E-mail address: leenus.ravel@undp.org
13	18, 19 and 21	Manner of Disseminating Supplemental Information to the ITB and responses/clarifications to queries	Direct communication to prospective Proposers by email
14	23	Deadline for Submission	November 19, 2018 2:00 PM Sri Lanka Time zone
14	22	Allowable Manner of Submitting Bids	<input checked="" type="checkbox"/> Courier/Hand Delivery
15	22	Bid Submission Address	Head of Procurement United Nations Development Programme 202-204 Bauddhaloka Mawatha Colombo 07 Sri Lanka

16	22	Electronic submission (email or eTendering) requirements  <b>Not Applicable for this procurement</b>	<ul style="list-style-type: none"> <li>Format: PDF files only</li> <li>File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard.</li> <li>All files must be free of viruses and not corrupted.</li> <li>Max. File Size per transmission: [Specify]</li> <li>Mandatory subject of email: [Specify]</li> <li>Documents which are required in original (e.g. Bid Security) should be sent to the below address with a PDF copy submitted as part of the electronic submission: [Insert Address]</li> </ul>
17	25	Date, time and venue for the opening of bid	Date and Time: November 19, 2018 2:30 PM Venue: UN CONFERENCE ROOM
18	27, 36	Evaluation Method for the Award of Contract	Lowest priced technically responsive, eligible and qualified bid.
19		Expected date for commencement of Contract	<i>December 10, 2018</i>
20		Maximum expected duration of contract	4 months
21	35	UNDP will award the contract to:	One or more Proposers, depending on the following factors :
22	39	Type of Contract	Contract for Civil Works <a href="http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html">http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</a>
23	39	UNDP Contract Terms and Conditions that will apply	UNDP General Terms and Conditions for Works <a href="http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html">http://www.undp.org/content/undp/en/home/procurement/business/how-we-buy.html</a>
24		Other Information Related to the ITB	<i>[All other instructions and information not yet mentioned so far in this Data Sheet but are relevant to the ITB must be cited here, and any further entries that may be added below this table row]</i>

## Section 4. Evaluation Criteria

### Preliminary Examination Criteria

Bids will be examined to determine whether they are complete and submitted in accordance with ITB requirements as per below criteria on a Yes/No basis:

- Appropriate signatures
- Power of Attorney
- Minimum Bid documents provided
- Bid Validity
- Bid Security submitted as per ITB requirements with compliant validity period

### Minimum Eligibility and Qualification Criteria

Eligibility and Qualification will be evaluated on a Pass/Fail basis.

If the Bid is submitted as a Joint Venture/Consortium/Association, each member should meet the minimum criteria, unless otherwise specified.

Subject	Criteria	Document Submission requirement
<b>ELIGIBILITY</b>		
<b>Legal Status</b>	Vendor is a legally registered entity.	Form B: Bidder Information Form
<b>Eligibility</b>	Vendor is not suspended, nor debarred, nor otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization in accordance with ITB clause 3.	Form A: Bid Submission Form
<b>Conflict of Interest</b>	No conflicts of interest in accordance with ITB clause 4.	Form A: Bid Submission Form
<b>Bankruptcy</b>	Has not declared bankruptcy, is not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against the vendor that could impair its operations in the foreseeable future.	Form A: Bid Submission Form
<b>Certificates and Licenses</b>	<ul style="list-style-type: none"><li>▪ Duly authorized to act as Agent on behalf of the Manufacturer, or Power of Attorney, if bidder is not a manufacturer</li><li>▪ Official appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country</li><li>▪ Patent Registration Certificates, if any of technologies submitted in the Bid is patented by the Bidder</li><li>▪ Export/Import Licenses, if applicable</li></ul>	Form B: Bidder Information Form
	<ul style="list-style-type: none"><li>▪ Any additional criteria if required</li></ul>	

<b>QUALIFICATION</b>	Minimum ICTAD Registration and Experience - C7 Building	
<b>History of Non-Performing Contracts<sup>1</sup></b>	Non-performance of a contract did not occur as a result of contractor default for the last 3 years.	Form D: Qualification Form
<b>Litigation History</b>	No consistent history of court/arbitral award decisions against the Bidder for the last 3 years.	Form D: Qualification Form
<b>Previous Experience</b>	Minimum 3 years of relevant experience.	Form D: Qualification Form
	Minimum 3 contracts of similar value, nature and complexity implemented over the last 3years. <i>(For JV/Consortium/Association, all Parties cumulatively should meet requirement).</i>	Form D: Qualification Form
<b>Financial Standing</b>	Minimum average annual turnover of LKR10million for the last 3 years. <i>(For JV/Consortium/Association, all Parties cumulatively should meet requirement).</i>	Form D: Qualification Form
	Bidder must demonstrate the current soundness of its financial standing and indicate its prospective long-term profitability. <i>(For JV/Consortium/Association, all Parties cumulatively should meet requirement).</i>	Form D: Qualification Form
<b>Technical Evaluation</b>	The technical bids shall be evaluated on a pass/fail basis for compliance or non-compliance with the technical specifications identified in the bid document.	Form E: Technical Bid Form
<b>Financial Evaluation</b>	Detailed analysis of the price schedule based on requirements listed in Section 5 and quoted for by the bidders in Form F.  Price comparison shall be based on the landed price, including transportation, insurance and the total cost of ownership (including spare parts, consumption, installation, commissioning, training, special packaging, etc., where applicable)  Comparison with budget/internal estimates.	Form F: Price Schedule Form
<b>Additional Requirement</b>	1. List and value of on-going projects with contact details of clients and current percentage completion of each ongoing project. 2. 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. 3. Independently audited financial accounts for the last two years in English. UNDP will check the financial accounts to compute the	

<sup>1</sup> Non-performance, as decided by UNDP, shall include all contracts where (a) non-performance was not challenged by the contractor, including through referral to the dispute resolution mechanism under the respective contract, and (b) contracts that were so challenged but fully settled against the contractor. Non-performance shall not include contracts where Employers decision was overruled by the dispute resolution mechanism. Non-performance must be based on all information on fully settled disputes or litigation, i.e. dispute or litigation that has been resolved in accordance with the dispute resolution mechanism under the respective contract and where all appeal instances available to the Bidder have been exhausted.

	<p>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>4. If QR is less than 1; UNDP shall verify financial capacity of the bidder and had the authority to seek references from concerned parties &amp; banks on the bidder' 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>5. CVs for key personal proposed for this project.</p> <p>6 Company Profile, which should not exceed fifteen (15) pages, including printed brochures and product catalogues relevant to the goods/services being procured</p> <p>7. Members of the Governing Board and their Designations duly certified by the Corporate Secretary, or its equivalent document if Bidder is not a corporation</p> <p>8. 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</p> <p>9. Certificate of Registration of the business, including Articles of Incorporation, or equivalent document if Bidder is not a corporation</p> <p>10. Quality Certificate (e.g., ISO, etc.) and/or other similar certificates, accreditations, awards and citations received by the Bidder, if any</p> <p>11. Latest Audited Financial Statement (Income Statement and Balance Sheet) including Auditor's Report for the past years; [3 years]</p> <p>12. Evidences to have the adequate bank credit facilities.</p> <p>13. Evidences to have the sufficient manpower competent to perform the project.</p> <p>14. Evidences to have the required machineries to perform the project.</p> <p>15. Statement of Satisfactory Performance from the Top 3 Clients in terms of Contract Value the past 3 years</p> <p>16. List of Bank References (Name of Bank, Location, Contact Person and Contact Details)</p>	
--	--	--

## Section 5b: Other Related Requirements

---

Further to the Schedule of Requirements in the preceding Table, Bidders are requested to take note of the following additional requirements, conditions, and related services pertaining to the fulfillment of the requirements:

Payment Terms <i>(max. advanced payment is 20% as per UNDP policy)</i>	Payments shall be made on measure and pay basis for the activities upon submission of invoices for progress payments of the activities. 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.
Conditions for Release of Payment	<input checked="" type="checkbox"/> Written Acceptance of service based on full compliance with ITB requirements .

## Section 6: Returnable Bidding Forms / Checklist

---

This form serves as a checklist for preparation of your Bid. Please complete the Returnable Bidding Forms in accordance with the instructions in the forms and return them as part of your Bid submission. No alteration to format of forms shall be permitted and no substitution shall be accepted.

Before submitting your Bid, please ensure compliance with the Bid Submission instructions of the BDS 22.

### Technical Bid:

<b>Have you duly completed all the Returnable Bidding Forms?</b>	
▪ Form A: Bid Submission Form	<input type="checkbox"/>
▪ Form B: Bidder Information Form	<input type="checkbox"/>
▪ Form C: Joint Venture/Consortium/ Association Information Form	<input type="checkbox"/>
▪ Form D: Qualification Form	<input type="checkbox"/>
▪ Form E: Format of Technical Bid/Bill of Quantities	<input type="checkbox"/>
▪ Form G: Form of Bid Security	
▪ [Add other forms as necessary]	<input type="checkbox"/>
<b>Have you provided the required documents to establish compliance with the evaluation criteria in Section 4?</b>	<input type="checkbox"/>

### Price Schedule:

▪ Form F: Price Schedule Form	<input type="checkbox"/>
-------------------------------	--------------------------



## Section 5a: Schedule of Requirements and Technical Specifications/Bill of Quantities

---

### **UNDP-Jaffna.**

**LOT 01:** Construction of Multipurpose Centre at Mayiliddy North - Tellipalai DS Division in Jaffna District

### **Scope of work**

Project Title: Resettlement in Newly Released Area II (RNRA II)

#### **• Background information of the project**

Since 2016 land extend of 1,870 acres belonging to 19 Grama Niladhari Divisions<sup>1</sup> (GNDs) were released and out of which 1 GND (Palai Veemankamam South) was fully released and 18 other GNDs (KKS West, KKS Centre, Kurumbasiddy, Thaiyiddy East, Thaiyiddy North, Palaly North, KKS South, Palai Veemankamam North, Kadduvan, Thenmailai, Varuththalaivillan, Vasavillan East, Vasavillan West, Myliddy North, Thaiyiddy South, Palaly South, Palaly East, Naguleswaram). Last April three new GSN divisions Thenmylai, Myliddy North and Thyiddy south with an extent of more than 650 Ac was released. This area comprises coastal and fertile agriculture area with high vegetation.

As a result, since March 2015 a total of 3,629 families have expressed their intention to return to their own land. Under the supervision of the Government Agent Jaffna District and the direct interventions of respective Divisional Secretariats and the contribution of UN and civil society organizations, immediate assistance relating to food, sanitation, housing and livelihood for returnees were made available. Nevertheless the recovery needs of these resettled communities continue to be significant, particularly because the released areas of land have turned in to forests, has detrimentally affected the suitability of the living conditions and does not provide the space for socio-economic and cultural activities for the resettled. Further reawakening of basic infrastructure and livelihood has become highest priority of the returnees and as well as relevant authorities.

### **The key activities:**

Provide support to Community interaction and Government and non-government Community level service delivery officers.

Mobilize targeted communities to reactivate community based organizations and engage in delivery of service.

---

<sup>1</sup> Source: Resettlement Unit, District Secretariat, Jaffna District

## **Objective of this project intervention:**

Resettled communities in the Jaffna district have improved socio economic recovery opportunities and better integrated with their communities.

### **• Involved parties (Govt. CSOs. Etc.)**

Divisional Secretary-Tellipalai, Grama Seva Officer, Samurdhi Development Officer and Economic Development Officer and other GSN and village based government officers, CSOs, CBOs & well-wishers.

### **• Targeted beneficiaries:**

400-450 return families as direct beneficiaries.

### **• Expected results/achievements**

Construction of Multipurpose Centre for Community reintegration and service delivery

### **• Location**

Tellipalai DS Division – Mayiliddy North, Thenmylai and adjoining GN Divisions

### **• Selection process of the contractors (Competitive)**

CWC (National Ad) for Construction of Multipurpose Centre

### **• Technical details of the work**

#### **Technical Detail for Construction of Multipurpose Centre at Mayiliddy North - Tellipalai DS Division in Jaffna District**

- 1) 01 Room for Mayiliddy North RDS, working space for Government and non-government Community level service delivery officers and a community meeting hall with 1.5 m wide open verandah.
- 2) Foundation with RR Masonry for cement concrete block wall
- 3) RCC footing for RCC columns
- 4) Doors & windows are made out of Approved quality timber
- 5) Iron safety grills / bars provided for windows.
- 6) Continuous lintels for block wall and column provided

- 7) Calicut tile hip roofing with necessary timber framework and ridging with red cement mortar.
- 8) Under ceiling for Rooms, Meeting hall and Varandah
- 9) Male & Female cum disable toilet with zinc Al roof
- 10) Cemented colour flooring with floor concrete
- 11) Electrical wiring and Painting work
- 12) Toilets with tile flooring, wall tiling for 1.5m and hand rail for disable.
- 13) Disable access provided for disable toilet and main building
- 14) Overhead steel Water tank and pump room with electrical motor and basic water supply provided. (Tube well available)
- 15) Septic tank cum soakage pit (3 compartment) to be provided
- 16) 10 G Chain link fencing with and steel gate with pillars.
- 17) Land leveling & Landscaping work as per the site condition and requirement.

### **General Topography of the locality and other information:**

This building site which is located at Mayiliddy North /Thenmylai in Thellipalai DS division

The soil type is lime stone rocky RY Latasol.

Majority of the people are Tamils practicing Hindu and Christian faith. Main livelihood is farming.

Electricity is national grid with main supply. External wiring completed and connection will be made available soon.

Consultant Engineer is responsible for preparing of drawing and BOQ as per guidelines provided by scope of work and UNDP TOR for award of specific service.

**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDDI NORTH - TELLIPALAI DS DIVISION IN  
JAFFNA DISTRICT**

**BILLS OF QUANTITIES  
BILL NO. 01- PRELIMINARIES**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>A</b>	<b><u>PRELIMINARIES</u></b>				
	The attention of the bidder is drawn to the use of Bill of Quantities, Drawings, Conditions of Contract, Specifications and any other particulars related to this of the bid. It is the bidder's responsibility to see that his price includes for complying with all the requirements of the conditions of contract and other documents whether specifically.	Note			
	The bidder is advised to visit the site of the proposed work, as it is his responsibility to ascertain the Conditions, governing access to the site, the external working space, storage area, etc.,	Note			
	Exsisting roads & culverts cannot take the passage of heavy vehicle or such in adquate areas to be strenghten by the successful bidder, before make use of such areas, roads and approches.	Note			
	Any existing services, roads, culverts and approches damaged during the construction to be reinstated without any charge to the employer.	Note			
	All temporary works shall be dismantled and cleared away from the site on completion of the work.	Note			
	Any other preliminary items not listed below but deemed to be included in the bid rates, as no extras would be made.	Note			
	No work in any trade shall be carried out in such a manner as to cause any nuisance to adjacent owners or the public.	Note			
	Mechanical plant and equipment which emits obnoxious liquids, gases etc., will not be allowed to be used on the site, without the prior approval from the Employer and the Engineer.	Note			
	The Engineer has the final decision as and when he deems it necessary for the Contractor to take precautions, maintain or repair such plant and equipment or order their removal from the site.	Note			
	The contractor shall be responsible for any loss or damage to the works, existing structures, adjoining structures and unfixed materials.	Note			
	The Contractor shall be responsible for necessary lighting, watchman and other suitable measures during construction until handing over	Note			
	Contractor shall be responsible for erection, shifting and maintaining of necessary protective netting, fencing, hording, screens at site and other precautions to the required standard and satisfaction of the Engineer.	Note			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.01	<b>Provisional Sum</b> for providing a Performance Security		Pro. Sum		5,000.00
A.02	<b>Provisional Sum</b> for Insurance of Completed works, Machinery & Equipment, Plant and Matrerials at site as per contract. Sum insured under this insurance policy should not be less than the Total contract sum		Pro. Sum		30,000.00
A.03	<b>Provisional Sum</b> for Insurance against accidents and injury to third party persons & property and Employer's personnel & property, Contractor's personnel at site as per the contract.		Pro. Sum		12,500.00
A.04	Allow lump sum for provision of office and water-supply and sanitation-facilities for use of the engineer, as directed.		Item		
A.05	Allow lump sum for providing and maintaining a first aid box and regular supply of medicine, linen etc.		Item		
A.06	Allow lump sum for setting out of Works in accordance with drawings and other written information given by the Engineer		Item		
A.07	<b>Provisional Sum</b> for all cost in connection with preparing samples for testing, making arrangemnts for testing of mataerials, goods etc., as stipulated in the specification, obtaining test reports and submitting the same to the Engineer		Pro. Sum		3,000.00
A.08	Allow for lump sum for provision of 03 sets of (hard copies and soft copies) As-Built drawings of all services for Enginner's approval		Item		
A.09	Allow lump sum for providing all necessary safety measures to workmen at aite conforming to the ltest industrial safety regulations and as dertected by the Engineer.(*PPE System & Safety Nets)		Item		
A.10	Allow lump sum to providing and maintaining of Name Board 1.2m x 0.9 m, as directed and approved by the engineer. Rate shall include for erection and fixing to the earth firmly on to the concrete base.		Pro. Sum		10,000.00
	<b>SUB TOTAL FOR PRELIMINARIES CARRIED TO GRAND SUMMARY</b>			<b>SLRs.</b>	

CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDDY NORTH - TELLIPALAI DS DIVISION IN  
JAFFNA DISTRICT

BILL NO. 02- CONSTRUCTION OF BUILDING  
SUMMARY

ITEM NO	DESCRIPTION	AMOUNT (SLRs.)
B	EXCAVATION & EARTH WORK	
C	CONCRETE WORK	
D	MASONRY WORK	
E	WATER PROOFING	
F	METAL WORKS	
G	TIMBER WORK	
H	CEILING WORK	
J	ROOFER AND ROOF PLUMBING	
K	FLOOR, WALL & CEILING FINISHES	
L	PAINTER & DECORATOR	
M	PLUMBING AND SANITARY INSTALLATION	
N	ELECTRICAL INSTALLATION	
	SUB TOTAL FOR CONSTRUCTION OF BUILDING CARRIED TO GRAND SUMMARY	

**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDDY NORTH - TELLIPALAI DS DIVISION IN JAFFNA DISTRICT**

**BILLS OF QUANTITIES**  
**BILL NO. 02- CONSTRUCTION OF BUILDING**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>B</b>	<p><b><u>EXCAVATION &amp; EARTH WORK</u></b></p> <p>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.</p> <p>Rates shall include for any working space as required by the contractor.</p> <p>Dewatering has not been measured separately. (Rate shall include for cost of dewatering if necessary)</p> <p>The bidder shall submit the following information together with their quote.</p> <p>(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.</p> <p>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.</p> <p>The contractor shall arrange and obtain necessary permission from authorities for disposal and dumping of earth.</p> <p>Rates shall include for removal and disposal of any obstructions, such as artificial structure and rock boulders etc., during excavation if encountered.</p> <p><b>Earthwork Support</b></p> <p>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.</p> <p>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.</p> <p>Rates for excavation shall include for :  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.</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p>			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>Bulking after excavation and disposal of excavated material as directed.</p> <p>Backfilling with approved material to required levels and surfaces, consolidating and ramming by an approved method for over excavation.</p> <p>Dewatering, if required.</p> <p>Measurement for payment for excavation shall be for the net contact volumes upto the concrete surface.</p> <p><b>Site Preparation</b></p> <p>B.01 Clearing site vegetation including compacting and disposal of all surplus excavated material away from the site as directed. (contractor shall visit the site &amp; assert the actual work involve)</p> <p>B.02 Excavating to reduce level average depth of 150mm</p> <p>B.03 Excavation for Wall and Column foundations in any material except rock requiring blasting, depth not exceeding 1500mm from the existing Ground level.</p> <p>B.04 Excavation for Wall and Column foundations in Hard rock requiring blasting, depth not exceeding 1500mm from the existing Ground level.</p> <p>B.05 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)</p> <p>B.06 Approved imported hard earth (Gravel) filling including levelling, watering and compacting in 150mm layers around the building with 98% compaction. (Measured compacted volume)</p> <p>B.07 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)</p> <p>B.08 Anti - termite treatment which shall cover excavated trenches, pits, etc. and the ground covered by floor slabs, foundation &amp; walls and 2m beyond the building perimeter. Work shall be carried out by a reputed Pest control Company approved by the Engineer. Particulars of chemicals used and their concentration shall be forwarded to the Engineer for approval. The Contractor shall furnish a joint guarantee binding Specialist Sub-contractor and the Contractor as to the effectiveness of the Anti-termite treatment for a minimum period of 10 years after completion and cost shall include for precautionary measures against chemicals being infiltrated into outside area. Area Measured shall be Plinth area of the Building.</p> <p><b>Disposal</b></p> <p>All excavated earth shall be a property of the Client and Contractor has to dispose within 2.0 km from the site as directed by Client.</p>	<p>Item</p> <p>m<sup>2</sup></p> <p>m<sup>3</sup></p> <p>m<sup>3</sup></p> <p>m<sup>3</sup></p> <p>m<sup>3</sup></p> <p>m<sup>3</sup></p> <p>m<sup>3</sup></p> <p>m<sup>2</sup></p> <p>Note</p>	<p>Allow</p> <p>124.00</p> <p>15.20</p> <p>5.00</p> <p>40.55</p> <p>25.00</p> <p>20.00</p> <p>160.00</p>		
	<b>SUB TOTAL FOR EXCAVATION AND EARTH WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
C	<b><u>CONCRETE WORK</u></b>				
	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			
	<b>Measurement of Slabs &amp; Walls</b>				
	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			
	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.				

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	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.  Formwork is measured as the net contact surface measurement between formwork and concrete. All reinforcement shall be as per relevant British Standards having minimum characteristic strength of 460 N/mm <sup>2</sup> for ribbed tor steel and 250 N/mm <sup>2</sup> for mild steel. 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			
		Note			
		Note			
		Note			
	<b>1 :3 :6 (25mm) Volumed Batched Concrete</b>				
C.01	75mm thick Screed concrete under Wall & Column foundation.	m <sup>2</sup>	51.50		
	<b>1 :2 1/2 :5 (25mm) Volumed Batched Concrete</b>				
C.02	75mm thick, <b>mass</b> concrete in floors and Steps in Building and Ramp	m <sup>2</sup>	156.50		
	<b>1 :2 :4 (20mm) Volumed Batched Concrete</b>				
C.03	Reinforced concrete in Columns Foundation	m <sup>3</sup>	1.95		
C.04	Reinforced concrete in Columns	m <sup>3</sup>	4.80		
C.05	- do - Plinth Level Beams	m <sup>3</sup>	2.30		
C.06	- do - Roof Level Beams	m <sup>3</sup>	1.50		
	<b>FORM WORK</b> 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 concreting.	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			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	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.07	Sides of Columns Footings	m <sup>2</sup>	11.00		
C.08	Sides of Columns	m <sup>2</sup>	72.00		
C.09	Sides of Plinth Level Beams	m <sup>2</sup>	15.75		
C.10	Sides of Roof Level Beams	m <sup>2</sup>	24.60		
C.11	Soffit of Roof Level Beams	m <sup>2</sup>	30.50		
	<b><u>REINFORCEMENTS</u></b>				
	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 attempted.	Note			
	Rates shall include for cutting, bending, fabricating, placing in position, holding and supporting including temporary fixing supports, hangers, binding wire spacers and waste.	Note			
	Rates shall include for working in difficult conditions.	Note			
	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.	Note			
	The actual weight of steel used at site will be calculated on the average weight of steel indicated in the mill certificate the same.	Note			
	<b>High yield Steel and Mild Steel bar comply BS 4449 reinforcement in the following;</b>				
C.12	In Column Footing	kg	120.00		
C.13	In Columns	kg	488.50		
C.14	In Plinth Level Beams	kg	135.00		
C.15	In Roof Level Beams	kg	135.00		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
C.16	Construction of reinforced concrete (20 N/mm <sup>2</sup> -20mm) lintel of size 125 mm x 150 mm. Rate to including for form work & reinforcement ( 2 Y12 bars & Stirrups) in Building.	Lm	61.50		
C.17	Construction of reinforced concrete (20 N/mm <sup>2</sup> -20mm) sill of size 125 mm x 150mm. Rate to including for form work & reinforcement ( 2 Y10 bars & Stirrups) in Building.	Lm	26.50		
	<b>SUB TOTAL FOR CONCRETE WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>D</b>	<b>MASONRY WORK</b> 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. Rates shall include for preparation of surfaces of floor slab, columns (steel or RCC) and wall surfaces for proper bonding Rate to include cost for all concrete stiffner columns & stiffner beams as per specification Rate shall include to, 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 groves, throats, mortises, chases, rebates and holes, stops and miters. 3. Supplying & Fixing	Note  Note  Note  Note			
D.01	<b>Stone Work</b> <u>Random Rubble Masonry Work</u> Random Rubble( 150 mm-225 mm) Masonry work in 1:5 Cement sand mortar in Wall Foundation of Building and in Disable Ramp.	m <sup>3</sup>	25.50		
	<b>Block Work</b> All cement and sand concrete blocks shall comply with BS 6073.  Characteristic strength of block work shall be 2.5 N/mm <sup>2</sup> Mortar used for block work/ brick work shall be 1:5 cement and sand mixture unless otherwise specified.	Note  Note Note			
D.02	<u>125mm Concrete Block Work</u> 125mm thick 1:4:5 (20mm) Concrete block work in 1:5 cement sand mortar for walls in Building.	m <sup>2</sup>	135.50		
	<b>SUB TOTAL FOR MASONRY WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>E</b>	<b>WATER PROOFING</b> 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			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
E.01	Waterproofing work to be carried out by a specialist waterproofing sub contractor. The contractor shall submit a 10 year guarantee for material and workmanship in the name of the Owner for waterproofing system in an internationally accepted format.	Note			
	The bidder shall submit the most suitable water proofing system as specified to suit for different surfaces at location technically acceptable to the Engineer.	Note			
	<b>Damp Proofing</b> Damp proof membrane to horizontal surfaces of floors out of 1000 gauge polythene.	m <sup>2</sup>	156.50		
E.02	20mm thick 1:2 cement : sand DPC and finished with two coats of hot tar blinded with coarse sand.	m <sup>2</sup>	7.20		
	<b>SUB TOTAL FOR WATER PROOFING CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>F</b>	<b><u>METAL WORKS</u></b> Rate for handrail / guardrail shall include for necessary welding, cutting, embedding, anchoring etc., as per detail drawings.	Note			
F.01	<b>Hand Rail</b> Supply and fix Guard rail comprising of 50mm diameter GI top rail, 900mm high 25mm diameter GI vertical members at 450mm intervals for uprights ( balusters) fixed on Ramp Floor and 25mm diameter horizontal members at 300 mm spacing fixed to balusters .Rate shall include 2 coats of anticorrosive paint and one coat of Enamel	m	12.50		
	<b>SUB TOTAL FOR METAL WORKS CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>G</b>	<b><u>TIMBER WORK</u></b> 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 preparation 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			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>Rates shall include for:</p> <p>All labour in framing, jointing and fixing in position complete with all nails, spikes, screws etc.</p> <p>All doors, windows and fanlight shall be fixed complete as per detail drawings.</p> <p>All door frames shall be fixed with spur stone at the foot.</p> <p>All door and window frames shall be fixed to brick walls with M.S. hold fasts.</p> <p>All necessary brass oxidised mongery.</p> <p><b>Joinery</b></p> <p><b>Doors</b></p>	Note			
G.01	Supply and Fixing Type D2, Double sash Swing Door in approved Timber, 1200mm x 2100mm in over all size 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	3.00		
G.02	Supply and Fixing Type D2, Double sash Swing Door in approved Timber, 900mm x 2100mm in over all size 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	2.00		
G.03	Supply and Fixing Type W 1200 mm x 1350 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 corrosive.	Nr	6.00		
	<b>SUB TOTAL FOR TIMBER WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>H</b>	<b><u>CEILING WORK</u></b>				
	<b>Cement Fibre Ceiling</b>				
H.01	Supplying and installation of 4.5mm think Cement Fibre ceiling Including eaves 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 <sup>2</sup>	155.50		
	<b>SUB TOTAL FOR CEILING WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>J</b>	<b><u>ROOFER AND ROOF PLUMBING</u></b> <b><u>Roof Covering</u></b> <b><u>Tile Roofing</u></b>				
J.01	Supplying and placing of Calicut pattern Tile roofing laid on timber roof frame work consists of 50×100mm rafters at 450mm spacing ,50 x25mm reepers at 300mm spacing and at both eaves side spacing interval is 150mm shown in drawing,50×175 ridge plates, 50 x 175 Hip Rafters , 50 x 175 Valley Rafters, 100mm x 100mm Centre posts, 100mm x200mm & 75x150mm horizontal Beams and 100x75mm wall plate as shown in drawing . Timber shall be imported Hard wood, Red/ Yellow balaw or equivalent approved by the Engineer and treated well with two coats of approved quality wood preservatives. Rate shall include for necessary screws, nails and fittings.	m <sup>2</sup>	192.60		
J.02	Supplying and fixing of Calicut pattern Ridge tiles jointed and bedded in 1:1:4 cement lime and sand mortar coloured to match tiles.	m	38.76		
J.03	Supplying and fixing 200x100mm size special upper class timber beam, post as directed by Engineer	Lm	28.00		
J.04	Supplying and fixing 150x100mm size special upper class timber beam, post as directed by Engineer	Lm	20.55		
J.05	Supplying and fixing of 20mm thick, 225mm timber valance & Barge Fascia board using brass screws and complete with painting	m	50.50		
	<b><u>Roof Plumbing</u></b>				
J.06	Supplying and fixing 0.47 mm thick Zinc aluminium alloy coated colour bonded type D of metroof/similar eave gutters of size 130 x 160mm of approved pattern and colour including end caps, running joints with including all necessary fittings.	m	52.00		
J.07	Supplying and fixing 0.47 mm thick Zinc aluminium alloy coated colour bonded down pipes of size 100mm x 100mm of approved pattern and colour with brackets and brass screws with wooden plugs including all necessary molded fittings	m	37.00		
	<b>SUB TOTAL FOR ROOFER AND ROOF PLUMBING CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>K</b>	<b><u>FLOOR, WALL &amp; CEILING FINISHES</u></b> 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. 1. Rates shall include for preparation of surfaces for proper bonding. 2. 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., 3. Rates shall include for cutting tiles as necessary. 4. 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			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>5. Rates for floor finishes shall include for temporary rules, screeds, ground etc., all normal cutting arises, rounded angles and the like, bedding, pointing, forming joints making good between different surfaces, around pipes, sanitary fittings and other fixtures and cleaning down upon completion.</p> <p>All floor and wall tiles shall be of approved quality ( Lanka Tiles/ Rocell Brands) and colour. Tile samples shall be provided for approval by the Engineer/Architect prior to purchase of materials.</p> <p>Rates for plaster work shall include for reinforcing joints between different types of construction material (e.g. block work/ brickwork and concrete work) with 150mm wide galvanized steel mesh as directed by the Engineer. <b>Rate shall include for Reveals.</b></p> <p>Rates for soffit finishes shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, etc., protection of floors and fittings, removing and replacing door and window fittings, if required, and cleaning upon completion.</p> <p><b><u>Floor Finishes</u></b></p> <p><b><u>Rendering</u></b></p> <p>K.01 25mm thick, 1:2 cement sand, cut and polished coloured rendering m<sup>2</sup> 155.32</p> <p><b><u>Wall Finishes</u></b></p> <p><b><u>External Faces- Plastering</u></b></p> <p>K.02 15mm thick 1:3 cement sand plaster finished smooth with approved coloured cement floating to plinths. m<sup>2</sup> 45.40</p> <p>K.03 15mm thick 1:3 cement sand plaster finished semi rough with to walls, Columns and Sides of Beams &amp; Lintols in Building m<sup>2</sup> 149.00</p> <p><b><u>Internal Work- Plastering</u></b></p> <p>K.04 15mm thick 1:3 cement sand plaster finished smooth to internal faces of walls, Columns and sides of Beams,tanks &amp; Lintel m<sup>2</sup> 185.00</p> <p>K.05 15mm thick 1:3 cement sand plaster finished smooth to soffit of Beams m<sup>2</sup> 8.10</p>	<p>Note</p> <p>Note</p> <p>Note</p>			
	<b>SUB TOTAL FOR FLOOR, WALL &amp; CEILING FINISHES CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>L</b>	<b><u>PAINTER &amp; DECORATOR</u></b>				
	Rate shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, patching up cracks, etc., protection of floors and fittings, removing and replacing door and window fittings, if required, and cleaning upon completion.	Note			
	All emulsion/ enamel/ weathershield paint shall be of approved make CIC or equivalent approved by Engineer	Note			
	Rate to include for the cost for the scaffoldings.	Note			
	<b><u>External Faces</u></b>				
L.01	Prepare & apply one alkaline resisting primer coat and two coats of weather shield emulsion of approved colour and quality to semi-rough rendered surfaces of walls, Columns and Sides of Lintols. (Rate shall include for reveals)	m <sup>2</sup>	145.00		



[illegible]

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	(c) All pipe specials such as bends, junctions, elbows, tees, "Y" junctions, reducers, inspection openings, stop ends, etc. (d) Connection to sides of manholes etc. (e) Providing sleeves etc., when pipes pass through walls, foundations etc. (f) Giving notices, obtaining permits, paying fees, fixing, testing and commissioning etc.				
	<b>Water Supply, Wastewater &amp; Drainage Connection</b>				
	<b>Type 1000 Pipes for Cold Water Supply</b>				
M.01	Supply and lay/Fix 20 mm dia Type 1000 PVC Pipe with specials	m	12.00		
M.02	Supply and lay/Fix 25 mm dia Type 1000 PVC Pipe with specials	m	20.00		
M.03	Supply and lay/Fix 40 mm dia Type 1000 PVC Pipe with specials	m	65.00		
M.04	Supply and lay/Fix 50 mm dia Type 1000 PVC Pipe with specials	m	39.50		
	<b>Valves for Water Supply Lines</b>				
	Supplying and fixing of approved quality Brass <b>stop valves /Ball Valves</b> including all necessary fixtures.Valves shall be of Pegler or equivalent Brands.	Note			
M.05	25 mm diameter valve	Nr	2.00		
M.06	40 mm diameter valve	Nr	3.00		
	<b>Type 600 uPVC pipe for Waste Water Lines</b>				
M.7	50 mm diameter	m	10.00		
M.8	63 mm diameter	m	12.00		
	<b>Waste Water Catch Pits</b>				
M.9	Supplying all material and construct water sealed catch pits (Average size 300 x 300 x 400 mm internally). Rate included for excavation & backfilling, screed concreting, formwork, reinforcement @ 150 c/c, 75mm thick concrete base & 125mm block walls, internal plastering, precast concrete cover slab with lifting handles, etc.	Nr	1.00		
	<b>Waste Water Manholes</b>				
M.10	Supplying all material and construct Interceptor manholes (Average size 450 x 450 x 600 mm internally). Rate included for excavation & backfilling, screed concreting, formwork, reinforcement @ 150 c/c, 150mm thick concrete base & walls, benching, internal plastering, precast concrete cover slab with lifting handles, etc.	Nr	1.00		
	<b>SUB TOTAL FOR PLUMBING AND SANITARY INSTALLATION CARRIED TO SUMMARY</b>			<b>SLRs.</b>	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
N	<p><b><u>ELECTRICAL INSTALLATION</u></b></p> <p>Rates in Bill of Quantities shall include all necessary materials (Cables, conduits, PVC sunk box, bulbs, switches etc.) and labour required to complete the electrical installation to good working order.</p> <p>Testing and commissioning of all the systems &amp; electrical installation is to be carried out and inspection report ( 02 sets) submitted according to the requirements of the power supply by a Chartered Electrical Engineer.Rate shall be include for Testing,commissionung and report submission.</p> <p>Rate Shall include for submission of shop drawings and submission of draft layouts, conduit layouts etc.for Consultant's approval before commencing the installation (03 sets)with Designing of Distribution board, Consumer unit and line diagram designing by a Chartered Electrical Engineer.</p> <p>Rate Shall include for submission of As-built drawings on completion of the contract (03 sets)</p> <p>Electrical Items (MCB,RCCB etc.) should be of European/Japanese origin or to the BS or equivalent and items without an accredited agent in Sri Lanka shall not be accepted. Guarantee cards(Fans etc.) should be provided from accredited agent before installation.</p> <p>All the quantities given here are approximated values and Quantities may change with the actual installation at the site.</p> <p>All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.</p> <p>All panel boards and consumer units should have wire numbering and a laminated circuit diagram should be pasted on the inside surface of the door.</p> <p>Electrical Coduits, which are laid along Earth should be securely protected by PVC conduits. Earth shall be backfilled properly.</p> <p>Electrical Coduits, which are laid along internal Roads should be securely protected by PVC conduits. Cut road shall be filled with mass concrete and making good to roads.</p>	Note Note Note Note Note Note Note Note Note			
N.01	<p><b>Single phase Consumer units</b></p> <p>Supply and installation of wall mounted switch gear cubicle made out of polycarbonate enclosure to the approval of the engineer. Additional space to be provided inside the distribution board enclosure to install two additional breakers (of capacity with existing max. outgoing breaker) if necessary.</p> <p>01 No. 40A, 2-pole MCB 6kA</p> <p>01 Nos. 40A 2-pole RCCB, 30mA sensitivity</p> <p>7 - 9 No. 6-32A, 1-pole MCB 6kA</p> <p>Earth Bar</p> <p>All internal connections.</p> <p>Equipment to be to the BS and European/Japanese make</p>	Nr	1.00		
N.02	Supply and Installation of service bracket 5'-0" long 2 1/2" x 2 1/2" x 1/4" angle iron.	Nr	1.00		
N.03	<b>Provisional Sum</b> for obtaining main power supply connection from the Ceylon Electricity Board, including all the correspondence and co-ordination work, builders work. Etc.			<b>Pro. Sum</b>	<b>20,000.00</b>

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
N.04	Supply & installation of 32A single phase wiring to pump house . Rate to include for MCB, complete with pilot lamp to working order as per electrical specification.	Nr	1.00	Prov. Sum	30,000.00
	<b>Cables</b>				
N.05	Allow Provisional Sum for Suppling and Installation of Main Cables from Energy Meter to MDB and MDB to Cosumer Units				
	<b>Fans</b>				
N.06	Supply & installation of 1400mm sweep ceiling fan (European/Japanese make), complete with regulator, fan hook, extension rod & attachment - Guarantee cards should be provided from accredited agent. Rate to include for wiring (including supply of all material, earth wire & switch) of the above ceiling fans using approved type 1 mm2, Cu/PVC/PVC cable & 2.5 mm2 earth wire drawn through securely fixed concealed PVC conduits	Nr	6.00		
	<b>Socket Outlets</b>				
N.07	Supply & installation of 13A shuttered switched single socket outlet to comply with BS 1363 . Rate to include for Wiring (including supply of all material required ) of 15A socket outlets using approved type 2.5mm2 Cu/PVC/PVC, 2C cable & 2.5mm2 earth cable drawn through securely fixed concealed PVC conduit	Nr	5.00		
N.08	Supply & installation of 5A shuttered switched socket outlet to comply with BS 1363.Rate to include for Wring (including supply of 2.5 mm2 earth wire & all other material required ) of above socket outlet using approved type 1.0mm2 Cu/PVC/PVC cable drawn through securely fixed concealed PVC conduits	Nr	4.00		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<b>Light Fitting</b> Samples should be provided prior to the installtion for electrical engineer's approval. Guarantee cards should be provided for CFL bulbs.	Note			
N.09	Supply and installation of Ceiling Mounted Type Lamp Fittings. Rate to include the cost of 23W CFL Spiral bulbs (warm white) lamp.Rate to include for Wiring (including supply of all materials) of the above light points using approved type PVC insulated PVC sheathed 1 mm2 copper cable and 1mm2 Cu/PVC earth drawn through securely fixed concealed PVC conduit	Nr	17.00		
N.10	Supply and installation of Wall Mounted/ Bracket water tight external Lamp Fittings. Rate to include the cost of 23W approved type bulbs. Rate to include for Wiring (including supply of all materials) of the above light points using approved type PVC insulated PVC sheathed 1 mm2 copper cable and 1mm2 Cu/PVC earth drawn through securely fixed concealed PVC conduit	Nr	4.00		
	<b>Main Earthing System</b> Supply and Installation of all required materials and cables and connection to respective equipment to provide complete system.	Note			
N.11	Supply and Installation of an earth electrode of minimum 16mm dia. solid copper rod of length 1.2m or more with a clamp connection to earth conductor. Earth resistance shall be less than 10 Ohms tested on a dry day. An earth pit of size 300mm x 300mm x 200mm is to be prepared and covered by concrete plate to protect the earth electrode.	Nr	1.00		
	<b>SUB TOTAL FOR ELECTRICAL INSTALLATION CARRIED TO SUMMARY (Without Pro Sum)</b>			<b>SLRs.</b>	

**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDDI NORTH - TELLIPALAI DS DIVISION IN  
JAFFNA DISTRICT**

**BILL NO. 03- CONSTRUCTION OF TOILET  
SUMMARY**

ITEM #	DESCRIPTION	AMOUNT (SLRs.)
B	EXCAVATION AND EARTH WORK	
C	CONCRETE WORK	
D	MASONRY WORK	
E	ASPHALT WORK	
F	TIMBER WORK	
G	ROOFER AND ROOF PLUMBING	
H	FLOOR, WALL & CEILING FINISHES	
J	PAINTER & DECORATOR	
K	PLUMBING AND SANITARY INSTALLATION	
L	ELECTRICAL INSTALLATION	
	<b>SUB TOTAL FOR CONSTRUCTION OF TOILET CARRIED TO GRAND SUMMARY</b>	

**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDDI NORTH - TELLIPALAI DS DIVISION  
IN JAFFNA DISTRICT**

**BILLS OF QUANTITIES  
BILL NO. 03- CONSTRUCTION OF TOILET**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>B</b>	<b><u>EXCAVATION AND EARTH WORK</u></b>				
	Rates for excavation shall include for : 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.	Note			
B.01	Allow Lump Sum for Clearing site, bushes, shrubs under growth hedges and up rooting trees	Item	1.00		
B.02	Excavating to reduce level average depth of 150mm	m <sup>2</sup>	12.00		
B.03	Excavation for Wall and Column foundations in any material except rock requiring blasting, depth not exceeding 1500mm from the existing Ground level.	m <sup>3</sup>	2.50		
B.04	Filling under floors and under Steps with Approved imported hard earth filling including levelling, watering and compacting in 150mm layers with 98% compaction. (Measured compacted volume)	m <sup>3</sup>	2.75		
	<b>SUB TOTAL FOR EXCAVATION AND EARTH WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>C</b>	<b><u>CONCRETE WORK</u></b>				
	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 : supply, handling at site, depositing, compacting, vibrating, curing and making good after removal of formwork. preparation of surfaces, roughening/chipping to the approval of the Engineer. providing water stops at temporary construction joints, if necessary. Reinforcement and Formwork paid separately unless specified in the Item.	Note			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	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. Formwork is measured as the net contact surface measurement between formwork and concrete. All reinforcement shall be as per relevant British Standards having minimum characteristic strength of 460 N/mm <sup>2</sup> for ribbed tor steel and 250 N/mm <sup>2</sup> for mild steel. 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 Note Note Note			
C.01	<b>1 :3 :6 (25mm) Volumed Batched Concrete</b> 75mm thick Screed concrete under Wall & Column	m <sup>2</sup>	5.25		
C.02	<b>1 :2 1/2 :5 (25mm) Volumed Batched Concrete</b> 75mm thick, <b>mass</b> concrete in floors and Steps in Building and Ramp	m <sup>2</sup>	4.74		
C.03	Construction of reinforced concrete (20 N/mm <sup>2</sup> -20mm) lintel of size 100 mm x 150mm. Rate to including for form work & reinforcment ( 2 Y12 bars & Stirrups) in Building.	m	12.50		
	<b>SUB TOTAL FOR CONCRETE WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>D</b>	<b><u>MASONRY WORK</u></b> Rate shall include to, 1. All rough and fair cutting, plumbing angles, normal straight cutting, forming rebated reveals and raking out 2. Forming rough and fair groves, throats, mortises, chases, rebates and holes, stops and miters. 3. Supplying & Fixing	Note			
D.01	<b>Stone Work</b> <u>Random Rubble Masonry Work</u> Random Rubble( 150 mm-225 mm) Masonry work in 1:5 Cement sand mortar in Wall Foundation of Building and in Disable Ramp	m <sup>3</sup>	4.00		
	<b>Block Work</b> All cement and sand concrete blocks shall comply with BS 6073. Characteristic strength of block work shall be 2.5 N/mm <sup>2</sup> Mortar used for block work/ brick work shall be 1:5 cement and sand mixture unless otherwise specified.	Note Note Note			
D.02	<u>100mm Concrete Block Work</u> 100mm thick 1:4:5 (20mm) Concrete block work in 1:5 cement sand mortar for walls in Building.	m <sup>2</sup>	22.00		
	<b>SUB TOTAL FOR MASONRY WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
E	<b><u>ASPHALT WORK</u></b>				
E.01	<b>Damp Proofing</b> 20mm thick 1:2 cement : sand DPC and finished with two coats of hot tar blinded with coarse sand.	m <sup>2</sup>	5.20		
	<b>SUB TOTAL FOR ASPHALT WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
F	<b><u>TIMBER WORK</u></b> Timber shall be of approved quality, Frame shall be of Palai/Palu or Red Balau or Equivalent approved by the Engineer and Sashes PAalai/Palu, Satin or Teak or Equivalent approved by the Engineer. All doors shall have stainless steel hinges unless specified, locks shall be Mortise cylinder locks with duplicate Keys. All Windows shall have stainless steel hinges unless specified, All Doors and Windows shall have necessary barrol bolts,Castement Stays, Draw rings etc. Rate to include for two coats of Varnish painting after preperation of surface. The Contractor shall submit detailed shop drawings for the approval of the Engineer, 14 days prior to fabrication.	Note  Note  Note  Note  Note			
	<b>Joinery</b>				
	<b>Doors</b>				
F.01	Supply and Fixing Type, Ledged, braced & battened Toilet Door in approved Timber, 1050mm x 2100mm in over all size comprising of door frame of 100mm x 75mm once rebated Jambs and Head, 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 enamel paint including preparation of surface.	Nr	1.00		
F.02	Supply and Fixing Type, Ledged, braced & battened Toilet Door in approved Timber, 750mm x 2100mm in over all size comprising of door frame of 100mm x 75mm once rebated Jambs and Head, 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 enamel paint including preparation of surface.	Nr	1.00		
F.03	<b>Fanlight</b> Supply and Fixing Type FL 600 mm x 450 mm Timber Fanlight in approved Timber comprising of 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 enamel including preparation of surface.	Nr	2.00		
	<b>SUB TOTAL FOR TIMBER WORKS CARRIED TO SUMMARY</b>			<b>SLRs.</b>	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>G</b>	<b><u>ROOFER AND ROOF PLUMBING</u></b> <b><u>Roof Covering</u></b> <b><u>Metal Roofing</u></b> Zn/Al alloy coated steel Roofing sheet steel minimum tensile strength should be 550 N/mm <sup>2</sup> and profile should be approved by the Engineer. Rate shall include for Supplying and fixing 0.47mm thick Zn/Al alloy coated colour bonded steel roofing ridge/Hip to match to roof Wood preservative should be applied to timber frame work	Note  Note			
G.01	Supplying and fixing of 0.47mm thick Corrugated Zn/Al alloy coated colour bonded with 3mm thick 3 way reinforced double side aluminum foil, 50 X 50 mm 8 Gauge GI net bonded sheet steel roofing laid on timber roof frame work 100m x 50mm rafters max c/c 900mm and 50mm x 50mm beares max 1000 mm c/c for Toilet as shown in Drawing rate shall include with timber frame work. Solignum to be applied to all timber frames	m <sup>2</sup>	15.00		
G.02	Supplying and fixing of 20mm thick, 225mm timber valance & Barge Fascia board using brass screws and complete with one coat of primer and two coat of enamel approved colour painting	m	16.00		
	<b>SUB TOTAL FOR ROOFER AND ROOF PLUMBING CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>H</b>	<b><u>FLOOR, WALL &amp; CEILING FINISHES</u></b> Rates for floor finishes shall include for temporary rules, screeds, ground etc., all normal cutting arises, rounded angles and the like, bedding, pointing, forming joints making good between different surfaces, around pipes, sanitary fittings and other fixtures and cleaning down upon completion. All floor and wall tiles tiles shall be of approved quality ( Lanka Tiles/ Rocell Brands) and colour. Tile samples shall be provided for approval by the Engineer/Architect prior to purchase of materials. Rates for plaster work shall include for reinforcing joints between different types of construction material (e.g. block work/ brickwork and concrete work) with 150mm wide galvanized steel mesh as directed by the Engineer. <b>Rate shall include for Reveals.</b> Rates for soffit finishes shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, etc., protection of floors and fittings, removing and replacing door and window fittings, if required, and cleaning upon completion. <b><u>Floor Finishes</u></b> <b><u>Rendering</u></b> 20mm thick 1:3 cement sand rendering including neat coloured cement floating to Floors of Building.	Note  Note  Note  Note			
H.01	20mm thick 1:3 cement sand rendering including neat coloured cement floating to Floors of Building.	m <sup>2</sup>	2.50		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
H.02	<b><u>Tiling to Floors</u></b> Supply and Laying of 300 x 300mm Anti slip Homogenous tiles of approved quality and colour, fixed with straight joints in both ways including all angles corners and including 1:3 cement sand bedding and pointed in matching colour in Toilet and Bathroom floors <b><u>Wall Finishes</u></b> <b><u>External Faces</u></b> <b><u>Plastering</u></b> H.03 15mm thick 1:3 cement sand plaster finished smooth with approved coloured cement floating to plinths. H.04 15mm thick 1:3 cement sand plaster finished semi rough with to walls, Columns and Sides of Beams & Lintols in Building <b><u>Internal Work</u></b> <b><u>Plastering</u></b> H.05 15mm thick 1:3 cement sand plaster finished smooth to internal faces of walls, Columns and sides of Beams,tanks & Lintel <b><u>Wall Tiling</u></b> H.06 Supply & laid 300 x 450 mm Glazed Ceramic Wall Tiles of approved quality and colour for Walls fixed with straight joints in both ways including all angles corners including 1:3 cement sand bedding and pointed in matching colour.	m <sup>2</sup>	6.00		
		m <sup>2</sup>	5.50		
		m <sup>2</sup>	21.50		
		m <sup>2</sup>	12.50		
		m <sup>2</sup>	16.50		
	<b>SUB TOTAL FOR FLOOR, WALL &amp; CEILING FINISHES CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
J	<b><u>PAINTER &amp; DECORATOR</u></b> Rate shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, patching up cracks, etc., protection of floors and fittings, removing and replacing door and window fittings, if required, and cleaning upon completion. All emulsion/ enamel/ weathershield paint shall be of approved make CIC or equivalent approved by Engineer Rate to include for the cost for the scaffoldings. <b><u>External Faces</u></b> J.01 Prepare & apply one alkaline resisting primer coat and two coats of weather shield emulsion of approved colour and quality to semi-rough rendered surfaces of walls and Sides of Lintols. (Rate shall include for reveals) <b><u>Internal Faces</u></b> <b><u>Walls</u></b> J.02 Prepare and apply one primer coat and two coats of Fungus Resistant emulsion of approved colour and quality to smooth plastered surfaces to internal faces of walls and sides of Lintel . (Rate shall include for reveals)	Note Note Note			
		m <sup>2</sup>	22.50		
		m <sup>2</sup>	12.50		
	<b>SUB TOTAL FOR PAINTER &amp; DECORATOR CARRIED TO SUMMARY</b>			<b>SLRs.</b>	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
K	<b><u>PLUMBING AND SANITARY INSTALLATION</u></b>				
	Unplasticized polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must conform in every respect to the requirements of the SLS 147 of 1989 & 1972 or BS 4514.	Note			
	All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the pipe line to which fittings and specials are fixed.	Note			
	All sanitary fittings & fixtures shall be American Standards or equivalent.	Note			
	Rates for plumbing work shall include for:- (a) Complying with the relevant Sri Lankan, British or any other standard as given under the specifications and with the regulations of the Local Authority and or any other relevant authorities. (b) Cutting and waste of pipes etc., and joining pipes. (c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar pipe fittings except for valves which will be measured separately. (d) Connecting pipes to sanitary fixtures and appliances.  (e) Casing to brick walls etc. and making good all works disturbed. (f) Necessary screws, nails sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps etc. (g) Connecting different types of pipes. (h) Testing and disinfection after completion. (i) Submitting shop drawings where necessary. (j) Excavation, backfilling, disposal of surplus soil	Note			
	Rates for sanitary fittings shall include for:- (a) Fittings such as taps, waste water outlet, internal overflows etc. and supporting brackets, incidental materials for fixing. (b) Assembling, jointing together fixing components parts, and jointing to pipes including necessary coupling and for leaving perfectly clean and in perfect working order on (c) Jointing and connecting pipes to sanitary fittings. (d) Testing and commissioning of the installation. (e) Making good the work disturbed. (f) Submitting samples for the approval of the Engineer.  (g) Protecting the works.	Note			
	Rates for drainage work shall include for :- (a) Laying of pipes to falls. (b) Excavation, backfilling, disposal of surplus soil (c) All pipe specials such as bends, junctions, elbows, tees, "Y" junctions, reducers, inspection openings, stop ends, etc.  (d) Connection to sides of manholes etc.	Note			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	(e) Providing sleeves etc., when pipes pass through walls, foundations etc. (f) Giving notices, obtaining permits, paying fees, fixing, testing and commissioning etc.				
	<b>Sanitary Fixtures</b>				
K.01	Supply and installation of floor mounted ceramic water closet with 100 mm trap and 6 litre (Dual Flush) capacity low level ceramic cistern conforming to BS 1125 with plastic syphon, 15 mm angle valve with wall plate, flexible hose connection and all fixtures and fittings necessary for the completion of water closet installation. Rate shall include for Bidet shower.Closet shall be of American Stanadard or equivalent.	Nr	2.00		
K.02	Supply & Installation of Pesdestal type wash basin conforming to SLS 377 including bottle trap with 40 mm waste outlet, 15 mm angle valve with wall plate, 15 mm pillar tap, chrome plated exposed piping and all fixtures and fittings necessary for the completion of wash basin installation.Wash Basin shall be of American Stanadard or equivalent.	Nr	2.00		
K.03	Provisional Sum for Supply and fixing of complete set of Chromium plated 3 numbers of horizontal and vertical grab rails and foldable grab bar in disabled toilet with all required accessories.	<b>P.Sum</b>	<b>P.Sum</b>	<b>15,000.00</b>	<b>15,000.00</b>
K.04	Supply and installation of Stainless Steel soap dish	Nr	2.00		
K.05	Supply Installation of mirror of size 750x 600 x6 mm with bevelled edges and fixed to the wall with chromium plated studs	Nr	2.00		
K.06	Supplying and fixing of chromium plated 25mm bib tap, chinese or indian.(Rate shall include for forcet socket)	Nr	2.00		
K.07	Supply and installation of 150x150 mm Stainless Steel floor gully with cover for Toilets .	Nr	2.00		
	<b>Water Supply, Wastewater &amp; Drainage Connection</b>				
	<b>Type 1000 Pipes for Cold Water Supply</b>				
K.08	20mm dia.	m	4.00		
K.09	25mm dia.	m	12.50		
	<b>Valves for Water Supply Lines</b>				
	Supplying and fixing of approved quality Brass <b>stop valves /Ball Valves</b> including all necessary fixtures.Valves shall be of Pegler or equivalent Brands.	Note			
K.10	25 mm diameter valve	Nr	2.00		
	<b>Sewerage Disposal System</b>				
	<b>Type 600 uPVC pipe for Waste Water Lines</b>				
K.11	110 mm diameter	m	12.00		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
K.12	<b>Sewer Manholes</b> Supplying all material and construct Sewer interceptor manholes (Average size 450 x 450 x 600 mm internally). Rate included for excavation & backfilling, screed concreting, formwork, reinforcement @ 150 c/c, 150mm thick concrete base & walls, benching, internal plastering, precast concrete cover slab with lifting handles, etc.	Nr	1.00		
K.13	<b>Septic Tank cum Soakage Pit</b> Supplying all material and construct septic tank cum soakage pits in grade 30(20mm) concrete, internal size of Septic Tank (chamber-1 & 2) is 1800 x 900 mm ,1500 mm average depth,100 mm thick base, 125 mm thick walls and 75 mm thick top slab and Soakage Pit ( chamber-3) is 900 x 900 mm, 1500 mm average depth , 125 mm thick walls and 75 mm thick top slab.. Rate included for excavation (partly <b>in hard rock</b> ,, backfilling, formwork, reinforcement (125kg/m <sup>3</sup> ), concreting, covers slabs with lifting handles, all necessary pipe work inside the pit, etc.Septic tank internal walls should be plastering with cement floating .Details as per drawings.	Nr	1.00		
	<b>SUB TOTAL FOR PLUMBING AND SANITARY INSTALLATION CARRIED TO SUMMARY (Without Pro Sum)</b>			<b>SLRs.</b>	
<b>L</b>	<b><u>ELECTRICAL INSTALLATION</u></b> Rates in Bill of Quantities shall include all necessary materials (Cables, conduits, PVC sunk box, bulbs, switches etc.) and labour required to complete the electrical installation to good working order. Testing and commissioning of all the systems & electrical installation is to be carried out and inspection report ( 02 sets) submitted according to the requirements of the power supply by a Chartered Electrical Engineer.Rate shall be include for Testing,commissionung and report submission. Rate Shall include for submission of shop drawings and submission of draft layouts, conduit layouts etc.for Consultant's approval before commencing the installation (03 sets)with Designing of Distribution board, Consumer unit and line diagram designing by a Chartered Electrical Engineer. Rate Shall include for submission of As-built drawings on completion of the contract (03 sets) Electrical Items (MCB,RCCB etc.) should be of European/Japanese origin or to the BS or equivalent and items without an accredited agent in Sri Lanka shall not be accepted. Guarantee cards(Fans etc.) should be provided from accredited agent before installation. All the quantities given here are approximated values and Quantities may change with the actual installation at the site. All types of fittings, materials, painting and finishes shall be	Note  Note  Note  Note  Note  Note			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>All panel boards and consumer units should have wire numbering and a laminated circuit diagram should be pasted on the inside surface of the door.</p> <p>Electrical Coduits, which are laid along Earth should be securely protected by PVC conduits. Earth shall be backfilled properly.</p> <p>Electrical Coduits, which are laid along internal Roads should be securely protected by PVC conduits. Cut road shall be filled with mass concrete and making good to roads.</p>	Note Note Note			
	<p><b><u>Light Fitting</u></b></p> <p>Samples should be provided prior to the installtion for electrical engineer's approval. Guarantee cards should be provided for CFL bulbs.</p>	Note			
L.01	Supply and installation of Pendent Type Lamp Fittings. Rate to include the cost of 24W CFL Spiral bulbs (warm white) lamp.Rate to include for Wiring (including supply of all materials) of the above light points using approved type PVC insulated PVC sheathed 1 mm2 copper cable and 1mm2 Cu/PVC earth drawn through securely fixed concealed PVC conduit.	Nr	2.00		
L.02	Supply and installation of Wall Mounted/ Bracket water tight Lamp Fittings. Rate to include the cost of 20W approved type bulbs. Rate to include for Wiring (including supply of all materials) of the above light points using approved type PVC insulated PVC sheathed 1 mm2 copper cable and 1mm2 Cu/PVC earth drawn through securely fixed concealed PVC conduit.	Nr	1.00		
	<b>SUB TOTAL FOR ELECTRICAL INSTALLATION CARRIED TO SUMMARY</b>			<b>SLRs.</b>	

**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDY NORTH - TELLIPALAI DS DIVISION IN JAFFNA DISTRICT**

**BILLS OF QUANTITIES**  
**BILL NO. 04- CONSTRUCTION OF WATER TANK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>4</b>	<b>CONSTRUCTION OF WATER TANK</b>				
4.01	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		
4.02	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		
4.03	150mm thick 1:3:6 (25) Lean concrete below wall foundation	m3	0.50		
4.04	75mm thick 1:2 1/2:5 (25mm) floor concrete 1:2:4 (19mm) concrete for the following	m2	0.72		
	<b>1:2:4(20) Concrete for following</b>				
4.05	For Plinth beam	m3	0.16		
4.06	For 125mm / 100mm thick slab	m3	0.42		
	<b>1/2 th plywood formwork with necessary props</b>				
4.07	For Plinth beam	m2	1.06		
4.08	For soffit and side of slab	m2	4.80		
4.09	Tor Steel (T12mm, T10mm)	kg	70.00		
4.10	Mild Steel (R6mm)	kg	15.00		
4.11	Steps 150 x150 x200 mm concrete and T20mm Reinforcement shall be use	Nos	22.0		
4.12	Random rubble masonry in cement and sand 1:5 mix for wall foundation. Rubble shall be granite stone	m3	1.65		
4.13	200mm thick 1:6 cement concrete solid block masonry wall in 1:5 cement sand mortar.	m3	3.70		
4.14	100mm thick 1:6 cement concrete solid block masonry wall in 1:5 cement sand mortar.	m2	3.60		
4.15	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		
4.16	20mm thick cement and sand 1:3 coloured rendering with cement floating	m2	1.50		



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4.17	1:3 Cement and sand rendering 20mm thick to plinth finished smooth with coloured cement floating.	m2	3.50		
4.18	16mm thick 1:5 internal plaster smooth finished	m2	6.30		
4.19	16mm thick plaster 1:5 cement and sand finished semi rough to the walls and rough plaster (Borrall or equivalent)	m2	33.00		
4.20	10mm thick 1:3 plaster smooth finished sofit of sunshade Ceiling finishes	m2	4.30		
4.21	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		
4.22	Supply and place 1000 litres PVC water tank approved quality on top of the slab and firmly fixed to the slab using 10mm dia nylon rope or equivalent with all necessary sockets and unions	Item	1.00		
4.23	Supply and lay/Fix 63mm dia Type 1000 PVC Pipe with specials	Lm	15.00		
4.24	Supply and lay/Fix 50mm dia Type 1000 PVC Pipe with specials	Lm	20.00		
4.25	Supply and lay/Fix 32mm dia Type 1000 PVC Pipe with specials	Lm	20.00		
4.26	Supply and fix 63mm dia Ball Valve	Nr	1.00		
4.27	Supply and fix 50mm dia Ball Valve	Nr	1.00		
4.28	Supply and fix 32mm dia Ball Valve	Nr	1.00		
4.29	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 working order.	Nos	1.00		
<b>TOTAL FOR BILL NO.04-CONSTRUCTION OF WATER TANK CARRIED TO GRAND SUMMARY</b>					

**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDDY NORTH - TELLIPALAI DS DIVISION IN  
JAFFNA DISTRICT**

**BILLS OF QUANTITIES**  
**BILL NO. 05 - EXTERNAL SERVICE**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5.01	<b>Steel Gate</b> Supplying, fabricating and fixing of <b>Gates</b> 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	1.00		
5.02	<b>Chainlink Mesh Fence</b> 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 buried in ground and surround with 1:3:6 (25mm) concrete for the 250 x 250 x 450 mm .	m	120.00		
	<b>SUB TOTAL FOR EXTERNAL WORKS CARRIED TO GRAND SUMMARY</b>			<b>SLRs</b>	

**PROJECT:**  
**CONSTRUCTION OF MULTIPURPOSE CENTRE FOR**  
**MAYILIDDY NORTH AND THENMYLAI AT TELLIPALAI DS DIVISION**  
**IN JAFFNA**

**CLIENT:**  
**RURAL DEVELOPMENT SOCIETY**  
**MAYILIDDY NORTH**

**FUNDING:**

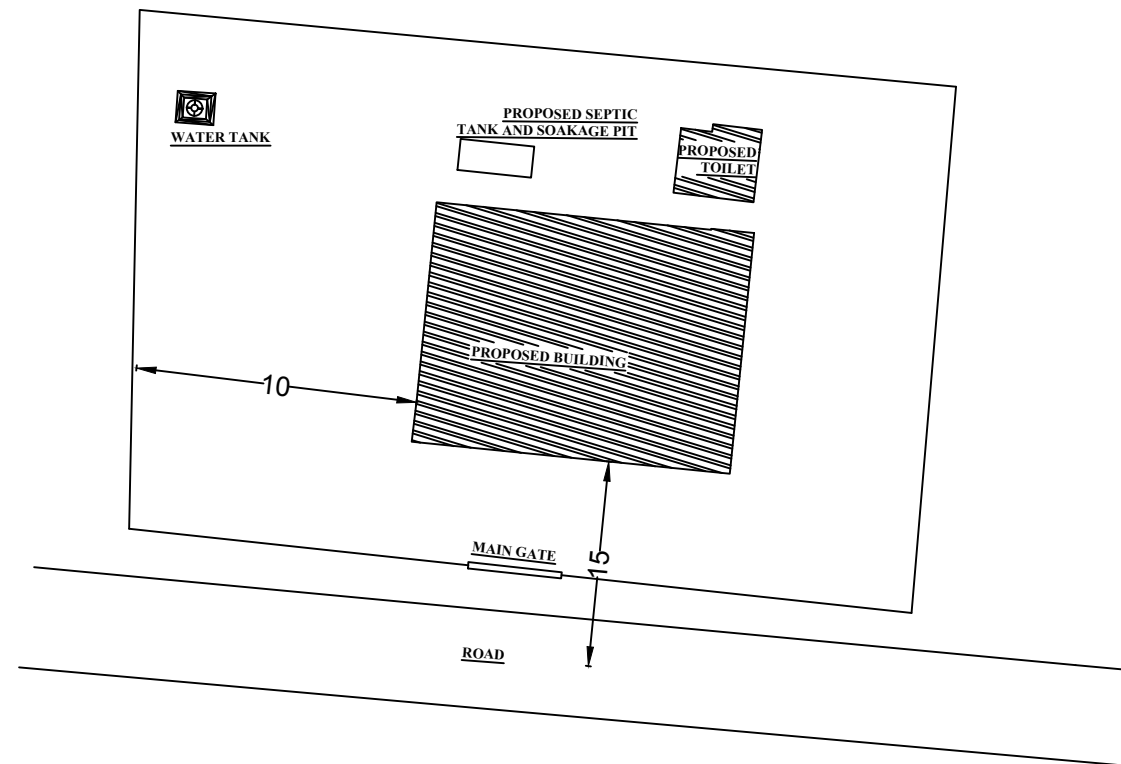
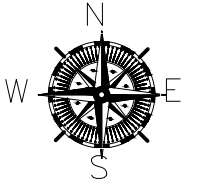


Empowered lives.  
Resilient nations.

**UNITED NATIONS DEVELOPMENT PROGRAMME**

## **LIST OF DRAWINGS**

1. SITE LAYOUT	- UNDP/JAF/MYL/MULT/LAY/001
2. KEY PLAN	- UNDP/JAF/MYL/MULT/AR/001
3. DETAIL OF DOORS & WINDOWS	- UNDP/JAF/MYL/MULT/AR/002
4. LAYOUT & DETAIL OF WALL FOUNDATION	- UNDP/JAF/MYL/MULT/SD/001
5. LAYOUT & DETAIL OF COLUMN AND COLUMN FOUNDATION	- UNDP/JAF/MYL/MULT/SD/002
6. LAYOUT & DETAIL OF LINTEL AND BEAM	- UNDP/JAF/MYL/MULT/SD/003
7. DETAIL OF ROOF FRAME	- UNDP/JAF/MYL/MULT/SD/004
8. DETAIL OF TOILET	- UNDP/JAF/MYL/MULT/TOI/001
9. DETAIL OF SOAKAGE PIT CUM SEPTIC TANK	- UNDP/JAF/MYL/MULT/TOI/002
10. DETAIL OF ELECTRICAL FLOOR LAYOUT	- UNDP/JAF/MYL/MULT/EL/001
11. DETAIL OF FENCE & GATE	- UNDP/JAF/MYL/MULT/FE/001
12. DETAIL OF WATER TANK	- UNDP/JAF/MYL/MULT/WT/001



## Notes

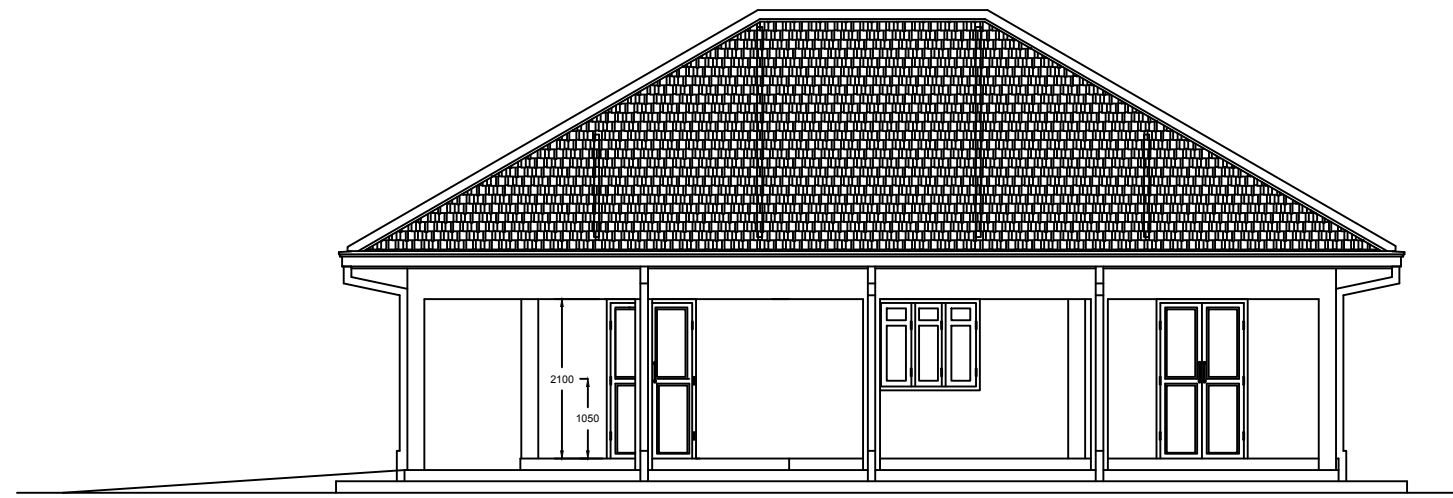
1. All dimensions in meter (m)

UNITED NATIONS  
DEVELOPMENT PROGRAMME

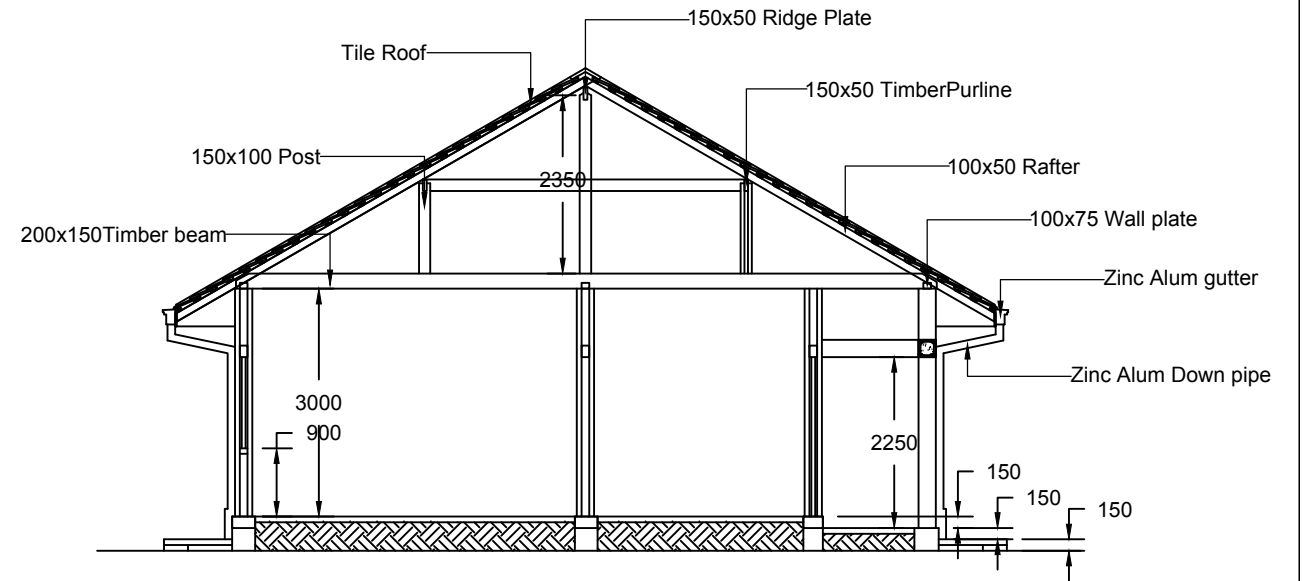
PROJECT REF. No:JAF/RNRA/101335/001/1B/ 04

## CONSTRUCTION OF MULTIPURPOSE CENTRE FOR MAYILIDDY NORTH AND THENMYLAI AT TELLIPALAI DS DIVISION IN JAFFNA

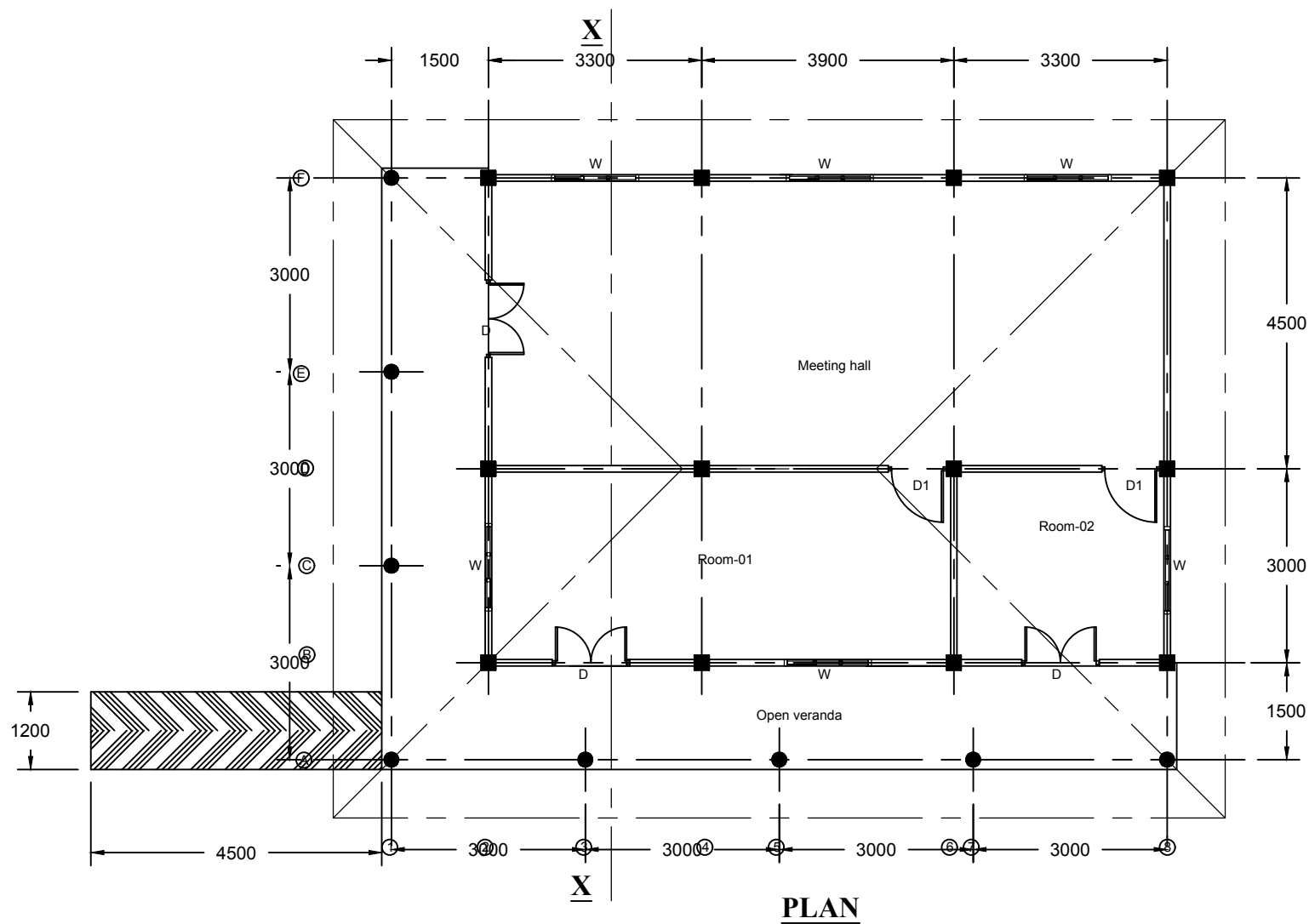
DRAWING TITLE	Site Layout		
DRAWN	S.M		
CHECKED	A.T		
DATE	31.10.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/MYL/MULT/LAY/001	REV. NO	



**FRONT ELEVATION**



**SECTION ON X-X**



**PLAN**

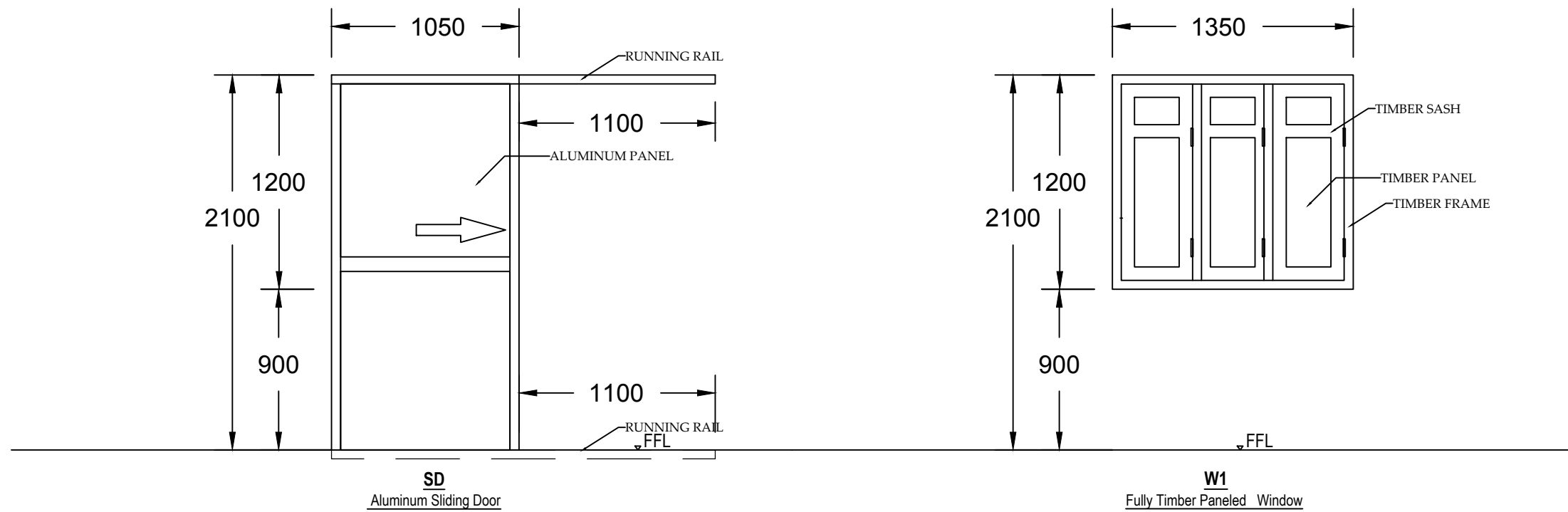
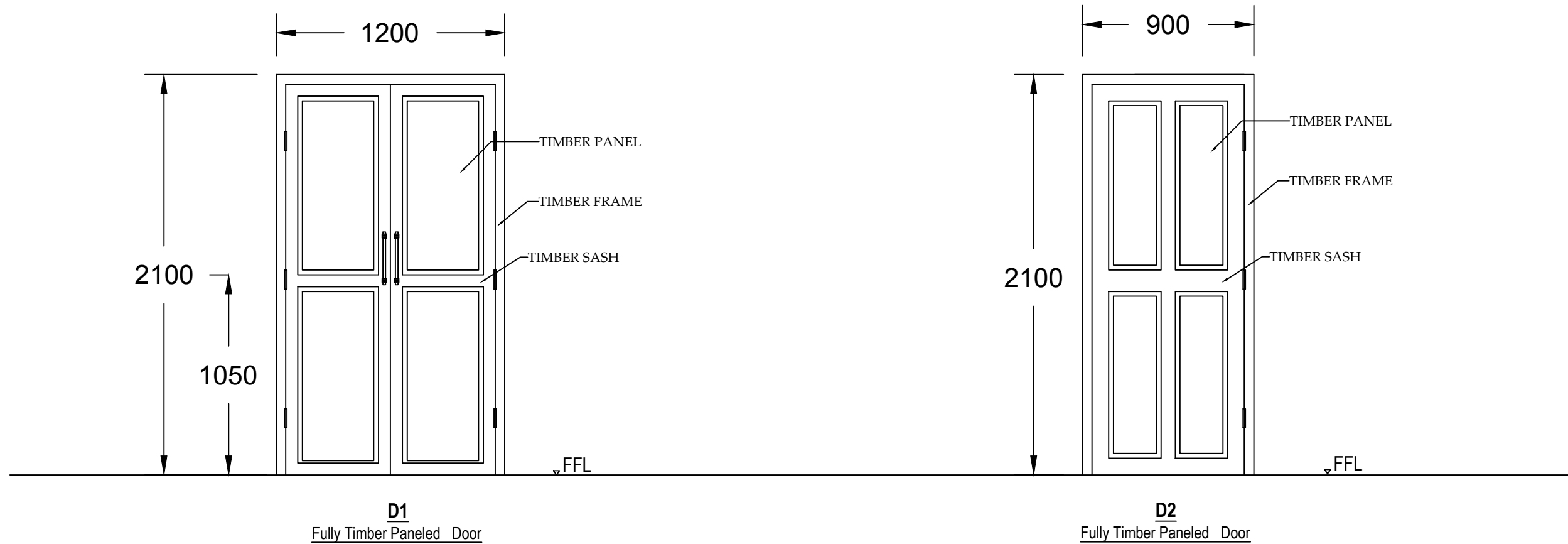
PROPOSED SCHEDULE OF OPENINGS			
NAME	DESCRIPTION	SIZE	NOS
D	FULLY TIMBER PANELED DOOR	1200 x 2100	04
D1	FULLY TIMBER PANELED DOOR	900 x 2100	01
W	FULLY TIMBER PANELED WINDOW	1200 x 1200	06

**UNITED NATIONS  
DEVELOPMENT PROGRAMME**

PROJECT REF. No:JAF/RNRA/101335/001/1B/ 04

# **CONSTRUCTION OF MULTIPURPOSE CENTRE FOR MAYILIDDY NORTH AND THENMYLAI AT TELLIPALAI DS DIVISION IN JAFFNA**

DRAWING TITLE	Key plan		
DRAWN	S.M		
CHECKED	A.T		
DATE	31.10.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/MYL/MULT/AR/001	REV. NO	

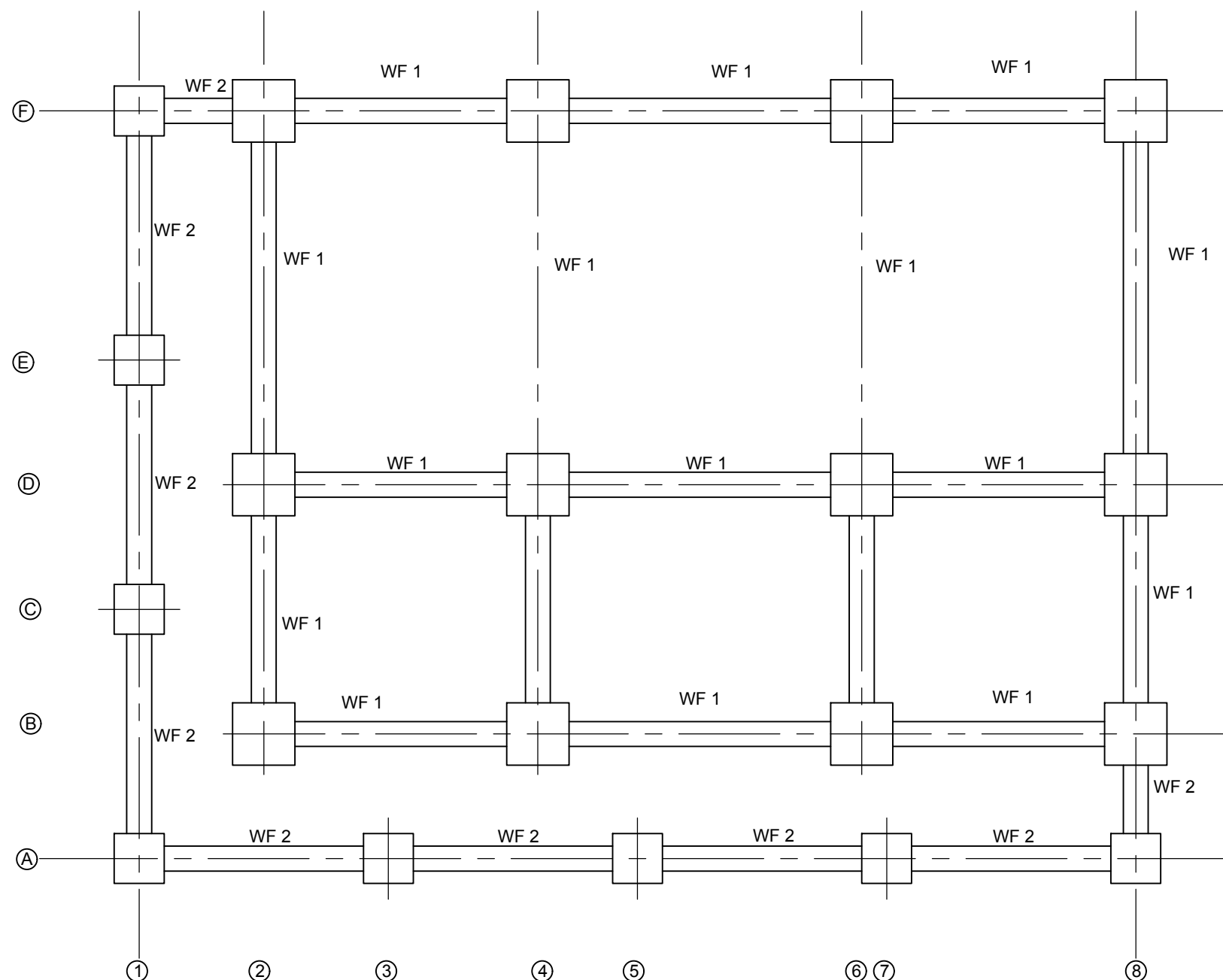


**UNITED NATIONS  
DEVELOPMENT PROGRAMME**

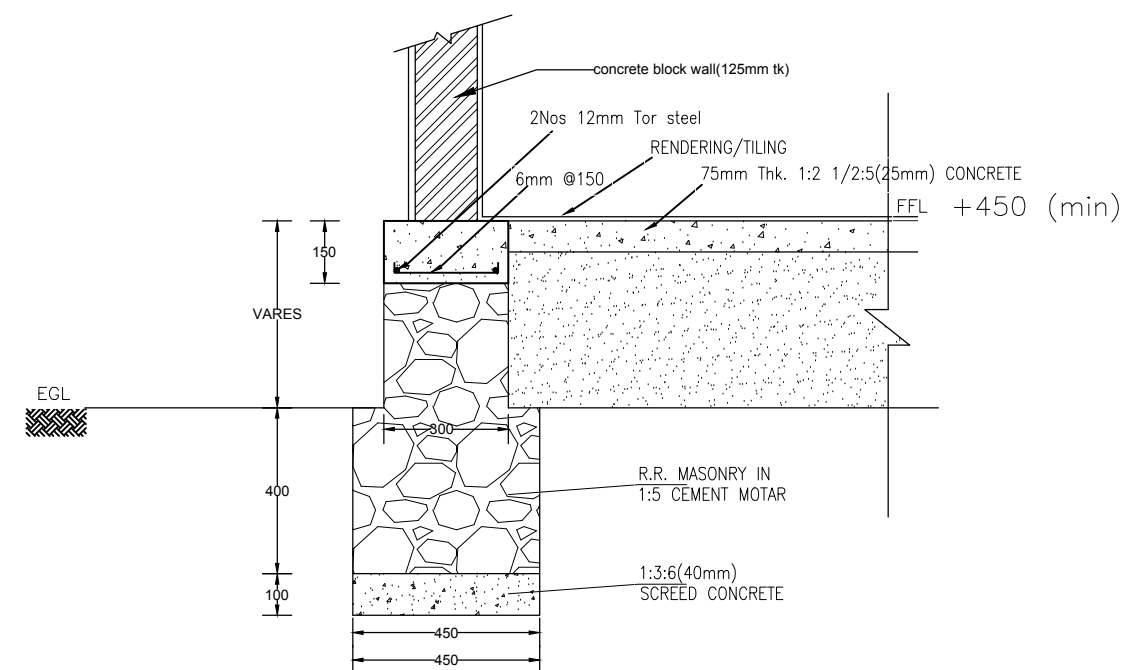
PROJECT REF. No:JAF/RNRA/101335/001/1B/ 04

# **CONSTRUCTION OF MULTIPURPOSE CENTRE FOR MAYILIDDY NORTH AND THENMYLAI AT TELLIPALAI DS DIVISION IN JAFFNA**

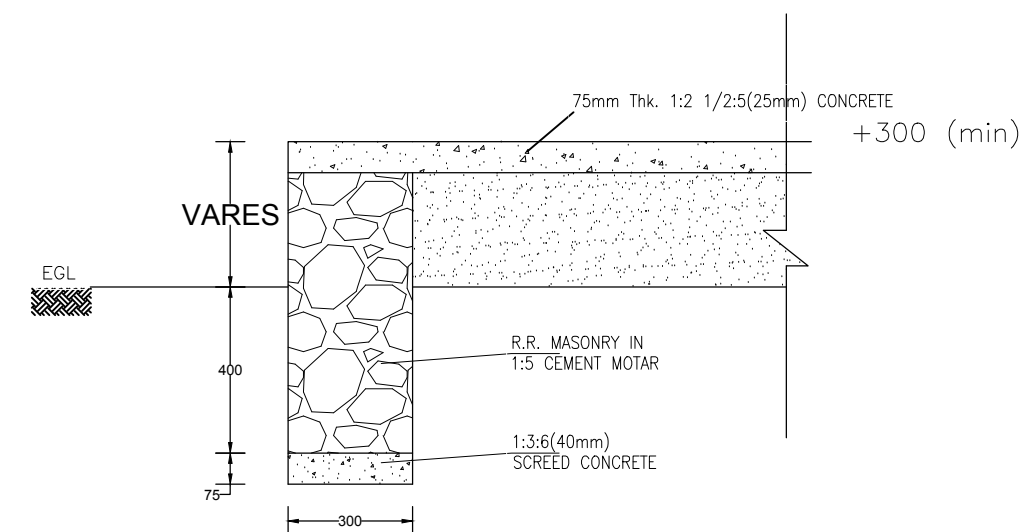
DRAWING TITLE	Details of Doors and Windows		
DRAWN	S.M		
CHECKED	A.T		
DATE	31.10.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/MYL/MULT/AR/002	REV. NO	



1. Structural Concrete Grade  
20(20) N/mm<sup>2</sup>
2. Minimum Concrete cover  
Thickness 20mm
3. All dimensions in mm
4. For elevation refer Architectural  
Drawing



WALL FOUNDATION WF 1



DETAILS OF FOUNDATION WF 2

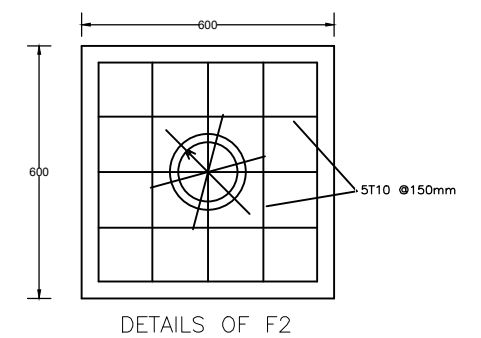
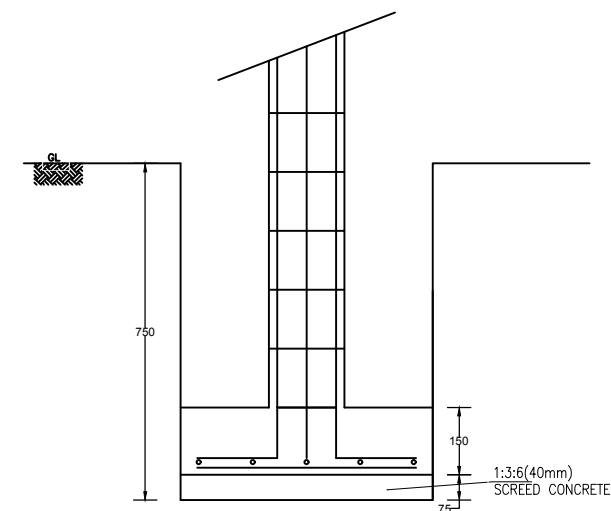
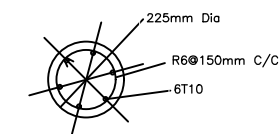
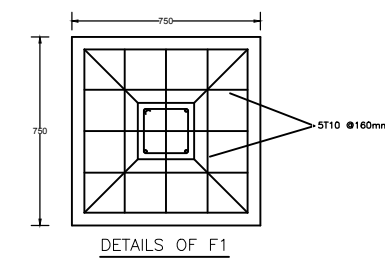
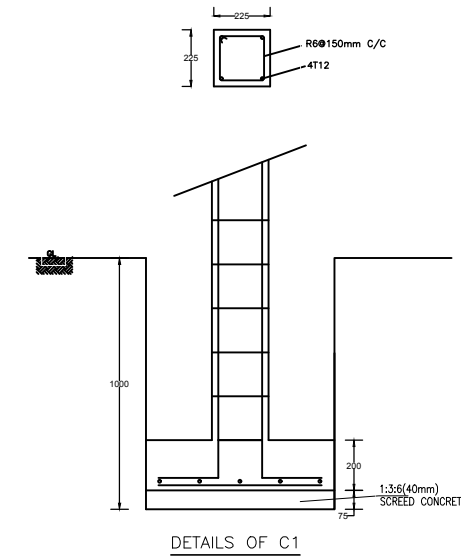
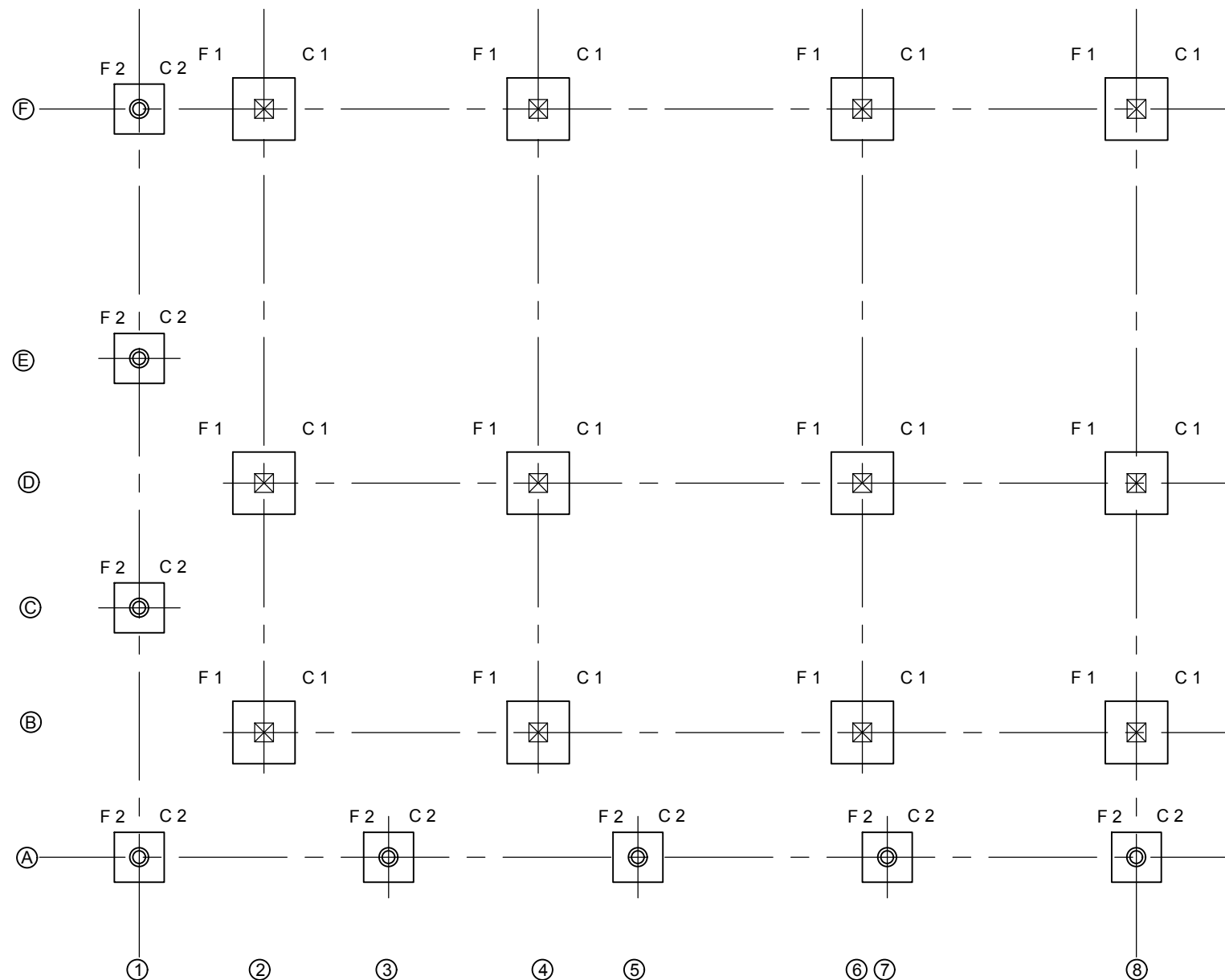
UNITED NATIONS  
DEVELOPMENT PROGRAMME

PROJECT REF. No:JAF/RNRA/101335/001/1B/ 04

## CONSTRUCTION OF MULTIPURPOSE CENTRE FOR MAYILIDDY NORTH AND THENMYLAI AT TELLIPALAI DS DIVISION IN JAFFNA

DRAWING TITLE	Layout & details of Wall foundation		
DRAWN	S.M		
CHECKED	A.T		
DATE	31.10.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/MYL/MULT/SD/001	REV. NO	





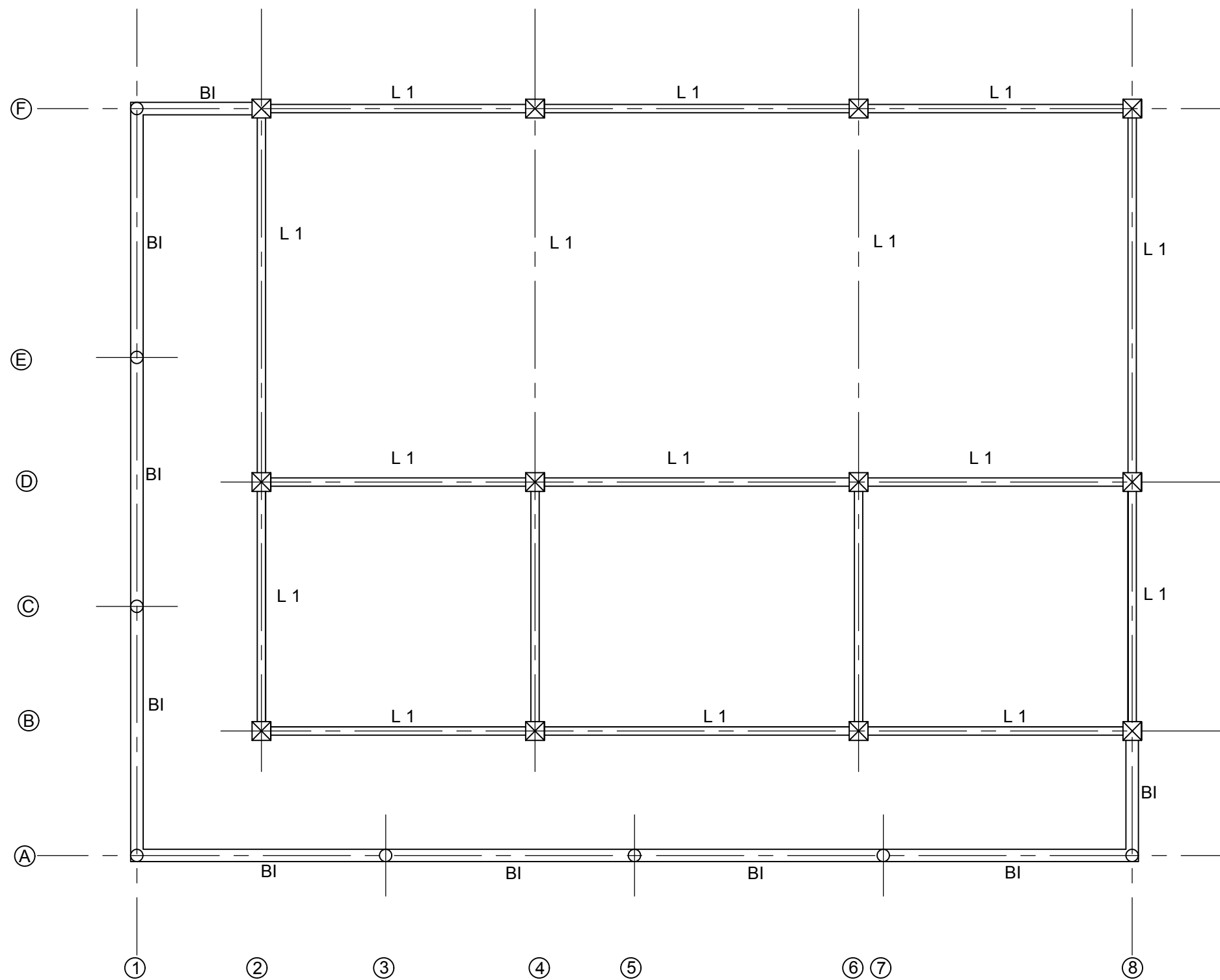
1. Structural Concrete Grade  
20(20) N/mm<sup>2</sup>
2. Minimum Concrete cover  
Thickness 20mm
3. All dimensions in mm
4. For elevation refer Architectural  
Drawing

UNITED NATIONS  
DEVELOPMENT PROGRAMME

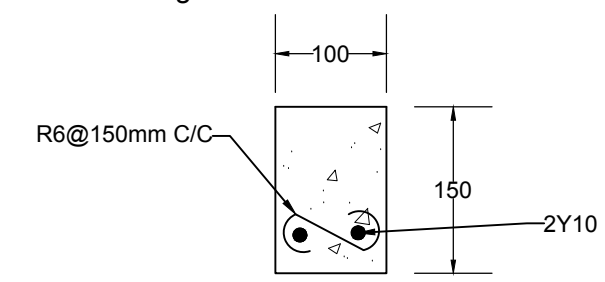
PROJECT REF. No:JAF/RNRA/101335/001/1B/ 04

# CONSTRUCTION OF MULTIPURPOSE CENTRE FOR MAYILIDY NORTH AND THENMYLAI AT TELLIPALAI DS DIVISION IN JAFFNA

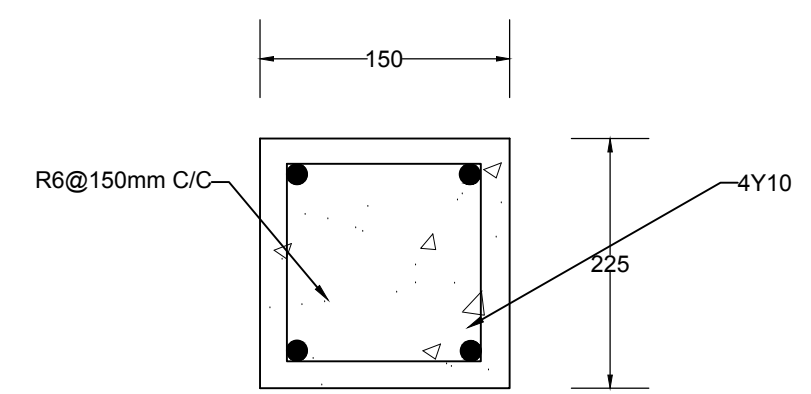
DRAWING TITLE	Layout & Details of Column & Column foundation		
DRAWN	S.M		
CHECKED	A.T		
DATE	31.10.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/MYL/MULT/SD/002	REV. NO	



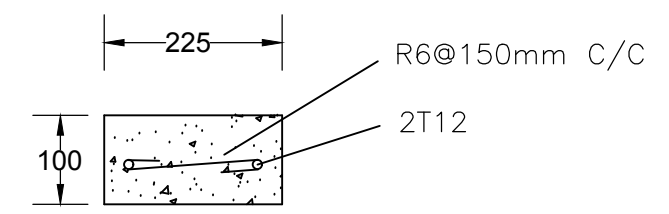
1. Structural Concrete Grade  
20(20) N/mm<sup>2</sup>
2. Minimum Concrete cover  
Thickness 20mm
3. All dimensions in mm
4. For elevation refer Architectural  
Drawing



DETAILS OF LINTEL L1



DETAILS OF BEAM B1



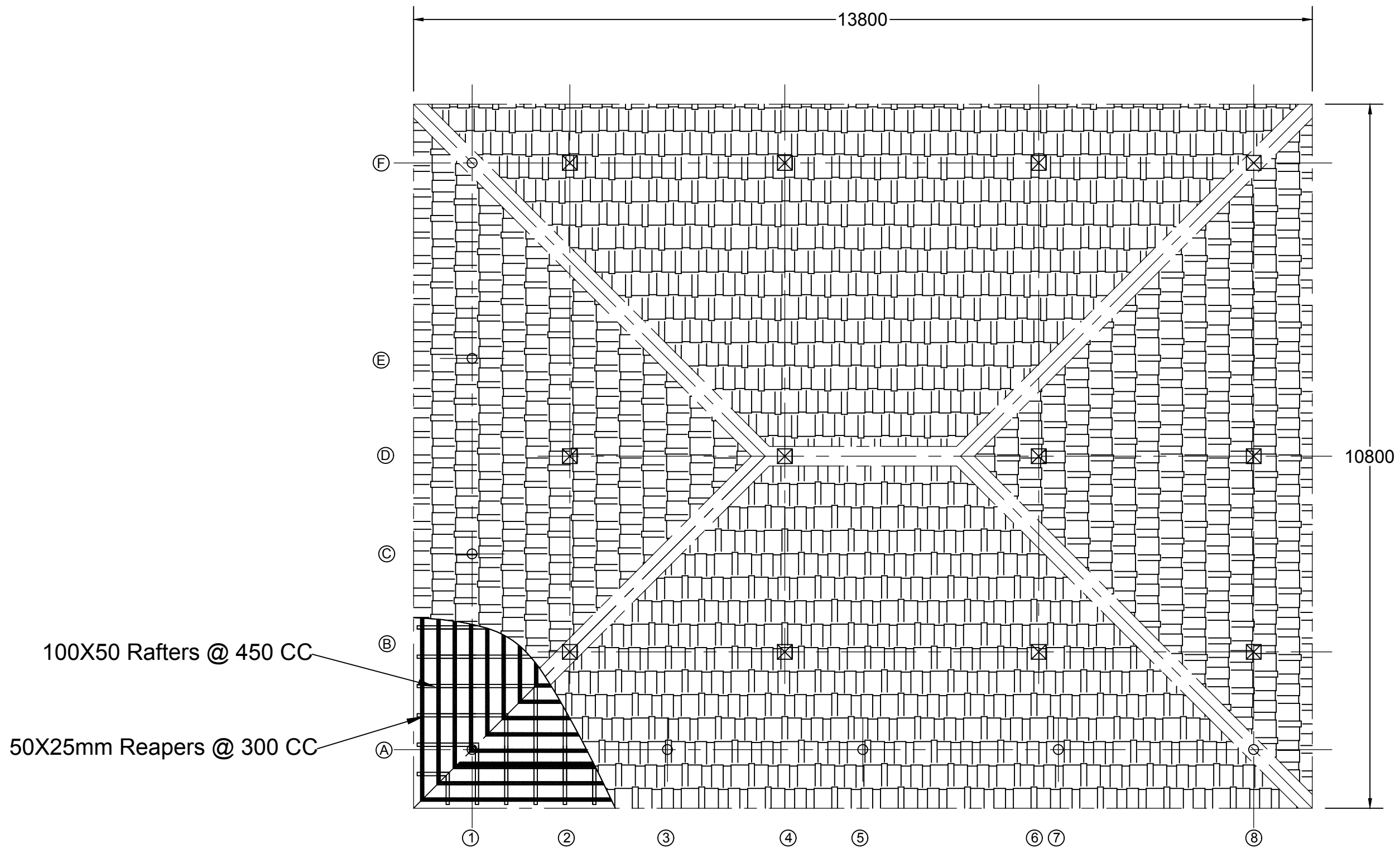
DETAILS OF S1

**UNITED NATIONS  
DEVELOPMENT PROGRAMME**

PROJECT REF. No:JAF/RNRA/101335/001/1B/ 04

# **CONSTRUCTION OF MULTIPURPOSE CENTRE FOR MAYILIDDY NORTH AND THENMYLAI AT TELLIPALAI DS DIVISION IN JAFFNA**

DRAWING TITLE	Details of Lintel		
DRAWN	S.M		
CHECKED	A.T		
DATE	31.10.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/MYL/MULT/SD/003	REV. NO	



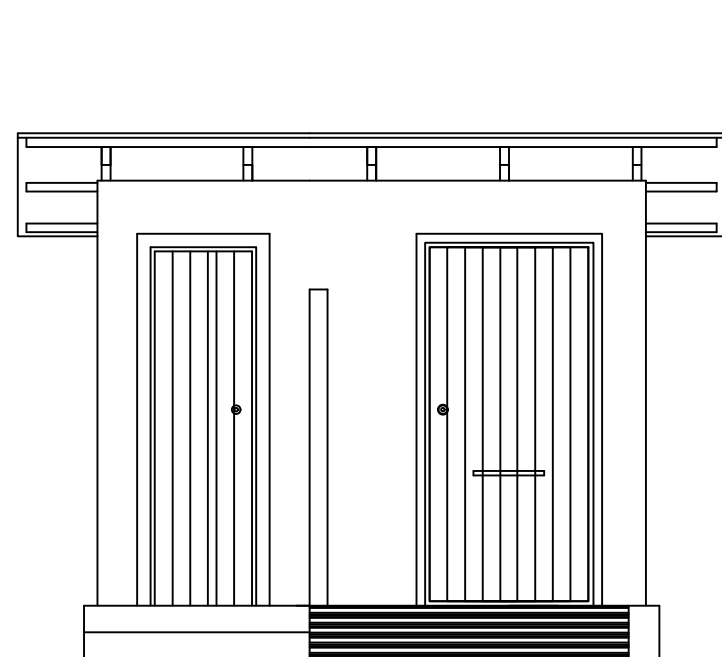
**ROOF PLAN**

**UNITED NATIONS  
DEVELOPMENT PROGRAMME**

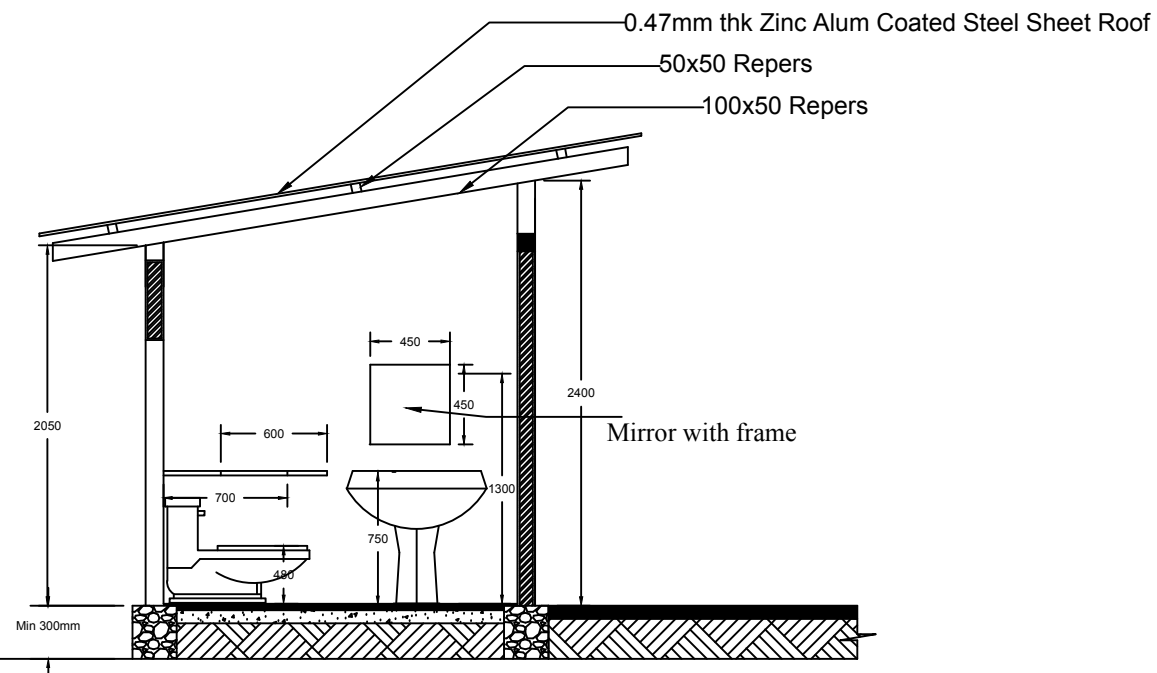
PROJECT REF. No:JAF/RNRA/101335/001/1B/ 04

**CONSTRUCTION OF MULTIPURPOSE CENTRE FOR  
MAYILIDDY NORTH AND THENMYLAI AT  
TELLIPALAI DS DIVISION IN JAFFNA**

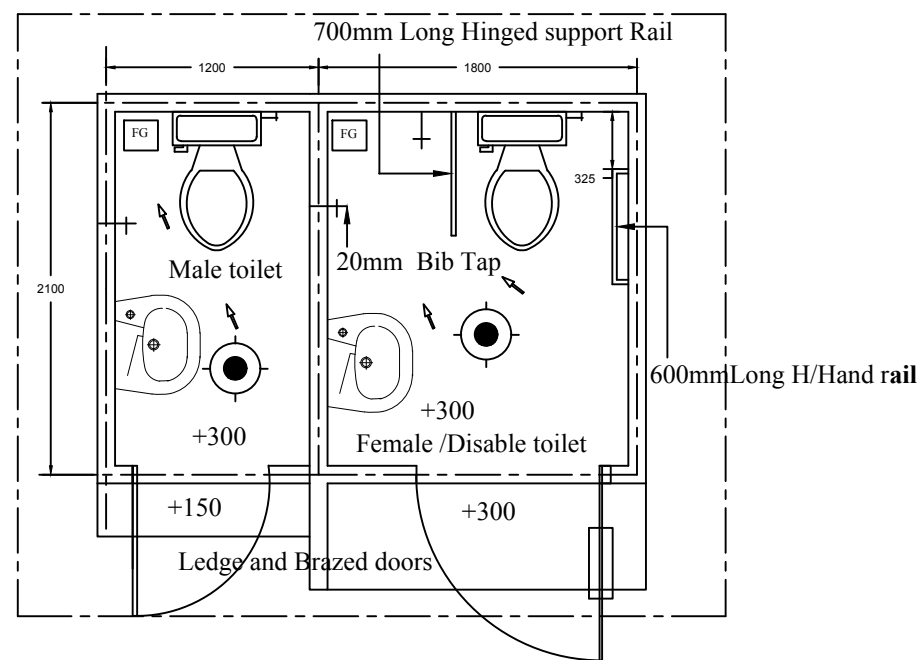
DRAWING TITLE	Details of Roof frame		
DRAWN	S.M		
CHECKED	A.T		
DATE	31.10.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/MYL/MULT/SD/004	REV. NO	



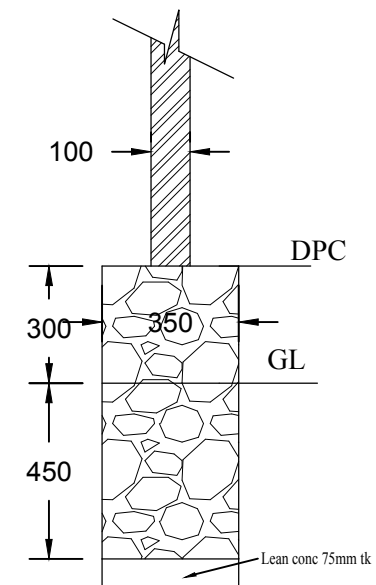
**FRONT ELEVATION**



**SECTION ON X-X**



**PLAN**



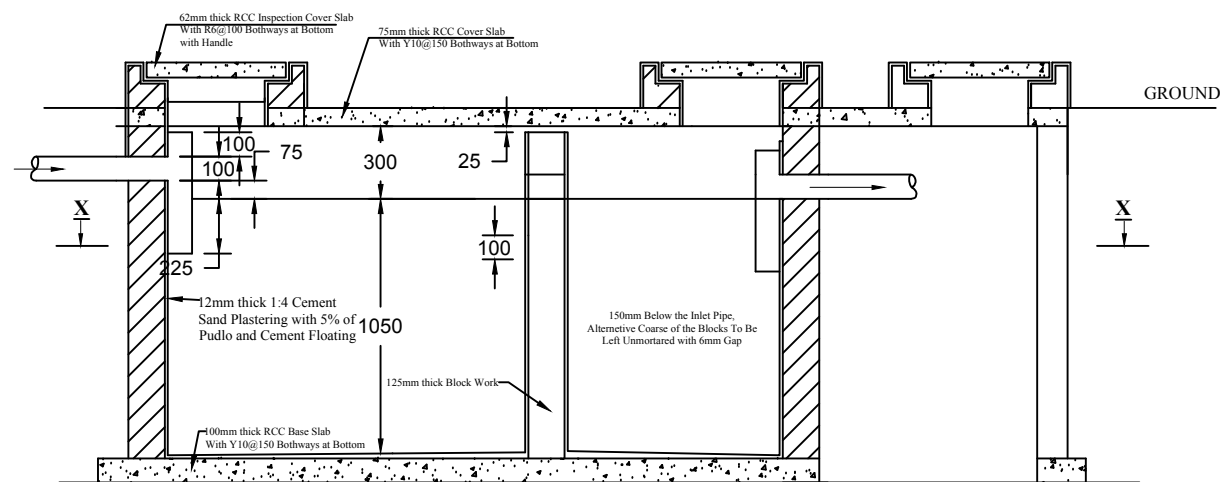
**FOUNDATION SECTION**

**UNITED NATIONS  
DEVELOPMENT PROGRAMME**

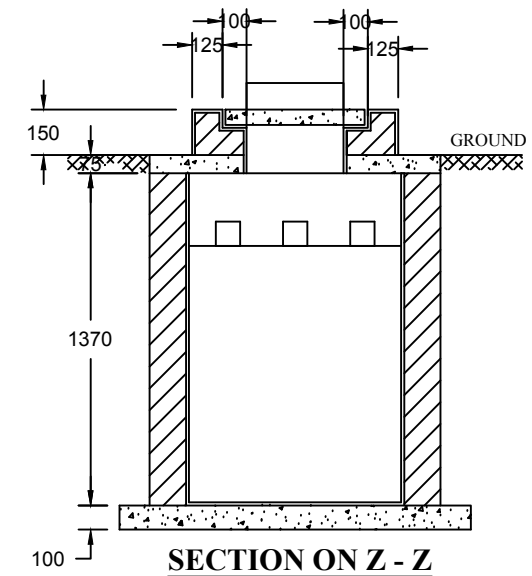
PROJECT REF. No:JAF/RNRA/101335/001/1B/ 04

**CONSTRUCTION OF MULTIPURPOSE CENTRE FOR  
MAYILIDDY NORTH AND THENMYLAI AT  
TELLIPALAI DS DIVISION IN JAFFNA**

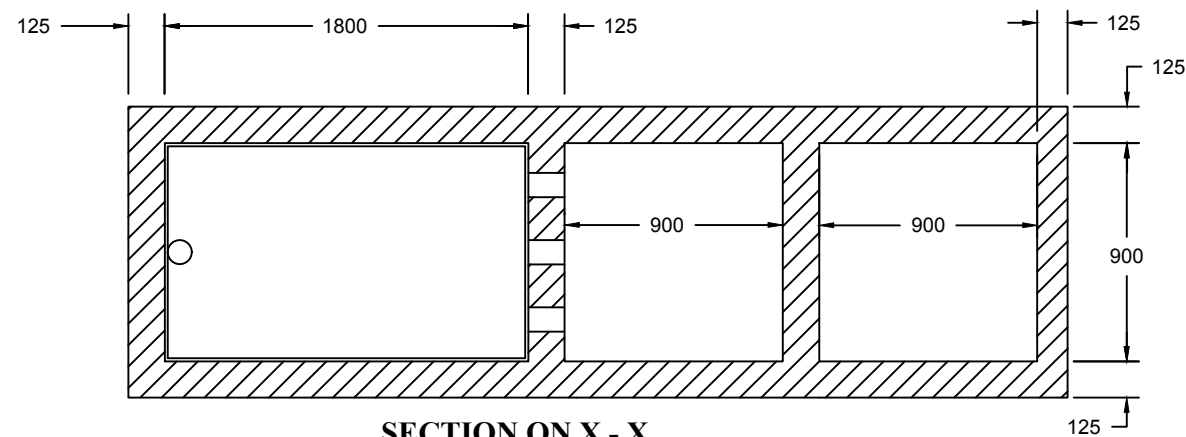
DRAWING TITLE	Details of Toilet		
DRAWN	S.M		
CHECKED	A.T		
DATE	31.10.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/MYL/MULT/TOI/001	REV. NO	



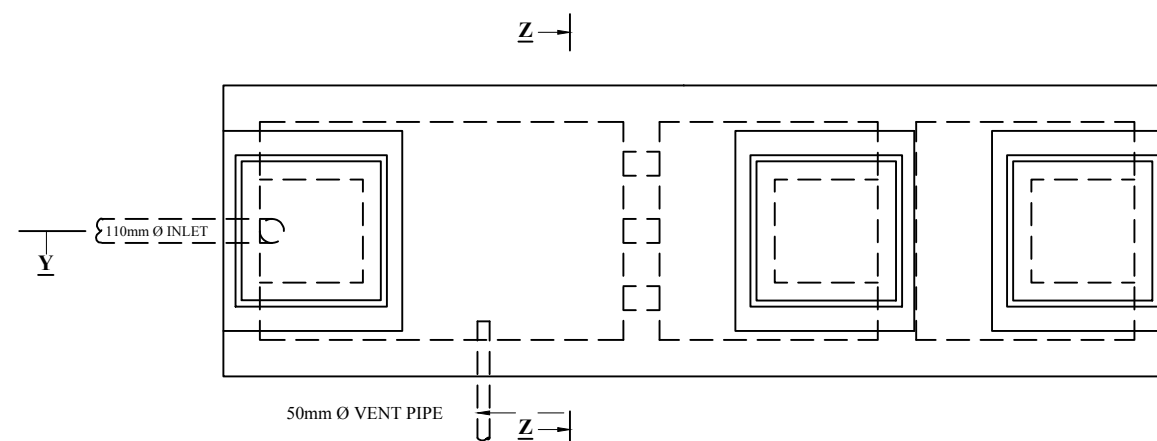
**SECTION ON Y - Y**



**SECTION ON Z - Z**



**SECTION ON X - X**



**PLAN**

**SEPTIC TANK**

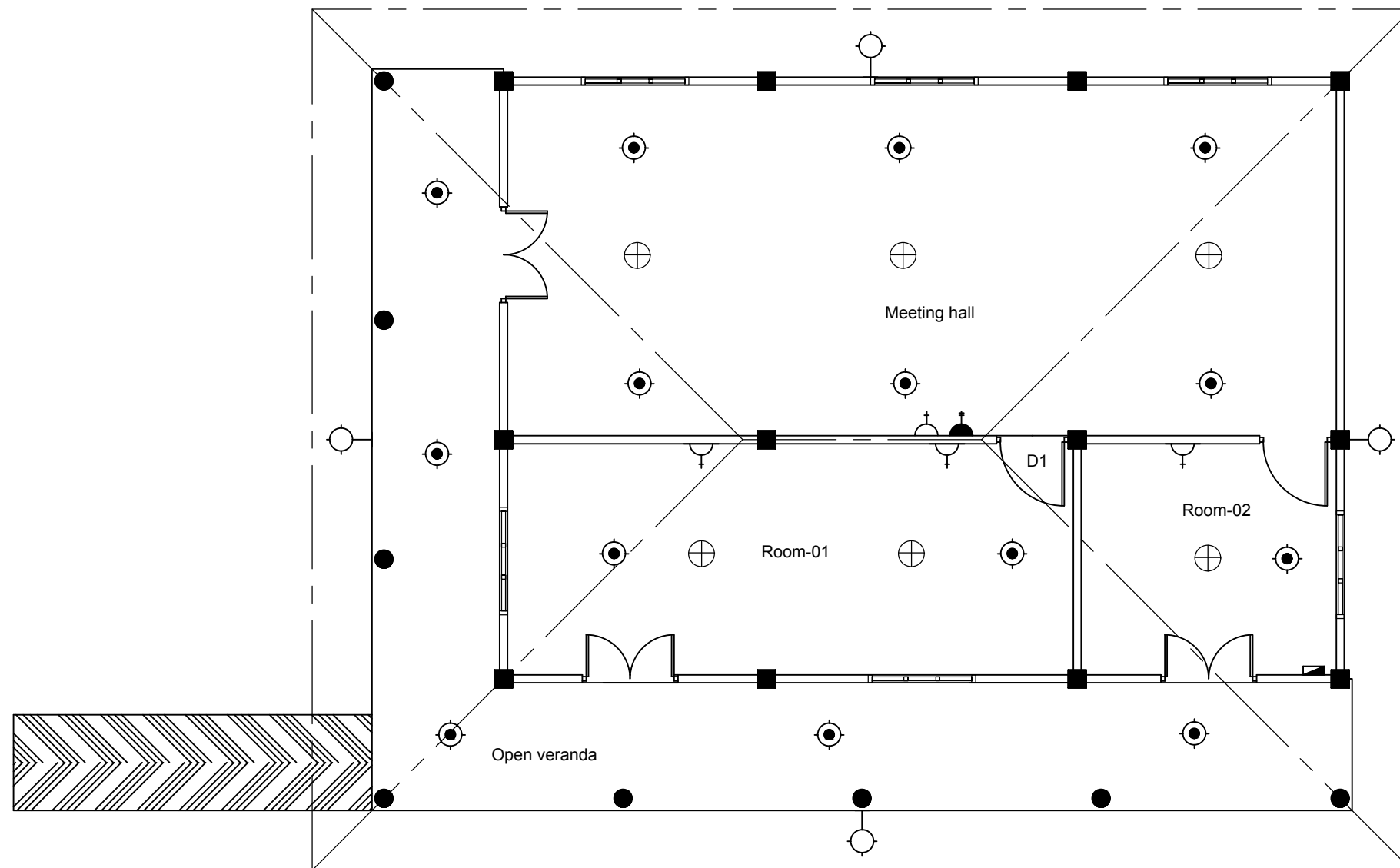
1. Structural Concrete Grade  
20(20) N/mm<sup>2</sup>
2. Minimum Concrete cover  
Thickness 20mm
3. All dimensions in mm
4. For elevation refer Architectural  
Drawing

**UNITED NATIONS  
DEVELOPMENT PROGRAMME**

PROJECT REF. No:JAF/RNRA/101335/001/1B/ 04

# **CONSTRUCTION OF MULTIPURPOSE CENTRE FOR MAYILIDDY NORTH AND THENMYLAI AT TELLIPALAI DS DIVISION IN JAFFNA**

DRAWING TITLE	Details of Septic tank & Soakage pit		
DRAWN	S.M		
CHECKED	A.T		
DATE	31.10.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/MYL/MULT/TOI/002	REV. NO	



ELECTRICAL LEGEND	
TYPE	DESCRIPTION
	Wall Bracket Lamp
	Pendent Lamp(CFL Lamp)
	(5A) Socket Outlet
	(13A) Socket Outlet
	DB
	Fan
	Switch

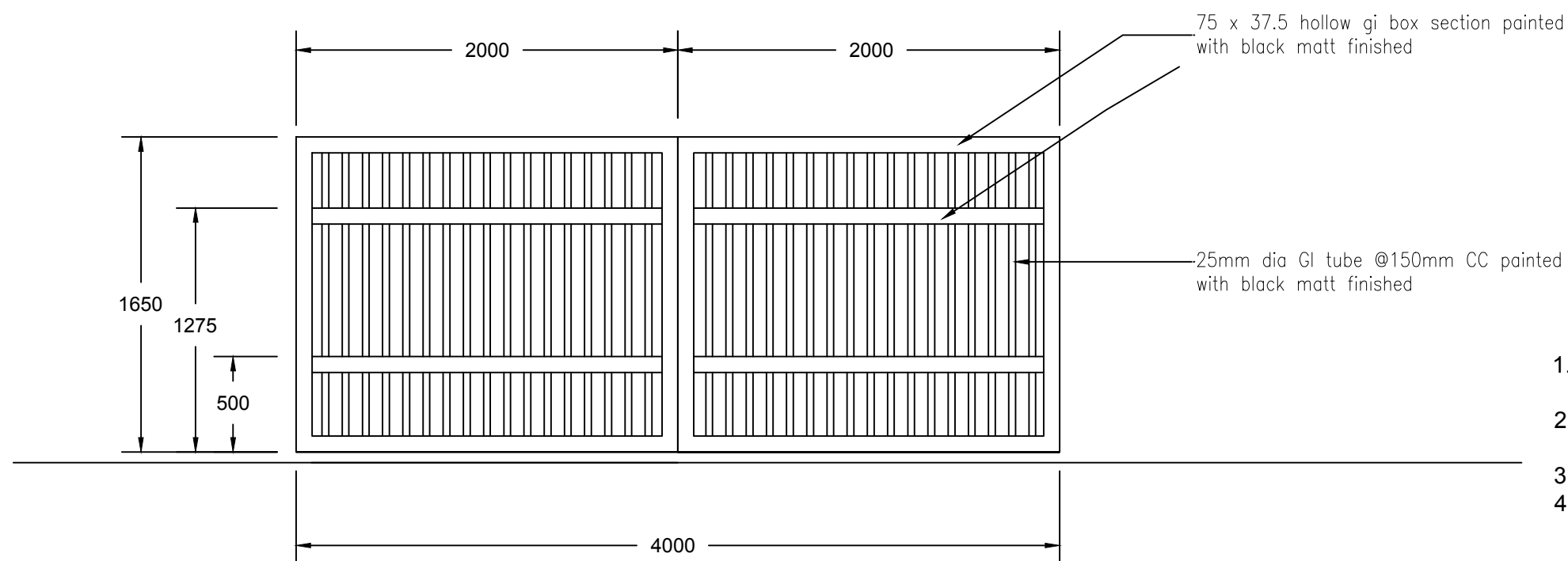
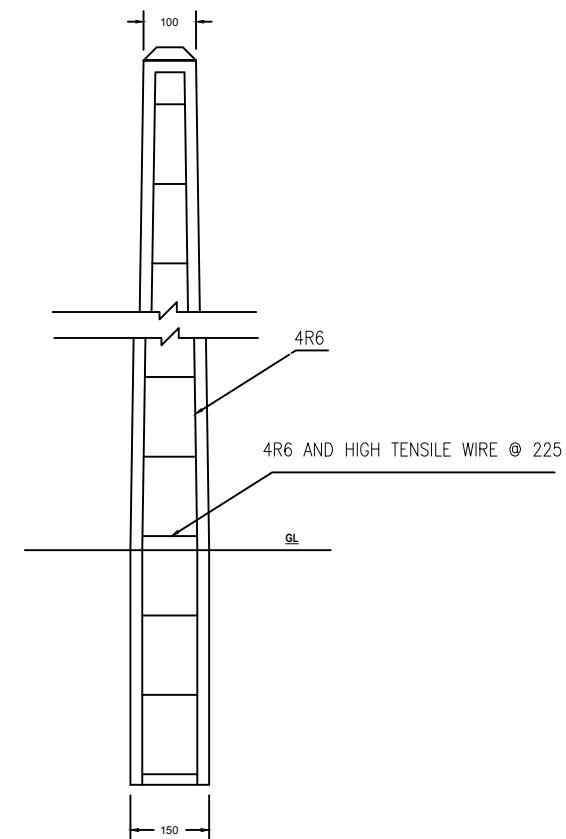
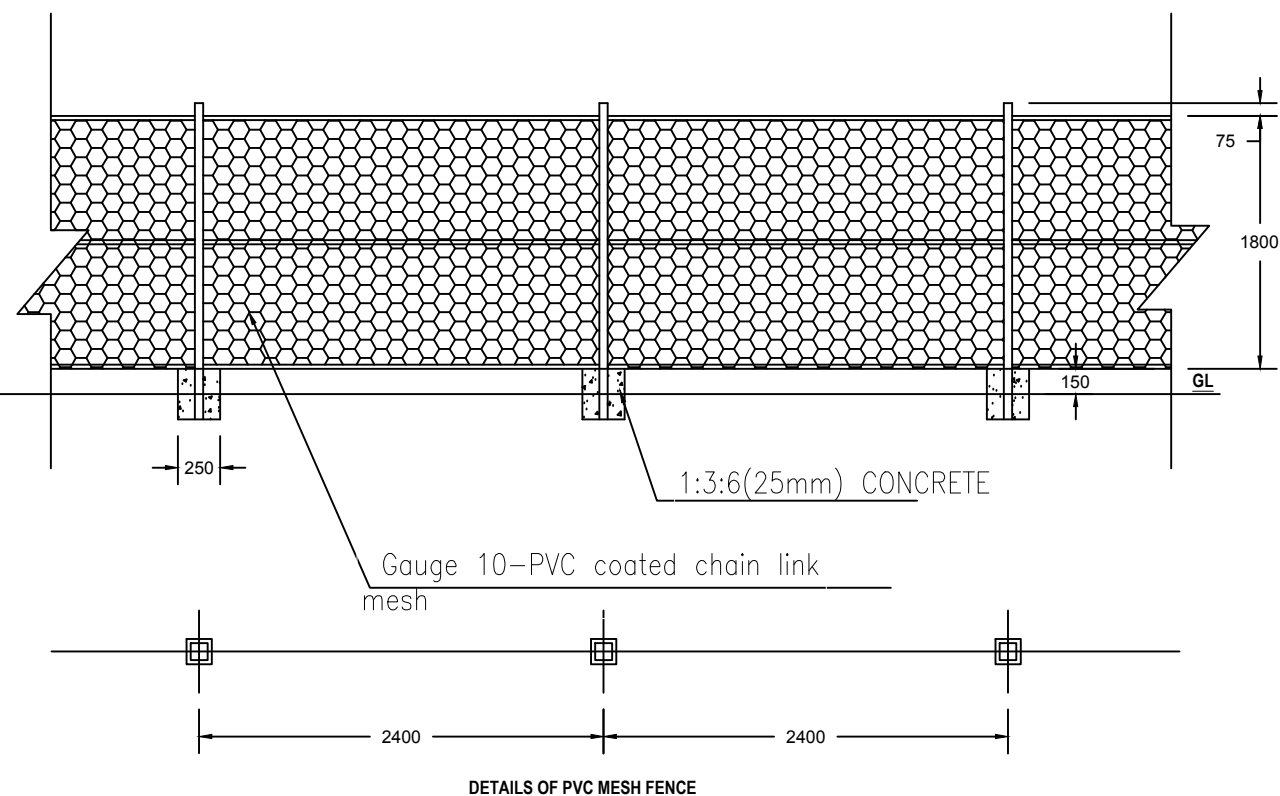
**PLAN**

**UNITED NATIONS  
DEVELOPMENT PROGRAMME**

PROJECT REF. No:JAF/RNRA/101335/001/1B/ 04

**CONSTRUCTION OF MULTIPURPOSE CENTRE FOR  
MAYILIDDY NORTH AND THENMYLAI AT  
TELLIPALAI DS DIVISION IN JAFFNA**

DRAWING TITLE	Detail Electrical floor layout		
DRAWN	S.M		
CHECKED	A.T		
DATE	31.10.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/MYL/MULT/EL/001	REV. NO	



1. Structural Concrete Grade 20(20) N/mm<sup>2</sup>
2. Minimum Concrete cover Thickness 20mm
3. All dimensions in mm
4. For elevation refer Architectural Drawing



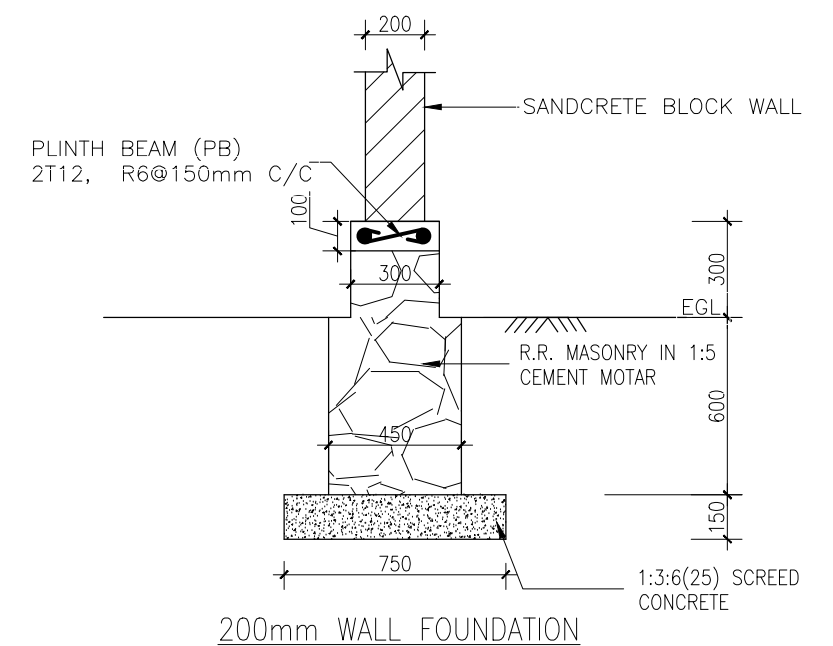
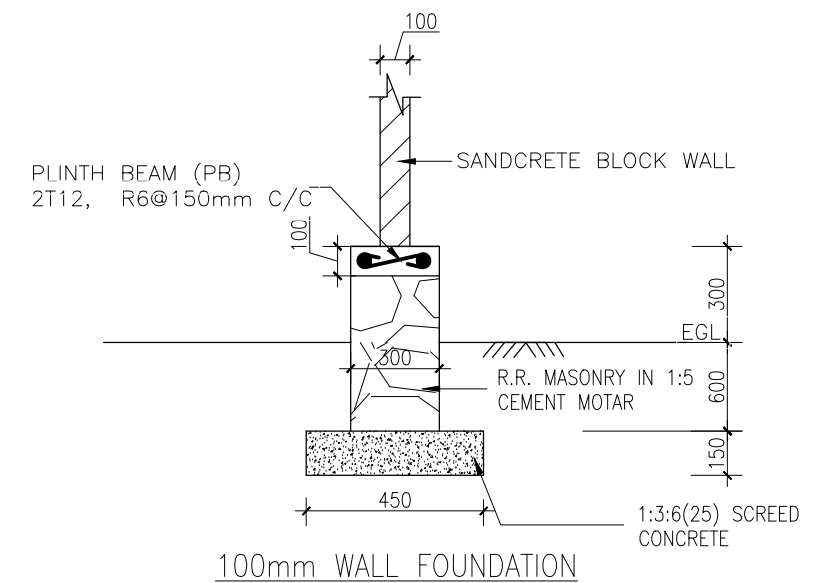
**UNITED NATIONS  
DEVELOPMENT PROGRAMME**

PROJECT REF. No:JAF/RNRA/101335/001/1B/ 04

Empowered lives.  
Resilient nations.

## CONSTRUCTION OF MULTIPURPOSE CENTRE FOR MAYILIDDY NORTH AND THENMYLAI AT TELLIPALAI DS DIVISION IN JAFFNA

DRAWING TITLE	Details of Fence and Gate		
DRAWN	S.M		
CHECKED	A.T		
DATE	31.10.2018		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/MYL/MULT/FE/001	REV. NO	





### Form A: Bid Submission Form

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

We, the undersigned, offer to supply the goods and related services required for [Insert Title of goods and services] in accordance with your Invitation to Bid No. [Insert ITB Reference Number] and our Bid. We hereby submit our Bid, which includes this Technical Bid and Price Schedule.

Our attached Price Schedule is for the sum of [Insert amount in words and figures and indicate currency].

We hereby declare that our firm, its affiliates or subsidiaries or employees, including any JV/Consortium /Association members or subcontractors or suppliers for any part of the contract:

- a) is not under procurement prohibition by the United Nations, including but not limited to prohibitions derived from the Compendium of United Nations Security Council Sanctions Lists;
- b) have not been suspended, debarred, sanctioned or otherwise identified as ineligible by any UN Organization or the World Bank Group or any other international Organization;
- c) have no conflict of interest in accordance with Instruction to Bidders Clause 4;
- d) do not employ, or anticipate employing, any person(s) who is, or has been a UN staff member within the last year, if said UN staff member has or had prior professional dealings with our firm in his/her capacity as UN staff member within the last three years of service with the UN (in accordance with UN post-employment restrictions published in ST/SGB/2006/15);
- e) have not declared bankruptcy, are not involved in bankruptcy or receivership proceedings, and there is no judgment or pending legal action against them that could impair their operations in the foreseeable future;
- f) undertake not to engage in proscribed practices, including but not limited to corruption, fraud, coercion, collusion, obstruction, or any other unethical practice, with the UN or any other party, and to conduct business in a manner that averts any financial, operational, reputational or other undue risk to the UN and we embrace the principles of the United Nations Supplier Code of Conduct and adhere to the principles of the United Nations Global Compact.

We declare that all the information and statements made in this Bid are true and we accept that any misinterpretation or misrepresentation contained in this Bid may lead to our disqualification and/or sanctioning by the UNDP.

We offer to supply the goods and related services in conformity with the Bidding documents, including the UNDP General Conditions of Contract and in accordance with the Schedule of Requirements and Technical Specifications.

Our Bid shall be valid and remain binding upon us for the period specified in the Bid Data Sheet.

We understand and recognize that you are not bound to accept any Bid you receive.

I, the undersigned, certify that I am duly authorized by [Insert Name of Bidder] to sign this Bid and bind it should UNDP accept this Bid.

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

Title: \_\_\_\_\_

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

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

*[Stamp with official stamp of the Bidder]*

## Form B: Bidder Information Form

<b>Legal name of Bidder</b>	[Complete]
<b>Legal address</b>	[Complete]
<b>Year of registration</b>	[Complete]
<b>Bidder's Authorized Representative Information</b>	Name and Title: [Complete] Telephone numbers: [Complete] Email: [Complete]
<b>Are you a UNGM registered vendor?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No    If yes, [insert UGNM vendor number]
<b>Are you a UNDP vendor?</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No    If yes, [insert UNDP vendor number]
<b>Countries of operation</b>	[Complete]
<b>No. of full-time employees</b>	[Complete]
<b>Quality Assurance Certification (e.g. ISO 9000 or Equivalent)</b> <i>(If yes, provide a Copy of the valid Certificate):</i>	[Complete]
<b>Does your Company hold any accreditation such as ISO 14001 or ISO 14064 or equivalent related to the environment?</b> <i>(If yes, provide a Copy of the valid Certificate):</i>	[Complete]
<b>Does your Company have a written Statement of its Environmental Policy?</b> <i>(If yes, provide a Copy)</i>	[Complete]
<b>Does your organization demonstrates significant commitment to sustainability through some other means, for example internal company policy documents on women empowerment, renewable energies or membership of trade institutions promoting such issues</b>	[Complete]
<b>Is your company a member of the UN Global Compact</b>	[Complete]

<b>Contact person that UNDP may contact for requests for clarifications during Bid evaluation</b>	Name and Title: [Complete] Telephone numbers: [Complete] Email: [Complete]
<b>Please attach the following documents:</b>	<ul style="list-style-type: none"> <li>▪ Company Profile, which should <u>not</u> exceed fifteen (15) pages, including printed brochures and product catalogues relevant to the goods and/or services being procured</li> <li>▪ Certificate of Incorporation/ Business Registration</li> <li>▪ 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</li> <li>▪ Trade name registration papers, if applicable</li> <li>▪ Quality Certificate (e.g., ISO, etc.) and/or other similar certificates, accreditations, awards and citations received by the Bidder, if any</li> <li>▪ Environmental Compliance Certificates, Accreditations, Markings/Labels, and other evidences of the Bidder's practices which contributes to the ecological sustainability and reduction of adverse environmental impact (e.g., use of non-toxic substances, recycled raw materials, energy-efficient equipment, reduced carbon emission, etc.), either in its business practices or in the goods it manufactures</li> <li>▪ Patent Registration Certificates, if any of technologies submitted in the Bid is patented by the Bidder</li> <li>▪ Certification or authorization to act as Agent on behalf of the Manufacturer, or Power of Attorney.</li> <li>▪ Export Licenses, if applicable</li> <li>▪ Local Government permit to locate and operate in assignment location, if applicable</li> <li>▪ Official Letter of Appointment as local representative, if Bidder is submitting a Bid on behalf of an entity located outside the country</li> </ul>

### Form C: Joint Venture/Consortium/Association Information Form

Name of Bidder:	[Insert Name of Bidder]	Date:	<span style="background-color: #cccccc; border: 1px solid #000; padding: 2px;">Select date</span>
ITB reference:	[Insert ITB Reference Number]		

To be completed and returned with your Bid if the Bid is submitted as a Joint Venture/Consortium/Association.

No	Name of Partner and contact information <i>(address, telephone numbers, fax numbers, e-mail address)</i>	Proposed proportion of responsibilities (in %) and type of goods and/or services to be performed
1	[Complete]	[Complete]
2	[Complete]	[Complete]
3	[Complete]	[Complete]

<b>Name of leading partner</b> (with authority to bind the JV, Consortium, Association during the ITB process and, in the event a Contract is awarded, during contract execution)	[Complete]
--	------------

We have attached a copy of the below referenced document signed by every partner, which details the likely legal structure of and the confirmation of joint and severable liability of the members of the said joint venture:

☐ Letter of intent to form a joint venture
 **OR**
☐ JV/Consortium/Association agreement

We hereby confirm that if the contract is awarded, all parties of the Joint Venture/Consortium/Association shall be jointly and severally liable to UNDP for the fulfillment of the provisions of the Contract.

Name of partner: \_\_\_\_\_ Name of partner: \_\_\_\_\_

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

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

Name of partner: \_\_\_\_\_ Name of partner: \_\_\_\_\_

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

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

## Form D: Eligibility and Qualification Form

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

If JV/Consortium/Association, to be completed by each partner.

### History of Non- Performing Contracts

<input type="checkbox"/> Non-performing contracts did not occur during the last 3 years			
<input type="checkbox"/> Contract(s) not performed in the last 3 years			
Year	Non- performed portion of contract	Contract Identification	Total Contract Amount (current value in US\$)
		Name of Client: Address of Client: Reason(s) for non-performance:	

### Litigation History (including pending litigation)

<input type="checkbox"/> No litigation history for the last 3 years			
<input type="checkbox"/> Litigation History as indicated below			
Year of dispute	Amount in dispute (in US\$)	Contract Identification	Total Contract Amount (current value in US\$)
		Name of Client: Address of Client: Matter in dispute: Party who initiated the dispute: Status of dispute: Party awarded if resolved:	

### Previous Relevant Experience

Please list only previous similar assignments successfully completed in the last 3 years.

List only those assignments for which the Bidder was legally contracted or sub-contracted by the Client as a company or was one of the Consortium/JV partners. Assignments completed by the Bidder's individual experts working privately or through other firms cannot be claimed as the relevant experience of the Bidder, or that of the Bidder's partners or sub-consultants, but can be claimed by the Experts themselves in their CVs. The Bidder should be prepared to substantiate the claimed experience by presenting copies of relevant documents and references if so requested by UNDP.

Project name & Country of Assignment	Client & Reference Contact Details	Contract Value	Period of activity and status	Types of activities undertaken

Bidders may also attach their own Project Data Sheets with more details for assignments above.

☐ Attached are the Statements of Satisfactory Performance from the Top 3 (three) Clients or more.

## Financial Standing

<b>Annual Turnover for the last 3 years</b>	Year	USD
	Year	USD
	Year	USD
<b>Latest Credit Rating (if any), indicate the source</b>		

Financial information (in US\$ equivalent)	Historic information for the last 3 years		
	Year 1	Year 2	Year 3
	<i>Information from Balance Sheet</i>		
Total Assets (TA)			
Total Liabilities (TL)			
Current Assets (CA)			
Current Liabilities (CL)			
	<i>Information from Income Statement</i>		
Total / Gross Revenue (TR)			
Profits Before Taxes (PBT)			
Net Profit			
Current Ratio			

☐ Attached are copies of the audited financial statements (balance sheets, including all related notes, and income statements) for the years required above complying with the following condition:

- Must reflect the financial situation of the Bidder or party to a JV, and not sister or parent companies;
- Historic financial statements must be audited by a certified public accountant;
- Historic financial statements must correspond to accounting periods already completed and audited. No statements for partial periods shall be accepted.

## Form E: Format of Technical Bid

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

The Bidder's Bid should be organized to follow this format of the Technical Bid. Where the bidder is presented with a requirement or asked to use a specific approach, the bidder must not only state its acceptance, but also describe how it intends to comply with the requirements. Where a descriptive response is requested, failure to provide the same will be viewed as non-responsive.

### SECTION 1: Bidder's qualification, capacity and expertise

- 1.1 General organizational capability which is likely to affect implementation: management structure, financial stability and project financing capacity, project management controls, extent to which any work would be subcontracted (if so, provide details).
- 1.2 Relevance of specialized knowledge and experience on similar engagements done in the region/country.
- 1.3 Quality assurance procedures and risk mitigation measures.
- 1.4 Organization's commitment to sustainability.

### 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 requirements/specifications. All important aspects should be addressed in sufficient detail.

- 2.1 A detailed description of how the Bidder will deliver the required goods and services, keeping in mind the appropriateness to local conditions and project environment. Details how the different service elements shall be organized, controlled and delivered.
- 2.2 Explain whether any work would be subcontracted, to whom, how much percentage of the requirements, the rationale for such, and the roles of the proposed sub-contractors and how everyone will function as a team.
- 2.3 The bid shall also include details of the Bidder's internal technical and quality assurance review mechanisms.
- 2.4 Implementation plan including a Gantt Chart or Project Schedule indicating the detailed sequence of activities that will be undertaken and their corresponding timing.
- 2.5 Demonstrate how you plan to integrate sustainability measures in the execution of the contract.

### SECTION 3: Management Structure and Key Personnel

- 3.1 Describe the overall management approach toward planning and implementing the project. Include an organization chart for the management of the project describing the relationship of key positions and designations. Provide a spreadsheet to show the activities of each personnel and the time allocated for his/her involvement.
- 3.2 Provide CVs for key personnel that will be provided to support the implementation of this project using the format below. CVs should demonstrate qualifications in areas relevant to the scope of goods and/or services.

#### Format for CV of Proposed Key Personnel

<b>Name of Personnel</b>	[Insert]
<b>Position for this assignment</b>	[Insert]
<b>Nationality</b>	[Insert]
<b>Language proficiency</b>	[Insert]
<b>Education/ Qualifications</b>	<i>[Summarize college/university and other specialized education of personnel member, giving names of schools, dates attended, and degrees/qualifications obtained.]</i> [Insert]
<b>Professional certifications</b>	<i>[Provide details of professional certifications relevant to the scope of goods and/or services]</i> <ul style="list-style-type: none"><li>▪ Name of institution: [Insert]</li><li>▪ Date of certification: [Insert]</li></ul>
<b>Employment Record/ Experience</b>	<i>[List all positions held by personnel (starting with present position, list in reverse order), giving dates, names of employing organization, title of position held and location of employment. For experience in last five years, detail the type of activities performed, degree of responsibilities, location of assignments and any other information or professional experience considered pertinent for this assignment.]</i> [Insert]
<b>References</b>	<i>[Provide names, addresses, phone and email contact information for two (2) references]</i> Reference 1: [Insert]  Reference 2: [Insert]

I, the undersigned, certify that to the best of my knowledge and belief, the data provided above correctly describes my qualifications, my experiences, and other relevant information about myself.

\_\_\_\_\_  
Signature of Personnel

\_\_\_\_\_  
Date (Day/Month/Year)



### FORM F: Price Schedule Form

Name of Bidder:	[Insert Name of Bidder]	Date:	Select date
ITB reference:	[Insert ITB Reference Number]		

The Bidder is required to prepare the Price Schedule following the below format. The Price Schedule must include a detailed cost breakdown of all goods and related services to be provided. Separate figures must be provided for each functional grouping or category, if any.

Any estimates for cost-reimbursable items, such as travel of experts and out-of-pocket expenses, should be listed separately.

**Currency of the Bid: LKR**

### Price Schedule



Empowered lives.  
Resilient nations.

## BID-SUMMARY SHEET

<b>PROJECT TITLE</b>	<b>CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDY NORTH - TELLIPALAI DS DIVISION IN JAFFNA DISTRICT</b>
<b>PROJECT NO</b>	<b>JAF/RNRA/101335/001/1B/ 04</b>
<b>PROJECT LOCATION</b>	<b>TELLIPALAI DS DIVISION</b>
<b>DISTRICT</b>	<b>JAFFNA</b>

<b>BILL NO.</b>	<b>DESCRIPTION</b>	<b>SUB TOTAL (SLRS)</b>
1	PRELIMINARIES	
2	CONSTRUCTION OF BUILDING	
3	CONSTRUCTION OF TOILET	
4	CONSTRUCTION OF WATER TYANK	
5	EXTERNAL SERVICE	
<b>Sub Total 1 (Total of 1 to 5)</b>		
Ddt - Discount .....% (if any) for Sub Total 1		
<b>Sub Total 2 (Sub Total 1-Discount)</b>		
Add - 10% of Physical Contingencies of Sub Total 2		
<b>Bid Amount (Sub Toatal 2+10% Contingencies)</b>		

**Bid Amount in Words (excluding VAT) : SLRs.** .....

VAT Registration No (if available) .....

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

Signature and seal :.....

Name of Bidder :.....

Address :.....

Date :.....

**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDDI NORTH - TELLIPALAI DS DIVISION IN  
JAFFNA DISTRICT**

**BILLS OF QUANTITIES  
BILL NO. 01- PRELIMINARIES**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>A</b>	<b><u>PRELIMINARIES</u></b>				
	The attention of the bidder is drawn to the use of Bill of Quantities, Drawings, Conditions of Contract, Specifications and any other particulars related to this of the bid. It is the bidder's responsibility to see that his price includes for complying with all the requirements of the conditions of contract and other documents whether specifically.	Note			
	The bidder is advised to visit the site of the proposed work, as it is his responsibility to ascertain the Conditions, governing access to the site, the external working space, storage area, etc.,	Note			
	Exsisting roads & culverts cannot take the passage of heavy vehicle or such in adquate areas to be strenghten by the successful bidder, before make use of such areas, roads and approches.	Note			
	Any existing services, roads, culverts and approches damaged during the construction to be reinstated without any charge to the employer.	Note			
	All temporary works shall be dismantled and cleared away from the site on completion of the work.	Note			
	Any other preliminary items not listed below but deemed to be included in the bid rates, as no extras would be made.	Note			
	No work in any trade shall be carried out in such a manner as to cause any nuisance to adjacent owners or the public.	Note			
	Mechanical plant and equipment which emits obnoxious liquids, gases etc., will not be allowed to be used on the site, without the prior approval from the Employer and the Engineer.	Note			
	The Engineer has the final decision as and when he deems it necessary for the Contractor to take precautions, maintain or repair such plant and equipment or order their removal from the site.	Note			
	The contractor shall be responsible for any loss or damage to the works, existing structures, adjoining structures and unfixed materials.	Note			
	The Contractor shall be responsible for necessary lighting, watchman and other suitable measures during construction until handing over	Note			
	Contractor shall be responsible for erection, shifting and maintaining of necessary protective netting, fencing, hording, screens at site and other precautions to the required standard and satisfaction of the Engineer.	Note			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.01	<b>Provisional Sum</b> for providing a Performance Security		Pro. Sum		5,000.00
A.02	<b>Provisional Sum</b> for Insurance of Completed works, Machinery & Equipment, Plant and Materials at site as per contract. Sum insured under this insurance policy should not be less than the Total contract sum		Pro. Sum		30,000.00
A.03	<b>Provisional Sum</b> for Insurance against accidents and injury to third party persons & property and Employer's personnel & property, Contractor's personnel at site as per the contract.		Pro. Sum		12,500.00
A.04	Allow lump sum for provision of office and water-supply and sanitation-facilities for use of the engineer, as directed.		Item		
A.05	Allow lump sum for providing and maintaining a first aid box and regular supply of medicine, linen etc.		Item		
A.06	Allow lump sum for setting out of Works in accordance with drawings and other written information given by the Engineer		Item		
A.07	<b>Provisional Sum</b> 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 Engineer		Pro. Sum		3,000.00
A.08	Allow for lump sum for provision of 03 sets of (hard copies and soft copies) As-Built drawings of all services for Engineer's approval		Item		
A.09	Allow lump sum for providing all necessary safety measures to workmen at site conforming to the latest industrial safety regulations and as directed by the Engineer. (*PPE System & Safety Nets)		Item		
A.10	Allow lump sum to providing and maintaining of Name Board 1.2m x 0.9 m, as directed and approved by the engineer. Rate shall include for erection and fixing to the earth firmly on to the concrete base.		Pro. Sum		10,000.00
	<b>SUB TOTAL FOR PRELIMINARIES CARRIED TO GRAND SUMMARY</b>			<b>SLRs.</b>	

CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDDY NORTH - TELLIPALAI DS DIVISION IN  
JAFFNA DISTRICT

BILL NO. 02- CONSTRUCTION OF BUILDING  
SUMMARY

ITEM NO	DESCRIPTION	AMOUNT (SLRs.)
B	EXCAVATION & EARTH WORK	
C	CONCRETE WORK	
D	MASONRY WORK	
E	WATER PROOFING	
F	METAL WORKS	
G	TIMBER WORK	
H	CEILING WORK	
J	ROOFER AND ROOF PLUMBING	
K	FLOOR, WALL & CEILING FINISHES	
L	PAINTER & DECORATOR	
M	PLUMBING AND SANITARY INSTALLATION	
N	ELECTRICAL INSTALLATION	
	SUB TOTAL FOR CONSTRUCTION OF BUILDING CARRIED TO GRAND SUMMARY	

**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDDY NORTH - TELLIPALAI DS DIVISION IN JAFFNA DISTRICT**

**BILLS OF QUANTITIES**  
**BILL NO. 02- CONSTRUCTION OF BUILDING**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>B</b>	<p><b><u>EXCAVATION &amp; EARTH WORK</u></b></p> <p>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.</p> <p>Rates shall include for any working space as required by the contractor.</p> <p>Dewatering has not been measured separately. (Rate shall include for cost of dewatering if necessary)</p> <p>The bidder shall submit the following information together with their quote.</p> <p>(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.</p> <p>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.</p> <p>The contractor shall arrange and obtain necessary permission from authorities for disposal and dumping of earth.</p> <p>Rates shall include for removal and disposal of any obstructions, such as artificial structure and rock boulders etc., during excavation if encountered.</p> <p><b>Earthwork Support</b></p> <p>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.</p> <p>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.</p> <p>Rates for excavation shall include for :                      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.</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p> <p>Note</p>			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>Bulking after excavation and disposal of excavated material as directed.</p> <p>Backfilling with approved material to required levels and surfaces, consolidating and ramming by an approved method for over excavation.</p> <p>Dewatering, if required.</p> <p>Measurement for payment for excavation shall be for the net contact volumes upto the concrete surface.</p> <p><b>Site Preparation</b></p> <p>B.01 Clearing site vegetation including compacting and disposal of all surplus excavated material away from the site as directed. (contractor shall visit the site &amp; assert the actual work involve)</p> <p>B.02 Excavating to reduce level average depth of 150mm</p> <p>B.03 Excavation for Wall and Column foundations in any material except rock requiring blasting, depth not exceeding 1500mm from the existing Ground level.</p> <p>B.04 Excavation for Wall and Column foundations in Hard rock requiring blasting, depth not exceeding 1500mm from the existing Ground level.</p> <p>B.05 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)</p> <p>B.06 Approved imported hard earth (Gravel) filling including levelling, watering and compacting in 150mm layers around the building with 98% compaction. (Measured compacted volume)</p> <p>B.07 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)</p> <p>B.08 Anti - termite treatment which shall cover excavated trenches, pits, etc. and the ground covered by floor slabs, foundation &amp; walls and 2m beyond the building perimeter. Work shall be carried out by a reputed Pest control Company approved by the Engineer. Particulars of chemicals used and their concentration shall be forwarded to the Engineer for approval. The Contractor shall furnish a joint guarantee binding Specialist Sub-contractor and the Contractor as to the effectiveness of the Anti-termite treatment for a minimum period of 10 years after completion and cost shall include for precautionary measures against chemicals being infiltrated into outside area. Area Measured shall be Plinth area of the Building.</p> <p><b>Disposal</b></p> <p>All excavated earth shall be a property of the Client and Contractor has to dispose within 2.0 km from the site as directed by Client.</p>	<p>Item</p> <p>m<sup>2</sup></p> <p>m<sup>3</sup></p> <p>m<sup>3</sup></p> <p>m<sup>3</sup></p> <p>m<sup>3</sup></p> <p>m<sup>3</sup></p> <p>m<sup>3</sup></p> <p>m<sup>2</sup></p> <p>Note</p>	<p>Allow</p> <p>124.00</p> <p>15.20</p> <p>5.00</p> <p>40.55</p> <p>25.00</p> <p>20.00</p> <p>160.00</p>		
	<b>SUB TOTAL FOR EXCAVATION AND EARTH WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
C	<b><u>CONCRETE WORK</u></b>				
	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			
	<b>Measurement of Slabs &amp; Walls</b>				
	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			
	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.				



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	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.  Formwork is measured as the net contact surface measurement between formwork and concrete. All reinforcement shall be as per relevant British Standards having minimum characteristic strength of 460 N/mm <sup>2</sup> for ribbed tor steel and 250 N/mm <sup>2</sup> for mild steel. 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			
		Note			
		Note			
		Note			
	<b>1 :3 :6 (25mm) Volumed Batched Concrete</b>				
C.01	75mm thick Screed concrete under Wall & Column foundation.	m <sup>2</sup>	51.50		
	<b>1 :2 1/2 :5 (25mm) Volumed Batched Concrete</b>				
C.02	75mm thick, <b>mass</b> concrete in floors and Steps in Building and Ramp	m <sup>2</sup>	156.50		
	<b>1 :2 :4 (20mm) Volumed Batched Concrete</b>				
C.03	Reinforced concrete in Columns Foundation	m <sup>3</sup>	1.95		
C.04	Reinforced concrete in Columns	m <sup>3</sup>	4.80		
C.05	- do - Plinth Level Beams	m <sup>3</sup>	2.30		
C.06	- do - Roof Level Beams	m <sup>3</sup>	1.50		
	<b>FORM WORK</b> 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 concreting.	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			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	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.07	Sides of Columns Footings	m <sup>2</sup>	11.00		
C.08	Sides of Columns	m <sup>2</sup>	72.00		
C.09	Sides of Plinth Level Beams	m <sup>2</sup>	15.75		
C.10	Sides of Roof Level Beams	m <sup>2</sup>	24.60		
C.11	Soffit of Roof Level Beams	m <sup>2</sup>	30.50		
	<b><u>REINFORCEMENTS</u></b>				
	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 attempted.	Note			
	Rates shall include for cutting, bending, fabricating, placing in position, holding and supporting including temporary fixing supports, hangers, binding wire spacers and waste.	Note			
	Rates shall include for working in difficult conditions.	Note			
	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.	Note			
	The actual weight of steel used at site will be calculated on the average weight of steel indicated in the mill certificate the same.	Note			
	<b>High yield Steel and Mild Steel bar comply BS 4449 reinforcement in the following;</b>				
C.12	In Column Footing	kg	120.00		
C.13	In Columns	kg	488.50		
C.14	In Plinth Level Beams	kg	135.00		
C.15	In Roof Level Beams	kg	135.00		

[illegible]

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
E.01	Waterproofing work to be carried out by a specialist waterproofing sub contractor. The contractor shall submit a 10 year guarantee for material and workmanship in the name of the Owner for waterproofing system in an internationally accepted format.	Note			
	The bidder shall submit the most suitable water proofing system as specified to suit for different surfaces at location technically acceptable to the Engineer.	Note			
	<b>Damp Proofing</b> Damp proof membrane to horizontal surfaces of floors out of 1000 gauge polythene.	m <sup>2</sup>	156.50		
E.02	20mm thick 1:2 cement : sand DPC and finished with two coats of hot tar blinded with coarse sand.	m <sup>2</sup>	7.20		
	<b>SUB TOTAL FOR WATER PROOFING CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>F</b>	<b><u>METAL WORKS</u></b> Rate for handrail / guardrail shall include for necessary welding, cutting, embedding, anchoring etc., as per detail drawings.	Note			
F.01	<b>Hand Rail</b> Supply and fix Guard rail comprising of 50mm diameter GI top rail, 900mm high 25mm diameter GI vertical members at 450mm intervals for uprights ( balusters) fixed on Ramp Floor and 25mm diameter horizontal members at 300 mm spacing fixed to balusters .Rate shall include 2 coats of anticorrosive paint and one coat of Enamel	m	12.50		
	<b>SUB TOTAL FOR METAL WORKS CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>G</b>	<b><u>TIMBER WORK</u></b> 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 preparation 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			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>Rates shall include for:</p> <p>All labour in framing, jointing and fixing in position complete with all nails, spikes, screws etc.</p> <p>All doors, windows and fanlight shall be fixed complete as per detail drawings.</p> <p>All door frames shall be fixed with spur stone at the foot.</p> <p>All door and window frames shall be fixed to brick walls with M.S. hold fasts.</p> <p>All necessary brass oxidised mongery.</p> <p><b>Joinery</b></p> <p><b>Doors</b></p>	Note			
G.01	Supply and Fixing Type D2, Double sash Swing Door in approved Timber, 1200mm x 2100mm in over all size 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	3.00		
G.02	Supply and Fixing Type D2, Double sash Swing Door in approved Timber, 900mm x 2100mm in over all size 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	2.00		
G.03	Supply and Fixing Type W 1200 mm x 1350 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 corrosive.	Nr	6.00		
	<b>SUB TOTAL FOR TIMBER WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>H</b>	<b><u>CEILING WORK</u></b>				
	<b>Cement Fibre Ceiling</b>				
H.01	Supplying and installation of 4.5mm think Cement Fibre ceiling Including eaves 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 <sup>2</sup>	155.50		
	<b>SUB TOTAL FOR CEILING WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>J</b>	<b><u>ROOFER AND ROOF PLUMBING</u></b> <b><u>Roof Covering</u></b> <b><u>Tile Roofing</u></b>				
J.01	Supplying and placing of Calicut pattern Tile roofing laid on timber roof frame work consists of 50×100mm rafters at 450mm spacing ,50 x25mm reepers at 300mm spacing and at both eaves side spacing interval is 150mm shown in drawing,50×175 ridge plates, 50 x 175 Hip Rafters , 50 x 175 Valley Rafters, 100mm x 100mm Centre posts, 100mm x200mm & 75x150mm horizontal Beams and 100x75mm wall plate as shown in drawing . Timber shall be imported Hard wood, Red/ Yellow balaw or equivalent approved by the Engineer and treated well with two coats of approved quality wood preservatives. Rate shall include for necessary screws, nails and fittings.	m <sup>2</sup>	192.60		
J.02	Supplying and fixing of Calicut pattern Ridge tiles jointed and bedded in 1:1:4 cement lime and sand mortar coloured to match tiles.	m	38.76		
J.03	Supplying and fixing 200x100mm size special upper class timber beam, post as directed by Engineer	Lm	28.00		
J.04	Supplying and fixing 150x100mm size special upper class timber beam, post as directed by Engineer	Lm	20.55		
J.05	Supplying and fixing of 20mm thick, 225mm timber valance & Barge Fascia board using brass screws and complete with painting	m	50.50		
	<b><u>Roof Plumbing</u></b>				
J.06	Supplying and fixing 0.47 mm thick Zinc aluminium alloy coated colour bonded type D of metroof/similar eave gutters of size 130 x 160mm of approved pattern and colour including end caps, running joints with including all necessary fittings.	m	52.00		
J.07	Supplying and fixing 0.47 mm thick Zinc aluminium alloy coated colour bonded down pipes of size 100mm x 100mm of approved pattern and colour with brackets and brass screws with wooden plugs including all necessary molded fittings	m	37.00		
	<b>SUB TOTAL FOR ROOFER AND ROOF PLUMBING CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>K</b>	<b><u>FLOOR, WALL &amp; CEILING FINISHES</u></b> 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. 1. Rates shall include for preparation of surfaces for proper bonding. 2. 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., 3. Rates shall include for cutting tiles as necessary. 4. 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			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>5. Rates for floor finishes shall include for temporary rules, screeds, ground etc., all normal cutting arises, rounded angles and the like, bedding, pointing, forming joints making good between different surfaces, around pipes, sanitary fittings and other fixtures and cleaning down upon completion.</p> <p>All floor and wall tiles shall be of approved quality ( Lanka Tiles/ Rocell Brands) and colour. Tile samples shall be provided for approval by the Engineer/Architect prior to purchase of materials.</p> <p>Rates for plaster work shall include for reinforcing joints between different types of construction material (e.g. block work/ brickwork and concrete work) with 150mm wide galvanized steel mesh as directed by the Engineer. <b>Rate shall include for Reveals.</b></p> <p>Rates for soffit finishes shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, etc., protection of floors and fittings, removing and replacing door and window fittings, if required, and cleaning upon completion.</p> <p><b><u>Floor Finishes</u></b></p> <p><b><u>Rendering</u></b></p> <p>K.01 25mm thick, 1:2 cement sand, cut and polished coloured rendering</p> <p><b><u>Wall Finishes</u></b></p> <p><b><u>External Faces- Plastering</u></b></p> <p>K.02 15mm thick 1:3 cement sand plaster finished smooth with approved coloured cement floating to plinths.</p> <p>K.03 15mm thick 1:3 cement sand plaster finished semi rough with to walls, Columns and Sides of Beams &amp; Lintols in Building</p> <p><b><u>Internal Work- Plastering</u></b></p> <p>K.04 15mm thick 1:3 cement sand plaster finished smooth to internal faces of walls, Columns and sides of Beams,tanks &amp; Lintel</p> <p>K.05 15mm thick 1:3 cement sand plaster finished smooth to soffit of Beams</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>m<sup>2</sup></p> <p>m<sup>2</sup></p> <p>m<sup>2</sup></p> <p>m<sup>2</sup></p> <p>m<sup>2</sup></p>	<p>155.32</p> <p>45.40</p> <p>149.00</p> <p>185.00</p> <p>8.10</p>		
	<b>SUB TOTAL FOR FLOOR, WALL &amp; CEILING FINISHES CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>L</b>	<b><u>PAINTER &amp; DECORATOR</u></b>				
	<p>Rate shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, patching up cracks, etc., protection of floors and fittings, removing and replacing door and window fittings, if required, and cleaning upon completion.</p> <p>All emulsion/ enamel/ weathershield paint shall be of approved make CIC or equivalent approved by Engineer</p> <p>Rate to include for the cost for the scaffoldings.</p> <p><b><u>External Faces</u></b></p> <p>L.01 Prepare &amp; apply one alkaline resisting primer coat and two coats of weather shield emulsion of approved colour and quality to semi-rough rendered surfaces of walls, Columns and Sides of Lintols. (Rate shall include for reveals)</p>	<p>Note</p> <p>Note</p> <p>Note</p> <p>m<sup>2</sup></p>	<p>145.00</p>		

[illegible]



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	(c) All pipe specials such as bends, junctions, elbows, tees, "Y" junctions, reducers, inspection openings, stop ends, etc. (d) Connection to sides of manholes etc. (e) Providing sleeves etc., when pipes pass through walls, foundations etc. (f) Giving notices, obtaining permits, paying fees, fixing, testing and commissioning etc.				
	<b>Water Supply, Wastewater &amp; Drainage Connection</b>				
	<b>Type 1000 Pipes for Cold Water Supply</b>				
M.01	Supply and lay/Fix 20 mm dia Type 1000 PVC Pipe with specials	m	12.00		
M.02	Supply and lay/Fix 25 mm dia Type 1000 PVC Pipe with specials	m	20.00		
M.03	Supply and lay/Fix 40 mm dia Type 1000 PVC Pipe with specials	m	65.00		
M.04	Supply and lay/Fix 50 mm dia Type 1000 PVC Pipe with specials	m	39.50		
	<b>Valves for Water Supply Lines</b>				
	Supplying and fixing of approved quality Brass <b>stop valves /Ball Valves</b> including all necessary fixtures.Valves shall be of Pegler or equivalent Brands.	Note			
M.05	25 mm diameter valve	Nr	2.00		
M.06	40 mm diameter valve	Nr	3.00		
	<b>Type 600 uPVC pipe for Waste Water Lines</b>				
M.7	50 mm diameter	m	10.00		
M.8	63 mm diameter	m	12.00		
	<b>Waste Water Catch Pits</b>				
M.9	Supplying all material and construct water sealed catch pits (Average size 300 x 300 x 400 mm internally). Rate included for excavation & backfilling, screed concreting, formwork, reinforcement @ 150 c/c, 75mm thick concrete base & 125mm block walls, internal plastering, precast concrete cover slab with lifting handles, etc.	Nr	1.00		
	<b>Waste Water Manholes</b>				
M.10	Supplying all material and construct Interceptor manholes (Average size 450 x 450 x 600 mm internally). Rate included for excavation & backfilling, screed concreting, formwork, reinforcement @ 150 c/c, 150mm thick concrete base & walls, benching, internal plastering, precast concrete cover slab with lifting handles, etc.	Nr	1.00		
	<b>SUB TOTAL FOR PLUMBING AND SANITARY INSTALLATION CARRIED TO SUMMARY</b>			<b>SLRs.</b>	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
N	<p><b><u>ELECTRICAL INSTALLATION</u></b></p> <p>Rates in Bill of Quantities shall include all necessary materials (Cables, conduits, PVC sunk box, bulbs, switches etc.) and labour required to complete the electrical installation to good working order.</p> <p>Testing and commissioning of all the systems &amp; electrical installation is to be carried out and inspection report ( 02 sets) submitted according to the requirements of the power supply by a Chartered Electrical Engineer.Rate shall be include for Testing,commissionung and report submission.</p> <p>Rate Shall include for submission of shop drawings and submission of draft layouts, conduit layouts etc.for Consultant's approval before commencing the installation (03 sets)with Designing of Distribution board, Consumer unit and line diagram designing by a Chartered Electrical Engineer.</p> <p>Rate Shall include for submission of As-built drawings on completion of the contract (03 sets)</p> <p>Electrical Items (MCB,RCCB etc.) should be of European/Japanese origin or to the BS or equivalent and items without an accredited agent in Sri Lanka shall not be accepted. Guarantee cards(Fans etc.) should be provided from accredited agent before installation.</p> <p>All the quantities given here are approximated values and Quantities may change with the actual installation at the site.</p> <p>All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.</p> <p>All panel boards and consumer units should have wire numbering and a laminated circuit diagram should be pasted on the inside surface of the door.</p> <p>Electrical Coduits, which are laid along Earth should be securely protected by PVC conduits. Earth shall be backfilled properly.</p> <p>Electrical Coduits, which are laid along internal Roads should be securely protected by PVC conduits. Cut road shall be filled with mass concrete and making good to roads.</p>	Note Note Note Note Note Note Note Note Note			
N.01	<p><b>Single phase Consumer units</b></p> <p>Supply and installation of wall mounted switch gear cubicle made out of polycarbonate enclosure to the approval of the engineer. Additional space to be provided inside the distribution board enclosure to install two additional breakers (of capacity with existing max. outgoing breaker) if necessary.</p> <p>01 No. 40A, 2-pole MCB 6kA</p> <p>01 Nos. 40A 2-pole RCCB, 30mA sensitivity</p> <p>7 - 9 No. 6-32A, 1-pole MCB 6kA</p> <p>Earth Bar</p> <p>All internal connections.</p> <p>Equipment to be to the BS and European/Japanese make</p>	Nr	1.00		
N.02	Supply and Installation of service bracket 5'-0" long 2 1/2" x 2 1/2" x 1/4" angle iron.	Nr	1.00		
N.03	<b>Provisional Sum</b> for obtaining main power supply connection from the Ceylon Electricity Board, including all the correspondence and co-ordination work, builders work. Etc.			<b>Pro. Sum</b>	<b>20,000.00</b>

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
N.04	Supply & installation of 32A single phase wiring to pump house . Rate to include for MCB, complete with pilot lamp to working order as per electrical specification.	Nr	1.00	Prov. Sum	30,000.00
	<b>Cables</b>				
N.05	Allow Provisional Sum for Suppling and Installation of Main Cables from Energy Meter to MDB and MDB to Cosumer Units				
	<b>Fans</b>				
N.06	Supply & installation of 1400mm sweep ceiling fan (European/Japanese make), complete with regulator, fan hook, extension rod & attachment - Guarantee cards should be provided from accredited agent. Rate to include for wiring (including supply of all material, earth wire & switch) of the above ceiling fans using approved type 1 mm2, Cu/PVC/PVC cable & 2.5 mm2 earth wire drawn through securely fixed concealed PVC conduits	Nr	6.00		
	<b>Socket Outlets</b>				
N.07	Supply & installation of 13A shuttered switched single socket outlet to comply with BS 1363 . Rate to include for Wiring (including supply of all material required ) of 15A socket outlets using approved type 2.5mm2 Cu/PVC/PVC, 2C cable & 2.5mm2 earth cable drawn through securely fixed concealed PVC conduit	Nr	5.00		
N.08	Supply & installation of 5A shuttered switched socket outlet to comply with BS 1363.Rate to include for Wring (including supply of 2.5 mm2 earth wire & all other material required ) of above socket outlet using approved type 1.0mm2 Cu/PVC/PVC cable drawn through securely fixed concealed PVC conduits	Nr	4.00		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<b>Light Fitting</b> Samples should be provided prior to the installtion for electrical engineer's approval. Guarantee cards should be provided for CFL bulbs.	Note			
N.09	Supply and installation of Ceiling Mounted Type Lamp Fittings. Rate to include the cost of 23W CFL Spiral bulbs (warm white) lamp.Rate to include for Wiring (including supply of all materials) of the above light points using approved type PVC insulated PVC sheathed 1 mm2 copper cable and 1mm2 Cu/PVC earth drawn through securely fixed concealed PVC conduit	Nr	17.00		
N.10	Supply and installation of Wall Mounted/ Bracket water tight external Lamp Fittings. Rate to include the cost of 23W approved type bulbs. Rate to include for Wiring (including supply of all materials) of the above light points using approved type PVC insulated PVC sheathed 1 mm2 copper cable and 1mm2 Cu/PVC earth drawn through securely fixed concealed PVC conduit	Nr	4.00		
	<b>Main Earthing System</b> Supply and Installation of all required materials and cables and connection to respective equipment to provide complete system.	Note			
N.11	Supply and Installation of an earth electrode of minimum 16mm dia. solid copper rod of length 1.2m or more with a clamp connection to earth conductor. Earth resistance shall be less than 10 Ohms tested on a dry day. An earth pit of size 300mm x 300mm x 200mm is to be prepared and covered by concrete plate to protect the earth electrode.	Nr	1.00		
	<b>SUB TOTAL FOR ELECTRICAL INSTALLATION CARRIED TO SUMMARY (Without Pro Sum)</b>			<b>SLRs.</b>	

**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDDI NORTH - TELLIPALAI DS DIVISION IN  
JAFFNA DISTRICT**

**BILL NO. 03- CONSTRUCTION OF TOILET  
SUMMARY**

<b>ITEM #</b>	<b>DESCRIPTION</b>	<b>AMOUNT (SLRs.)</b>
B	EXCAVATION AND EARTH WORK	
C	CONCRETE WORK	
D	MASONRY WORK	
E	ASPHALT WORK	
F	TIMBER WORK	
G	ROOFER AND ROOF PLUMBING	
H	FLOOR, WALL & CEILING FINISHES	
J	PAINTER & DECORATOR	
K	PLUMBING AND SANITARY INSTALLATION	
L	ELECTRICAL INSTALLATION	
	<b>SUB TOTAL FOR CONSTRUCTION OF TOILET CARRIED TO GRAND SUMMARY</b>	

**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDY NORTH - TELLIPALAI DS DIVISION  
IN JAFFNA DISTRICT**

**BILLS OF QUANTITIES  
BILL NO. 03- CONSTRUCTION OF TOILET**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>B</b>	<b><u>EXCAVATION AND EARTH WORK</u></b>				
	Rates for excavation shall include for : 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.	Note			
B.01	Allow Lump Sum for Clearing site, bushes, shrubs under growth hedges and up rooting trees	Item	1.00		
B.02	Excavating to reduce level average depth of 150mm	m <sup>2</sup>	12.00		
B.03	Excavation for Wall and Column foundations in any material except rock requiring blasting, depth not exceeding 1500mm from the existing Ground level.	m <sup>3</sup>	2.50		
B.04	Filling under floors and under Steps with Approved imported hard earth filling including levelling, watering and compacting in 150mm layers with 98% compaction. (Measured compacted volume)	m <sup>3</sup>	2.75		
	<b>SUB TOTAL FOR EXCAVATION AND EARTH WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>C</b>	<b><u>CONCRETE WORK</u></b>				
	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 : supply, handling at site, depositing, compacting, vibrating, curing and making good after removal of formwork. preparation of surfaces, roughening/chipping to the approval of the Engineer. providing water stops at temporary construction joints, if necessary. Reinforcement and Formwork paid separately unless specified in the Item.	Note			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	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. Formwork is measured as the net contact surface measurement between formwork and concrete. All reinforcement shall be as per relevant British Standards having minimum characteristic strength of 460 N/mm <sup>2</sup> for ribbed tor steel and 250 N/mm <sup>2</sup> for mild steel. 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 Note Note Note			
C.01	<b>1 :3 :6 (25mm) Volumed Batched Concrete</b> 75mm thick Screed concrete under Wall & Column	m <sup>2</sup>	5.25		
C.02	<b>1 :2 1/2 :5 (25mm) Volumed Batched Concrete</b> 75mm thick, <b>mass</b> concrete in floors and Steps in Building and Ramp	m <sup>2</sup>	4.74		
C.03	Construction of reinforced concrete (20 N/mm <sup>2</sup> -20mm) lintel of size 100 mm x 150mm. Rate to including for form work & reinforcment ( 2 Y12 bars & Stirrups) in Building.	m	12.50		
	<b>SUB TOTAL FOR CONCRETE WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>D</b>	<b><u>MASONRY WORK</u></b> Rate shall include to, 1. All rough and fair cutting, plumbing angles, normal straight cutting, forming rebated reveals and raking out 2. Forming rough and fair groves, throats, mortises, chases, rebates and holes, stops and miters. 3. Supplying & Fixing	Note			
D.01	<b>Stone Work</b> <u>Random Rubble Masonry Work</u> Random Rubble( 150 mm-225 mm) Masonry work in 1:5 Cement sand mortar in Wall Foundation of Building and in Disable Ramp	m <sup>3</sup>	4.00		
	<b>Block Work</b> All cement and sand concrete blocks shall comply with BS 6073. Characteristic strength of block work shall be 2.5 N/mm <sup>2</sup> Mortar used for block work/ brick work shall be 1:5 cement and sand mixture unless otherwise specified.	Note Note Note			
D.02	<u>100mm Concrete Block Work</u> 100mm thick 1:4:5 (20mm) Concrete block work in 1:5 cement sand mortar for walls in Building.	m <sup>2</sup>	22.00		
	<b>SUB TOTAL FOR MASONRY WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
E	<b><u>ASPHALT WORK</u></b>				
E.01	<b>Damp Proofing</b> 20mm thick 1:2 cement : sand DPC and finished with two coats of hot tar blinded with coarse sand.	m <sup>2</sup>	5.20		
	<b>SUB TOTAL FOR ASPHALT WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
F	<b><u>TIMBER WORK</u></b> Timber shall be of approved quality, Frame shall be of Palai/Palu or Red Balau or Equivalent approved by the Engineer and Sashes PAalai/Palu, Satin or Teak or Equivalent approved by the Engineer. All doors shall have stainless steel hinges unless specified, locks shall be Mortise cylinder locks with duplicate Keys. All Windows shall have stainless steel hinges unless specified, All Doors and Windows shall have necessary barrol bolts,Castement Stays, Draw rings etc. Rate to include for two coats of Varnish painting after preperation of surface. The Contractor shall submit detailed shop drawings for the approval of the Engineer, 14 days prior to fabrication.	Note  Note  Note  Note  Note			
	<b>Joinery</b>				
	<b>Doors</b>				
F.01	Supply and Fixing Type, Ledged, braced & battened Toilet Door in approved Timber, 1050mm x 2100mm in over all size comprising of door frame of 100mm x 75mm once rebated Jambs and Head, 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 enamel paint including preparation of surface.	Nr	1.00		
F.02	Supply and Fixing Type, Ledged, braced & battened Toilet Door in approved Timber, 750mm x 2100mm in over all size comprising of door frame of 100mm x 75mm once rebated Jambs and Head, 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 enamel paint including preparation of surface.	Nr	1.00		
	<b>Fanlight</b>				
F.03	Supply and Fixing Type FL 600 mm x 450 mm Timber Fanlight in approved Timber comprising of 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 enamel including preparation of surface.	Nr	2.00		
	<b>SUB TOTAL FOR TIMBER WORKS CARRIED TO SUMMARY</b>			<b>SLRs.</b>	



ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>G</b>	<b><u>ROOFER AND ROOF PLUMBING</u></b> <b><u>Roof Covering</u></b> <b><u>Metal Roofing</u></b> Zn/Al alloy coated steel Roofing sheet steel minimum tensile strength should be 550 N/mm <sup>2</sup> and profile should be approved by the Engineer. Rate shall include for Supplying and fixing 0.47mm thick Zn/Al alloy coated colour bonded steel roofing ridge/Hip to match to roof Wood preservative should be applied to timber frame work	Note  Note			
G.01	Supplying and fixing of 0.47mm thick Corrugated Zn/Al alloy coated colour bonded with 3mm thick 3 way reinforced double side aluminum foil, 50 X 50 mm 8 Gauge GI net bonded sheet steel roofing laid on timber roof frame work 100m x 50mm rafters max c/c 900mm and 50mm x 50mm beares max 1000 mm c/c for Toilet as shown in Drawing rate shall include with timber frame work. Solignum to be applied to all timber frames	m <sup>2</sup>	15.00		
G.02	Supplying and fixing of 20mm thick, 225mm timber valance & Barge Fascia board using brass screws and complete with one coat of primer and two coat of enamel approved colour painting	m	16.00		
	<b>SUB TOTAL FOR ROOFER AND ROOF PLUMBING CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>H</b>	<b><u>FLOOR, WALL &amp; CEILING FINISHES</u></b> Rates for floor finishes shall include for temporary rules, screeds, ground etc., all normal cutting arises, rounded angles and the like, bedding, pointing, forming joints making good between different surfaces, around pipes, sanitary fittings and other fixtures and cleaning down upon completion. All floor and wall tiles tiles shall be of approved quality ( Lanka Tiles/ Rocell Brands) and colour. Tile samples shall be provided for approval by the Engineer/Architect prior to purchase of materials. Rates for plaster work shall include for reinforcing joints between different types of construction material (e.g. block work/ brickwork and concrete work) with 150mm wide galvanized steel mesh as directed by the Engineer. <b>Rate shall include for Reveals.</b> Rates for soffit finishes shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, etc., protection of floors and fittings, removing and replacing door and window fittings, if required, and cleaning upon completion. <b><u>Floor Finishes</u></b> <b><u>Rendering</u></b> 20mm thick 1:3 cement sand rendering including neat coloured cement floating to Floors of Building.	Note  Note  Note  Note			
H.01	20mm thick 1:3 cement sand rendering including neat coloured cement floating to Floors of Building.	m <sup>2</sup>	2.50		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
H.02	<b><u>Tiling to Floors</u></b> Supply and Laying of 300 x 300mm Anti slip Homogenous tiles of approved quality and colour, fixed with straight joints in both ways including all angles corners and including 1:3 cement sand bedding and pointed in matching colour in Toilet and Bathroom floors <b><u>Wall Finishes</u></b> <b><u>External Faces</u></b> <b><u>Plastering</u></b>	m <sup>2</sup>	6.00		
H.03	15mm thick 1:3 cement sand plaster finished smooth with approved coloured cement floating to plinths.	m <sup>2</sup>	5.50		
H.04	15mm thick 1:3 cement sand plaster finished semi rough with to walls, Columns and Sides of Beams & Lintols in Building	m <sup>2</sup>	21.50		
H.05	<b><u>Internal Work</u></b> <b><u>Plastering</u></b> 15mm thick 1:3 cement sand plaster finished smooth to internal faces of walls, Columns and sides of Beams,tanks & Lintel <b><u>Wall Tiling</u></b>	m <sup>2</sup>	12.50		
H.06	Supply & laid 300 x 450 mm Glazed Ceramic Wall Tiles of approved quality and colour for Walls fixed with straight joints in both ways including all angles corners including 1:3 cement sand bedding and pointed in matching colour.	m <sup>2</sup>	16.50		
<b>SUB TOTAL FOR FLOOR, WALL &amp; CEILING FINISHES CARRIED TO SUMMARY</b>				<b>SLRs.</b>	
J	<b><u>PAINTER &amp; DECORATOR</u></b> Rate shall include for preparation of surfaces, cleaning down, smoothing, knotting, stopping, patching up cracks, etc., protection of floors and fittings, removing and replacing door and window fittings, if required, and cleaning upon completion. All emulsion/ enamel/ weathershield paint shall be of approved make CIC or equivalent approved by Engineer Rate to include for the cost for the scaffoldings.	Note  Note  Note			
J.01	<b><u>External Faces</u></b> Prepare & apply one alkaline resisting primer coat and two coats of weather shield emulsion of approved colour and quality to semi-rough rendered surfaces of walls and Sides of Lintols. (Rate shall include for reveals)	m <sup>2</sup>	22.50		
J.02	<b><u>Internal Faces</u></b> <b><u>Walls</u></b> Prepare and apply one primer coat and two coats of Fungus Resistant emulsion of approved colour and quality to smooth plastered surfaces to internal faces of walls and sides of Lintel . (Rate shall include for reveals)	m <sup>2</sup>	12.50		
<b>SUB TOTAL FOR PAINTER &amp; DECORATOR CARRIED TO SUMMARY</b>				<b>SLRs.</b>	

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
K	<b><u>PLUMBING AND SANITARY INSTALLATION</u></b>				
	Unplasticized polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must conform in every respect to the requirements of the SLS 147 of 1989 & 1972 or BS 4514.	Note			
	All fittings and pipe specials used in the plumbing installation shall be suitable and compatible with all respects to the pipe line to which fittings and specials are fixed.	Note			
	All sanitary fittings & fixtures shall be American Standards or equivalent.	Note			
	Rates for plumbing work shall include for:-	Note			
	(a) Complying with the relevant Sri Lankan, British or any other standard as given under the specifications and with the regulations of the Local Authority and or any other relevant authorities.				
	(b) Cutting and waste of pipes etc., and joining pipes.				
	(c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar pipe fittings except for valves which will be measured separately.				
	(d) Connecting pipes to sanitary fixtures and appliances.				
	(e) Casing to brick walls etc. and making good all works disturbed.				
	(f) Necessary screws, nails sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps etc.				
	(g) Connecting different types of pipes.				
	(h) Testing and disinfection after completion.				
	(i) Submitting shop drawings where necessary.				
	(j) Excavation, backfilling, disposal of surplus soil				
	Rates for sanitary fittings shall include for:-	Note			
	(a) Fittings such as taps, waste water outlet, internal overflows etc. and supporting brackets, incidental materials for fixing.				
	(b) Assembling, jointing together fixing components parts, and jointing to pipes including necessary coupling and for leaving perfectly clean and in perfect working order on				
	(c) Jointing and connecting pipes to sanitary fittings.				
	(d) Testing and commissioning of the installation.				
	(e) Making good the work disturbed.				
	(f) Submitting samples for the approval of the Engineer.				
	(g) Protecting the works.				
	Rates for drainage work shall include for :-	Note			
	(a) Laying of pipes to falls.				
	(b) Excavation, backfilling, disposal of surplus soil				
	(c) All pipe specials such as bends, junctions, elbows, tees, "Y" junctions, reducers, inspection openings, stop ends, etc.				
	(d) Connection to sides of manholes etc.				

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	(e) Providing sleeves etc., when pipes pass through walls, foundations etc. (f) Giving notices, obtaining permits, paying fees, fixing, testing and commissioning etc.				
	<b>Sanitary Fixtures</b>				
K.01	Supply and installation of floor mounted ceramic water closet with 100 mm trap and 6 litre (Dual Flush) capacity low level ceramic cistern conforming to BS 1125 with plastic syphon, 15 mm angle valve with wall plate, flexible hose connection and all fixtures and fittings necessary for the completion of water closet installation. Rate shall include for Bidet shower.Closet shall be of American Stanadard or equivalent.	Nr	2.00		
K.02	Supply & Installation of Pesdestal type wash basin conforming to SLS 377 including bottle trap with 40 mm waste outlet, 15 mm angle valve with wall plate, 15 mm pillar tap, chrome plated exposed piping and all fixtures and fittings necessary for the completion of wash basin installation.Wash Basin shall be of American Stanadard or equivalent.	Nr	2.00		
K.03	Provisional Sum for Supply and fixing of complete set of Chromium plated 3 numbers of horizontal and vertical grab rails and foldable grab bar in disabled toilet with all required accessories.	<b>P.Sum</b>	<b>P.Sum</b>	<b>15,000.00</b>	<b>15,000.00</b>
K.04	Supply and installation of Stainless Steel soap dish	Nr	2.00		
K.05	Supply Installation of mirror of size 750x 600 x6 mm with bevelled edges and fixed to the wall with chromium plated studs	Nr	2.00		
K.06	Supplying and fixing of chromium plated 25mm bib tap, chinese or indian.(Rate shall include for forcet socket)	Nr	2.00		
K.07	Supply and installation of 150x150 mm Stainless Steel floor gully with cover for Toilets .	Nr	2.00		
	<b>Water Supply, Wastewater &amp; Drainage Connection</b>				
	<b>Type 1000 Pipes for Cold Water Supply</b>				
K.08	20mm dia.	m	4.00		
K.09	25mm dia.	m	12.50		
	<b>Valves for Water Supply Lines</b>				
	Supplying and fixing of approved quality Brass <b>stop valves /Ball Valves</b> including all necessary fixtures.Valves shall be of Pegler or equivalent Brands.	Note			
K.10	25 mm diameter valve	Nr	2.00		
	<b>Sewerage Disposal System</b>				
	<b>Type 600 uPVC pipe for Waste Water Lines</b>				
K.11	110 mm diameter	m	12.00		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
K.12	<b>Sewer Manholes</b> Supplying all material and construct Sewer interceptor manholes (Average size 450 x 450 x 600 mm internally). Rate included for excavation & backfilling, screed concreting, formwork, reinforcement @ 150 c/c, 150mm thick concrete base & walls, benching, internal plastering, precast concrete cover slab with lifting handles, etc.	Nr	1.00		
K.13	<b>Septic Tank cum Soakage Pit</b> Supplying all material and construct septic tank cum soakage pits in grade 30(20mm) concrete, internal size of Septic Tank (chamber-1 & 2) is 1800 x 900 mm ,1500 mm average depth,100 mm thick base, 125 mm thick walls and 75 mm thick top slab and Soakage Pit ( chamber-3) is 900 x 900 mm, 1500 mm average depth , 125 mm thick walls and 75 mm thick top slab.. Rate included for excavation (partly <b>in hard rock</b> ,, backfilling, formwork, reinforcement (125kg/m <sup>3</sup> ), concreting, covers slabs with lifting handles, all necessary pipe work inside the pit, etc.Septic tank internal walls should be plastering with cement floating .Details as per drawings.	Nr	1.00		
	<b>SUB TOTAL FOR PLUMBING AND SANITARY INSTALLATION CARRIED TO SUMMARY (Without Pro Sum)</b>			<b>SLRs.</b>	
<b>L</b>	<b><u>ELECTRICAL INSTALLATION</u></b> Rates in Bill of Quantities shall include all necessary materials (Cables, conduits, PVC sunk box, bulbs, switches etc.) and labour required to complete the electrical installation to good working order. Testing and commissioning of all the systems & electrical installation is to be carried out and inspection report ( 02 sets) submitted according to the requirements of the power supply by a Chartered Electrical Engineer.Rate shall be include for Testing,commissionung and report submission. Rate Shall include for submission of shop drawings and submission of draft layouts, conduit layouts etc.for Consultant's approval before commencing the installation (03 sets)with Designing of Distribution board, Consumer unit and line diagram designing by a Chartered Electrical Engineer. Rate Shall include for submission of As-built drawings on completion of the contract (03 sets) Electrical Items (MCB,RCCB etc.) should be of European/Japanese origin or to the BS or equivalent and items without an accredited agent in Sri Lanka shall not be accepted. Guarantee cards(Fans etc.) should be provided from accredited agent before installation. All the quantities given here are approximated values and Quantities may change with the actual installation at the site. All types of fittings, materials, painting and finishes shall be	Note  Note  Note  Note  Note  Note			

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	<p>All panel boards and consumer units should have wire numbering and a laminated circuit diagram should be pasted on the inside surface of the door.</p> <p>Electrical Coduits, which are laid along Earth should be securely protected by PVC conduits. Earth shall be backfilled properly.</p> <p>Electrical Coduits, which are laid along internal Roads should be securely protected by PVC conduits. Cut road shall be filled with mass concrete and making good to roads.</p>	<p>Note</p> <p>Note</p> <p>Note</p>			
	<p><b><u>Light Fitting</u></b></p> <p>Samples should be provided prior to the installtion for electrical engineer's approval. Guarantee cards should be provided for CFL bulbs.</p>	Note			
L.01	Supply and installation of Pendent Type Lamp Fittings. Rate to include the cost of 24W CFL Spiral bulbs (warm white) lamp.Rate to include for Wiring (including supply of all materials) of the above light points using approved type PVC insulated PVC sheathed 1 mm2 copper cable and 1mm2 Cu/PVC earth drawn through securely fixed concealed PVC conduit.	Nr	2.00		
L.02	Supply and installation of Wall Mounted/ Bracket water tight Lamp Fittings. Rate to include the cost of 20W approved type bulbs. Rate to include for Wiring (including supply of all materials) of the above light points using approved type PVC insulated PVC sheathed 1 mm2 copper cable and 1mm2 Cu/PVC earth drawn through securely fixed concealed PVC conduit.	Nr	1.00		
	<b>SUB TOTAL FOR ELECTRICAL INSTALLATION CARRIED TO SUMMARY</b>			<b>SLRs.</b>	

**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDY NORTH - TELLIPALAI DS DIVISION IN JAFFNA DISTRICT**

**BILLS OF QUANTITIES**  
**BILL NO. 04- CONSTRUCTION OF WATER TANK**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>4</b>	<b>CONSTRUCTION OF WATER TANK</b>				
4.01	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		
4.02	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		
4.03	150mm thick 1:3:6 (25) Lean concrete below wall foundation	m3	0.50		
4.04	75mm thick 1:2 1/2:5 (25mm) floor concrete 1:2:4 (19mm) concrete for the following	m2	0.72		
	<b>1:2:4(20) Concrete for following</b>				
4.05	For Plinth beam	m3	0.16		
4.06	For 125mm / 100mm thick slab	m3	0.42		
	<b>1/2 th plywood formwork with necessary props</b>				
4.07	For Plinth beam	m2	1.06		
4.08	For soffit and side of slab	m2	4.80		
4.09	Tor Steel (T12mm, T10mm)	kg	70.00		
4.10	Mild Steel (R6mm)	kg	15.00		
4.11	Steps 150 x150 x200 mm concrete and T20mm Reinforcement shall be use	Nos	22.0		
4.12	Random rubble masonry in cement and sand 1:5 mix for wall foundation. Rubble shall be granite stone	m3	1.65		
4.13	200mm thick 1:6 cement concrete solid block masonry wall in 1:5 cement sand mortar.	m3	3.70		
4.14	100mm thick 1:6 cement concrete solid block masonry wall in 1:5 cement sand mortar.	m2	3.60		
4.15	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		
4.16	20mm thick cement and sand 1:3 coloured rendering with cement floating	m2	1.50		

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4.17	1:3 Cement and sand rendering 20mm thick to plinth finished smooth with coloured cement floating.	m2	3.50		
4.18	16mm thick 1:5 internal plaster smooth finished	m2	6.30		
4.19	16mm thick plaster 1:5 cement and sand finished semi rough to the walls and rough plaster (Borrall or equivalent)	m2	33.00		
4.20	10mm thick 1:3 plaster smooth finished sofit of sunshade Ceiling finishes	m2	4.30		
4.21	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		
4.22	Supply and place 1000 litres PVC water tank approved quality on top of the slab and firmly fixed to the slab using 10mm dia nylon rope or equivalent with all necessary sockets and unions	Item	1.00		
4.23	Supply and lay/Fix 63mm dia Type 1000 PVC Pipe with specials	Lm	15.00		
4.24	Supply and lay/Fix 50mm dia Type 1000 PVC Pipe with specials	Lm	20.00		
4.25	Supply and lay/Fix 32mm dia Type 1000 PVC Pipe with specials	Lm	20.00		
4.26	Supply and fix 63mm dia Ball Valve	Nr	1.00		
4.27	Supply and fix 50mm dia Ball Valve	Nr	1.00		
4.28	Supply and fix 32mm dia Ball Valve	Nr	1.00		
4.29	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 working order.	Nos	1.00		
<b>TOTAL FOR BILL NO.04-CONSTRUCTION OF WATER TANK CARRIED TO GRAND SUMMARY</b>					



**CONSTRUCTION OF MULTIPURPOSE CENTRE AT MAYILIDDY NORTH - TELLIPALAI DS DIVISION IN  
JAFFNA DISTRICT**

**BILLS OF QUANTITIES**  
**BILL NO. 05 - EXTERNAL SERVICE**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5.01	<b>Steel Gate</b> Supplying, fabricating and fixing of <b>Gates</b> 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	1.00		
5.02	<b>Chainlink Mesh Fence</b> 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 buried in ground and surround with 1:3:6 (25mm) concrete for the 250 x 250 x 450 mm .	m	120.00		
	<b>SUB TOTAL FOR EXTERNAL WORKS CARRIED TO GRAND SUMMARY</b>			<b>SLRs</b>	

## FORM G: Form of Bid Security

**Bid Security must be issued using the official letterhead of the Issuing Bank.  
Except for indicated fields, no changes may be made on this template.**

---

To: Resident Representative UNDP  
202-204, Bauddhaloka Mawatha, Colombo 7

WHEREAS [Name and address of Bidder] (hereinafter called "the Bidder") has submitted a Bid to UNDP dated [Click here to enter a date.](#) to execute goods and/or services [Insert Title of Goods and/or Services] (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 if 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 Bids;
- c) Fails to comply with UNDP's variation of requirement, as per ITB instructions; 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 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 up to 30 days after the final date of validity of bids.

### SIGNATURE AND SEAL OF THE GUARANTOR BANK

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

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

Title: \_\_\_\_\_

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

Name of Bank \_\_\_\_\_

Address \_\_\_\_\_

*[Stamp with official stamp of the Bank]*