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Resilient nations.

## INVITATION TO BID

### Implement Construction Works

(ITB/GLED/05/2017)

UNDP is the UN's global development network, advocating for change and connecting countries to knowledge, experience and resources to help people build a better life. We are on the ground in 166 countries, working with them on their own solutions to global and national development challenges. The Governance for Local Economic Development Programme (GLED) is UNDP Sri Lanka's new flagship programme for strengthening governance capacities at District, Divisional and Provincial levels and improving socio-economic opportunities in vulnerable regions in the country.

GLED will focus on increasing the capacity of sub-national level governance institutions, civil society, the private sector and communities in order to foster access to enhanced public sector service delivery, socio-economic development, and social cohesion across the identified lagging regions, while securing the transition from recovery to development in the North and East. The Programme will help communities increase their production and "value-added" capacities and make use of productive infrastructure, new technologies and knowledge. Strengthened engagement with the private sector will increase the sustainability of livelihoods initiatives. Given the sub-national variations in Sri Lanka's human development index, GLED offers a comprehensive and targeted response.

To this effect, UNDP in Sri Lanka invites eligible National and or International Civil Work contractors meeting the respective minimum level of ICTAD registration in Building / Dredging & reclamation / Irrigation & Land drainage to submit Bids for the following LOTs on an **urgent basis**.

Lot Number	Description of Civil Works	Pre-Bid Meeting/Site Inspection	Minimum ICTAD Registration and Experience	Refundable Bid Security (LKR)
Lot 1:	Enhancing Boat Access Ways and Landing Sites for Oorani and Myliddythurai North at Tellipalai DS Division in Jaffna. JAF/RNRA/ 101335/001/06	Inspection time from 9:00 a.m to 10:00 a.m 6th July 2017  Pre-bid meeting at 2:00 p.m 6th July 2017  UNDP GLED Project Office, District Secretariat, Kandy Road, Jaffna	C7 Dredging & reclamation / C7 Irrigation & Land drainage / Registered organization with previous experience in similar nature of work	45,000.00
Lot 2:	Construction of Multi-Purpose Centre for Kankesanthurai South at Tellipalai DS Division in Jaffna. JAF/RNRA/101335/001/07	Inspection time from 10:30 a.m to 11:00 a.m 6th July 2017  Pre-bid meeting at	C7 Building	55,000.00

		2:00 p.m 6th July 2017  UNDP GLED Project Office, District Secretariat, Kandy Road, Jaffna		
Lot 3:	Establishing precleaning area, storage and roasting area for Pungudutivu Food Manufacturers at Pungudutivu in Velanai DS Division in Jaffna. JAF/ADP/87932/001/06	Inspection time from 12:00 noon to 1:00 p.m 6th July 2017  Pre-bid meeting at 2:00 p.m 6th July 2017  UNDP GLED Project Office, District Secretariat, Kandy Road, Jaffna	C8 Building	25,000.00

Eligible Civil Work Contractors are encouraged to bid for each individual LOT or multiple LOTs. Those bidders, who wish to submit Bids to multiple or all LOTs, must show proof of resources, financial capacity through the required level of ICTAD registration and similar projects successfully undertaken for the cumulative bid price. UNDP will NOT accept partial bids within each LOT and such bids will be rejected. Given the multiple and varied geographical locations of each project, sub-project and budget availability, UNDP reserves the right to award contracts to either individual, multiple or all LOTs to a bidder.

The Technical Drawings, Bill of Quantity (BOQ), Scope of Works and all solicitation bid documents can be collected free of charge from the above UNDP Project Office or from the below address from **3<sup>rd</sup> July – 17<sup>th</sup> July 2017 or downloaded free of charge from [www.lk.undp.org](http://www.lk.undp.org) > Operations > Procurement**. All bids must be clearly marked with the respective **ITB Ref Number** on the top left corner of the envelope.

**The deadline for submission of the bids is 2.00 p.m 17<sup>th</sup> July 2017 Sri Lanka time** and all bids must be sealed and delivered to the address below. *All late* offers will be rejected and returned to the bidder unopened. The bids will be opened immediately after the closure of the submission time and bidders are encouraged to participate in the bid opening.

#### **Head of Procurement/Administration**

United Nations Development Programme (UNDP)  
202-204 Bauddhaloka Mawatha  
Colombo 07, Sri Lanka.

UNDP reserves the right to accept or reject any bid. The procurement process will be governed by the rules and regulations of the United Nations Development Programme (UNDP).

# **INVITATION TO BID**

**Implement Civil Construction Works**

**ITB/GLED/05/2017**

**SRI LANKA**



**United Nations Development Programme**

July, 2017

## Section 1. Letter of Invitation

SRI LANKA  
July 2, 2017

**ITB/GLED/05/2017**

Dear M/S Bidder

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

This ITB includes the following documents:

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

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

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

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

If you have received this ITB through a direct invitation by UNDP, transferring this invitation to another firm requires notifying UNDP accordingly.

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

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

Yours sincerely,

Head of Procurement

## Section 2: Instruction to Bidders<sup>1</sup>

### Definitions

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

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

- m) *“Schedule of Requirements and Technical Specifications”* refers to the document included in this ITB as Section 3 which lists the goods required by UNDP, their specifications, the related services, activities, tasks to be performed, and other information pertinent to UNDP’s receipt and acceptance of the goods.
- n) *“Services”* refers to the entire scope of tasks related or ancillary to the completion or delivery of the goods required by UNDP under the ITB.
- o) *“Supplemental Information to the ITB”* refers to a written communication issued by UNDP to prospective Bidders containing clarifications, responses to queries received from prospective Bidders, or changes to be made in the ITB, at any time after the release of the ITB but before the deadline for the submission of Bid.

## A. GENERAL

1. UNDP hereby solicits Bids as a response to this Invitation to Bid (ITB). Bidders must strictly adhere to all the requirements of this ITB. No changes, substitutions or other alterations to the rules and provisions stipulated in this ITB may be made or assumed unless it is instructed or approved in writing by UNDP in the form of Supplemental Information to the ITB.
2. Submission of a Bid shall be deemed as an acknowledgement by the Bidder that all obligations stipulated by this ITB will be met and, unless specified otherwise, the Bidder has read, understood and agreed to all the instructions in this ITB.
3. Any Bid submitted will be regarded as an offer by the Bidder and does not constitute or imply the acceptance of any Bid by UNDP. UNDP is under no obligation to award a contract to any Bidder as a result of this ITB.
4. UNDP implements a policy of zero tolerance on proscribed practices, including fraud, corruption, collusion, unethical practices, and obstruction. UNDP is committed to preventing, identifying and addressing all acts of fraud and corrupt practices against UNDP as well as third parties involved in UNDP activities. (See [http://www.undp.org/about/transparencycdocs/UNDP Anti Fraud Policy English FINAL june 2011.pdf](http://www.undp.org/about/transparencycdocs/UNDP_Anti_Fraud_Policy_English_FINAL_june_2011.pdf) and [http://www.undp.org/content/undp/en/home/operations/procurement/procurement\\_protest/](http://www.undp.org/content/undp/en/home/operations/procurement/procurement_protest/) for full description of the policies)
5. In responding to this ITB, UNDP requires all Bidders to conduct themselves in a professional, objective and impartial manner, and they must at all times hold UNDP’s interests paramount. Bidders must strictly avoid conflicts with other assignments or their own interests, and act without consideration for future work. All Bidders found to have a conflict of interest shall be disqualified. Without limitation on the generality of the above, Bidders, and any of their affiliates, shall be considered to have a conflict of interest with one or more parties in this solicitation process, if they:

- 5.1 Are, or have been associated in the past, with a firm or any of its affiliates which have been engaged UNDP to provide services for the preparation of the design, Schedule of Requirements and Technical Specifications, cost analysis/estimation, and other documents to be used for the procurement of the goods and related services in this selection process;
- 5.2 Were involved in the preparation and/or design of the programme/project related to the goods and related services requested under this ITB; or
- 5.3 Are found to be in conflict for any other reason, as may be established by, or at the discretion of, UNDP.

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

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

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

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

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

## **B. CONTENTS OF BID**

### **9. Sections of Bid**

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

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

## **10. Clarification of Bid**

- 10.1 Bidders may request clarification of any of the ITB documents no later than the number of days indicated in the **Data Sheet** (DS no. 16) prior to the Bid submission date. Any request for clarification must be sent in writing via courier or through electronic means to the UNDP address indicated in the **Data Sheet** (DS no. 17). UNDP will respond in writing, transmitted by electronic means and will transmit copies of the response (including an explanation of the query but without identifying the source of inquiry) to all Bidders who have provided confirmation of their intention to submit a Bid.
- 10.2 UNDP shall endeavour to provide such responses to clarifications in an expeditious manner, but any delay in such response shall not cause an obligation on the part of UNDP to extend the submission date of the Bid, unless UNDP deems that such an extension is justified and necessary.

## **11. Amendment of Bid**

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

## **C. PREPARATION OF BID**

### **12. Cost**

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

### **13. Language**

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

### **14. Bid Submission Form**

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

## 15. Technical Bid Format and Content

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

- 15.1 Expertise of Firm/Organization – this section should provide details regarding management structure of the organization, organizational capability/resources, and experience of organization/firm, the list of projects/contracts (both completed and on-going, both domestic and international) which are related or similar in nature to the requirements of the ITB, manufacturing capacity of plant if Bidder is a manufacturer, authorization from the manufacturer of the goods if Bidder is not a manufacturer, and proof of financial stability and adequacy of resources to complete the delivery of goods and provision of related services required by the ITB (see ITB Clause 18 and DS No. 26 for further details). The same shall apply to any other entity participating in the ITB as a Joint Venture or Consortium.
- 15.2 Technical Specifications and Implementation Plan – this section should demonstrate the Bidder's response to the Schedule of Requirements and Technical Specifications by identifying the specific components proposed; how each of the requirements shall be met point by point; providing a detailed specification and description of the goods required, plans and drawings where needed; the essential performance characteristics, identifying the works/portions of the work that will be subcontracted; a list of the major subcontractors, and demonstrating how the bid meets or exceeds the requirements, while ensuring appropriateness of the bid to the local conditions and the rest of the project operating environment during the entire life of the goods provided. Details of technical bid must be laid out and supported by an Implementation Timetable, including Transportation and Delivery Schedule where needed, that is within the duration of the contract as specified in the **Data Sheet** (DS nos. 29 and 30).

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

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

- 15.3 Management Structure and Key Personnel – This section should include the

comprehensive curriculum vitae (CVs) of key personnel that will be assigned to support the implementation of the technical bid, clearly defining their roles and responsibilities. CVs should establish competence and demonstrate qualifications in areas relevant to the requirements of this ITB.

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

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

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

## 16. Price Schedule

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

## 17. Currencies

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

17.1 UNDP will convert the currency quoted in the Bid into the UNDP preferred currency, in accordance with the prevailing UN operational rate of exchange on the last day of submission of Bid; and

- 17.2 In the event that the Bid found to be the most responsive to the ITB requirement is quoted in another currency different from the preferred currency as per **Data Sheet** (DS no. 15), then UNDP shall reserve the right to award the contract in the currency of UNDP's preference, using the conversion method specified above.

## **18. Documents Establishing the Eligibility and Qualifications of the Bidder**

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

- a) That, in the case of a Bidder offering to supply goods under the Contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' manufacturer or producer to supply the goods in the country of final destination;
- b) That the Bidder has the financial, technical, and production capability necessary to perform the Contract; and
- c) That, to the best of the Bidder's knowledge, it is not included in the UN 1267 List or the UN Ineligibility List, nor in any and all of UNDP's list of suspended and removed vendors.

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

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

## **19. Joint Venture, Consortium or Association**

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

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

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

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

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

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

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

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

## **20. Alternative Bid**

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

## **21. Validity Period**

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

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

## **22. Bidder's Conference**

When appropriate, a Bidder's conference will be conducted at the date, time and location

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

## D. SUBMISSION AND OPENING OF BID

### 23. Submission

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

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

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

23.2 Bidders must submit their Bid in the manner specified in the **Data Sheet** (DS nos. 22 and 23). When the Bid is expected to be in transit for more than 24 hours, the Bidder must ensure that sufficient lead time has been provided in order to comply with UNDP's deadline for submission. UNDP shall indicate for its record that the official date and time of receiving the Bid is the actual date and time when the said Bid has physically arrived at the UNDP premises indicated in the **Data Sheet** (DS no. 20).

23.3 Bidders submitting Bid by mail or by hand shall enclose the original and each copy of the Bid, in separate sealed envelopes, duly marking each of the envelopes as "Original Bid" and the others as "Copy of Bid". The two envelopes, consisting of original and copies, shall then be sealed in an outer envelope. The number of copies required shall be as specified in the **Data Sheet** (DS no. 19). In the event of any discrepancy between the contents of the "Original Bid" and the "Copy of Bid", the contents of the original shall govern. The original version of the Bid shall be signed or initialled by the Bidder or person(s) duly authorized to commit the Bidder on every page. The authorization shall be communicated through a document evidencing such authorization issued by the highest official of the firm, or a Power of Attorney, accompanying the Bid.

23.4 Bidders must be aware that the mere act of submission of a Bid, in and of itself, implies that the Bidder accepts the General Contract Terms and Conditions of UNDP as attached

hereto as Section 11.

#### **24. Deadline for Submission of Bid and Late Bids**

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

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

#### **25. Withdrawal, Substitution, and Modification of Bid**

- 25.1 Bidders are expected to have sole responsibility for taking steps to carefully examine in detail the full consistency of its Bid to the requirements of the ITB, keeping in mind that material deficiencies in providing information requested by UNDP, or lack clarity in the description of goods and related services to be provided, may result in the rejection of the Bid. The Bidder shall assume any responsibility regarding erroneous interpretations or conclusions made by the Bidder in the course of understanding the ITB out of the set of information furnished by UNDP.
- 25.2 A Bidder may withdraw, substitute or modify its Bid after it has been submitted by sending a written notice in accordance with ITB Clause 23, duly signed by an authorized representative, and shall include a copy of the authorization (or a Power of Attorney). The corresponding substitution or modification of the Bid must accompany the respective written notice. All notices must be received by UNDP prior to the deadline for submission and submitted in accordance with ITB Clause 23 (except that withdrawal notices do not require copies). The respective envelopes shall be clearly marked "WITHDRAWAL," "SUBSTITUTION," or "MODIFICATION".
- 25.3 Bid requested to be withdrawn shall be returned unopened to the Bidders.
- 25.4 No Bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of Bid and the expiration of the period of Bid validity specified by the Bidder on the Bid Submission Form or any extension thereof.

#### **26. Bid Opening**

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

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

## 27. Confidentiality

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

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

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

## E. EVALUATION OF BID

### 28. Preliminary Examination of Bid

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

### 29. Evaluation of Bid

29.1 UNDP shall examine the Bid to confirm that all terms and conditions under the UNDP General Terms and Conditions and Special Conditions have been accepted by the Bidder without any deviation or reservation.

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

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

- a) Verification of accuracy, correctness and authenticity of the information provided by the bidder on the legal, technical and financial documents submitted;
- b) Validation of extent of compliance to the ITB requirements and evaluation criteria based on what has so far been found by the evaluation team;
- c) Inquiry and reference checking with Government entities with jurisdiction on the bidder,

- or any other entity that may have done business with the bidder;
- d) Inquiry and reference checking with other previous clients on the quality of performance on on-going or previous contracts completed;
- e) Physical inspection of the bidder's plant, factory, branches or other places where business transpires, with or without notice to the bidder;
- f) Testing and sampling of completed goods similar to the requirements of UNDP, where available; and
- g) Other means that UNDP may deem appropriate, at any stage within the selection process, prior to awarding the contract.

### **30. Clarification of Bid**

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

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

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

### **31. Responsiveness of Bid**

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

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

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

### **32. Nonconformities, Reparable Errors and Omissions**

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

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

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

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

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

## **F. AWARD OF CONTRACT**

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

- 33.1 UNDP reserves the right to accept or reject any Bid, to render any or all of the Bids as non-responsive, and to reject all Bids at any time prior to award of contract, without incurring any liability, or obligation to inform the affected Bidder(s) of the grounds for UNDP's action. Furthermore, UNDP is not obligated to award the contract to the lowest price offer.
- 33.2 UNDP shall also verify, and immediately reject their respective Bid, if the Bidders are found to appear in the UN's Consolidated List of Individuals and Entities with Association to Terrorist Organizations, in the List of Vendors Suspended or Removed from the UN Secretariat Procurement Division Vendor Roster, the UN Ineligibility List, and other such lists that as may be established or recognized by UNDP policy on Vendor Sanctions. (See [http://www.undp.org/content/undp/en/home/operations/procurement/procurement\\_protest/](http://www.undp.org/content/undp/en/home/operations/procurement/procurement_protest/))

### **34. Award Criteria**

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

### **35. Right to Vary Requirements at the Time of Award**

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

### **36. Contract Signature**

Within fifteen (15) days from the date of receipt of the Contract, the successful Bidder shall sign

and date the Contract and return it to UNDP.

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

### **37. Performance Security**

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

### **38. Bank Guarantee for Advanced Payment**

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

### **39. Vendor Protest**

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

## Instructions to Bidders

### DATA SHEET<sup>2</sup>

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

DS No.	Cross Ref. to Instructions	Data	Specific Instructions / Requirements
1		Project Title:	ITB/GLED/05/2017
2		Title of Goods/Services/Work Required:	CIVIL WORKS
3		Country:	SRI LANKA
4	C.13	Language of the Bid:	<input checked="" type="checkbox"/> English
5	C.20	Conditions for Submitting Bid for Parts or sub-parts of the Total Requirements	<input checked="" type="checkbox"/> Not allowed Partial Bids within each LOT is not permitted
6	C.20	Conditions for Submitting Alternative Bid	<input checked="" type="checkbox"/> Shall not be considered
7	C.22	A pre-Bid conference will be held on:	Time: 2.00 P.M for all three LOTs Date: 6 <sup>th</sup> July 2017 Venue: UNDP GLED Project Office, District Secretariat, Kandy Road, Jaffna.  The UNDP focal point for the arrangement is: Ms. Amali Iresha Address: 202-204 Bauddhaloka Mawatha, Colombo 07 Telephone: 2 580 691 ext 1327 E-mail: <a href="mailto:amali.dommanige@undp.org">amali.dommanige@undp.org</a>
8	C.21.1	Period of Bid Validity commencing on the submission	<input checked="" type="checkbox"/> 120 days

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

		date.	
9	B.9.5 C.15.4 b)	Bid Security	<input checked="" type="checkbox"/> Required Amount: LKR 45,000.00 for LOT 1  LKR 55,000.00 for LOT 2  LKR 25,000.00 for LOT 3  <input type="checkbox"/> Not Applicable  Form: Bank Guarantee
	B.9.5	Acceptable forms of Bid Security <sup>3</sup>	<input checked="" type="checkbox"/> Bank Guarantee (See Section 8 for template) <input type="checkbox"/> Any Bank-issued Check / Cashier's Check / Certified Check
11	B.9.5 C.15.4 a)	Validity of Bid Security	<input checked="" type="checkbox"/> 150 days from the last day of Bid submission. Bid Security of unsuccessful Bidders shall be returned. <input type="checkbox"/> Not Applicable
12		Advanced Payment upon signing of contract	<input type="checkbox"/> Allowed up to a maximum of 20% of contract <sup>4</sup> <input checked="" type="checkbox"/> Not Allowed
13		Liquidated Damages	<input checked="" type="checkbox"/> Will be imposed under the following conditions: Percentage of contract price per week of delay: 0.5% Max. no. of weeks of delay: 20 weeks
14	F.37	Performance Security  Retention Bond	<input checked="" type="checkbox"/> Required Amount :10% of Bid Amount Form: Bank Guarantee <input checked="" type="checkbox"/> Required Amount; 5% of contract Amount Period: 06 months from contract completion for Lot 1 & 2 04 months from contract completion for Lot 3
15	C.17 C.17.2	Preferred Currency of Bid and Method for Currency conversion	<input checked="" type="checkbox"/> Sri Lankan Rupees (LKR)

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

<sup>4</sup> If the advanced payment that the Bidder will submit will exceed 20% of the Price Offer, or will exceed the amount of USD 30,000, the Bidder must submit an Advanced Payment Security in the same amount as the advanced payment, using the form and contents of the document in Section 10

16	B.10.1	Deadline for submitting requests for clarifications/ questions	10 July 2017
17	B.10.1	Contact Details for submitting clarifications/questions <sup>5</sup>	Focal Person in UNDP: Ms. Amali Iresha Address: 202-204 Bauddhaloka Mawatha, Colombo 07, Sri Lanka Fax No. : 2 581116 E-mail address dedicated for this purpose: <b>amali.dommanige@undp.org</b>
18	B.11.1	Manner of Disseminating Supplemental Information to the ITB and responses/clarifications to queries	<input checked="" type="checkbox"/> Direct communication to prospective Bidders by email or fax
19	D.23.3	No. of copies of Bid that must be submitted	Original : 01 (ONE) Copies : 01 (ONE)
20	D.23.1 b) D.23.2 D.24	Bid submission address	Attention: Procurement & Admin Unit United Nations Development Programme 202-204 Bauddhaloka Mawatha Colombo 07 Sri Lanka
21	C.21.1 D.24	Deadline of Bid Submission	Date and Time : July 17, 2017 2:00 PM
22	D.23.2	Manner of Submitting Bid	<input checked="" type="checkbox"/> Courier/Hand Delivery
23	D.23.2 D.26	Conditions and Procedures for electronic submission and opening, if allowed	N/app
24	D.23.1 c)	Date, time and venue for opening of Bid	Date and Time: July 17, 2017 2:30 PM Venue : UNDP, 202-204 Bauddhaloka Mawatha, Colombo 07, Sri Lanka
25		Evaluation method to be used in selecting the most responsive Bid	<input checked="" type="checkbox"/> Non-Discretionary "Pass/Fail" Criteria on the Technical Requirements; and <input checked="" type="checkbox"/> Lowest price offer of technically qualified/responsive Bid
26	C.15.1	Required Documents that must be Submitted to Establish Qualification of Bidders (In	<input checked="" type="checkbox"/> Company Profile, which should <u>not</u> exceed Ten (10) pages, including printed brochures and product catalogues relevant to the goods/services

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

		<p>"Certified True Copy" form only)</p> <p><i>[check all that apply, delete those that will not be required.]</i></p>	<p>being procured</p> <p><input type="checkbox"/> Members of the Governing Board and their Designations duly certified by the Corporate Secretary, or its equivalent document if Bidder is not a corporation</p> <p><input type="checkbox"/> Tax Registration/Payment Certificate issued by the Internal Revenue Authority evidencing that the Bidder is updated with its tax payment obligations, or Certificate of Tax exemption, if any such privilege is enjoyed by the Bidder</p> <p><input checked="" type="checkbox"/> Certificate of Registration of the business, including Articles of Incorporation, or equivalent document if Bidder is not a corporation</p> <p><input type="checkbox"/> Quality Certificate (e.g., ISO, etc.) and/or other similar certificates, accreditations, awards and citations received by the Bidder, if any</p> <p><input type="checkbox"/> Latest Audited Financial Statement (Income Statement and Balance Sheet) including Auditor's Report for the past years; <i>[2 years]</i></p> <p><input type="checkbox"/> Evidences to have the adequate bank credit facilities.</p> <p><input type="checkbox"/> Evidences to have the sufficient manpower competent to perform the project.</p> <p><input type="checkbox"/> Evidences to have the required machineries to perform the project.</p> <p><input type="checkbox"/> Statement of Satisfactory Performance from the Top 3 Clients in terms of Contract Value the past <i>3 years</i></p> <p><input type="checkbox"/> List of Bank References (Name of Bank, Location, Contact Person and Contact Details)</p>
27		Other documents that may be Submitted to Establish Eligibility	Valid/Updated ICTAD Registration
28	C.15	Structure of the Technical Bid and List of Documents to be Submitted	<i>N/app</i>
29	C.15.2	Latest Expected date for commencement of Contract	<i>ASAP</i>
30	C.15.2	Maximum Expected duration of contract	04 Months
31		UNDP will award the contract to:	<p><input type="checkbox"/> One Bidder</p> <p><input checked="" type="checkbox"/> One or more Bidders, depending on the following factors: <i>[Each LOT can be separately</i></p>

			awarded or multiple LOT s per bidder or all LOTs to one bidder depending on technical compliance, ICTAD qualifications and capacity]
32	F.34	Criteria for the Award and Evaluation of Bid	<p><b><u>Award Criteria</u></b></p> <p><input checked="" type="checkbox"/> Non-discretionary “Pass” or “Fail” rating on the detailed contents of the Schedule of Requirements and Technical Specifications</p> <p><input checked="" type="checkbox"/> Compliance on the following qualification requirements :</p> <p><input checked="" type="checkbox"/> In a scenario where a Bidder is lowest in more than one Lot but does not have capacity to execute multiple Lots UNDP shall use the following award criteria:</p> <p>a) Overall least price combination across Lots to UNDP based on different combinations of award.</p> <p>b) Preference to award a Lot to a bidder in the event that there may not be other technically responsive bids for that Lot to ensure there is coverage for all Lots;</p> <p>c) Irrespective of determined capacity to undertake more than one lot, UNDP may decide at its discretion to award Lots to different bidders to reduce risk of delivery.</p> <p><b><u>Bid Evaluation Criteria<sup>6</sup></u></b></p> <p><input checked="" type="checkbox"/> Minimum no. of years of experience: [02 years];</p> <p><input checked="" type="checkbox"/> Minimum no. of construction projects in similar nature undertaken within last Five years: [02 Projects];</p> <p><input checked="" type="checkbox"/> Minimum no. of construction projects in similar money volume of undertaken within last five years: [01 Project];</p> <p><input checked="" type="checkbox"/> Full compliance of Bid to the Technical Requirements;</p>
33	E.29	Post qualification Actions	<p><input checked="" type="checkbox"/> Verification of accuracy, correctness and authenticity of the information provided by the bidder on the legal, technical and financial documents submitted;</p> <p><input checked="" type="checkbox"/> Validation of extent of compliance to the ITB requirements and evaluation criteria based on what has so far been found by the</p>

<sup>6</sup> Pls. reconcile and ensure consistency with the contents of the Technical Specifications

			<p>evaluation team;</p> <p><input type="checkbox"/> Inquiry and reference checking with Government entities with jurisdiction on the bidder, or any other entity that may have done business with the bidder;</p> <p><input checked="" type="checkbox"/> Inquiry and reference checking with other previous clients on the quality of performance on ongoing or previous contracts completed;</p> <p><input type="checkbox"/> Physical inspection of the bidder's plant, factory, branches or other places where business transpires, with or without notice to the bidder;</p> <p><input type="checkbox"/> Testing and sampling of completed goods similar to the requirements of UNDP, where available; and</p> <p><input type="checkbox"/> Others <i>[click here to specify]</i></p>
34		Conditions for Determining Contract Effectively	<p><input checked="" type="checkbox"/> UNDP's receipt of Performance Bond</p> <p><input type="checkbox"/> UNDP's approval of plans, drawings, samples, etc.</p> <p><input type="checkbox"/> Others <i>[click here to specify]</i>.</p>
35		Other Information Related to the ITB <sup>7</sup>	<i>[All other instructions and information not mentioned in DSs 1-33 but are relevant to the ITB must be cited here, and any further entries that may be added below this table row.]</i>

### Section 3a: Schedule of Requirements and Technical Specifications

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

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

### Section 3: Bid Submission Form<sup>8</sup>

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

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Sri Lanka  
7/17/2017

To: Head of Procurement, UNDP

Dear Sir/Madam:

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

We hereby declare that:

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

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

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

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

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

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

We remain,

Yours sincerely,

Authorized Signature [*In full and initials*]: \_\_\_\_\_

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

Name of Firm: \_\_\_\_\_

Contact Details: \_\_\_\_\_

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

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## Section 4: Documents Establishing the Eligibility and Qualifications of the Bidder

### Bidder Information Form<sup>9</sup>

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

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

Page \_\_\_\_\_ of \_\_\_\_\_ pages

1. Bidder's Legal Name <i>[insert Bidder's legal name]</i>		
2. In case of Joint Venture (JV), legal name of each party: <i>[insert legal name of each party in JV]</i>		
3. Actual or intended Country/ies of Registration/Operation: <i>[insert actual or intended Country of Registration]</i>		
4. Year of Registration in its Location: <i>[insert Bidder's year of registration]</i>		
5. Countries of Operation	6. No. of staff in each Country	7. Years of Operation in each Country
8. Legal Address/es in Country/ies of Registration/Operation: <i>[insert Bidder's legal address in country of registration]</i>		
9. Value and Description of Top three (3) Biggest Contract for the past five (5) years		
10. Latest Credit Rating (Score and Source, if any)		
11. Brief description of litigation history (disputes, arbitration, claims, etc.), indicating current status and outcomes, if already resolved.		
12. Bidder's Authorized Representative Information  Name: <i>[insert Authorized Representative's name]</i> Address: <i>[insert Authorized Representative's Address]</i> Telephone/Fax numbers: <i>[insert Authorized Representative's telephone/fax numbers]</i> Email Address: <i>[insert Authorized Representative's email address]</i>		
13. Are you in the UNPD List 1267.1989 or UN Ineligibility List ? <input type="checkbox"/> YES or <input type="checkbox"/> NO		

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

14. Attached are copies of original documents of:

- ☐ All eligibility document requirements listed in the Data Sheet
- ☐ If Joint Venture/Consortium – copy of the Memorandum of Understanding/Agreement or Letter of Intent to form a JV/Consortium, or Registration of JV/Consortium, if registered
- ☐ If case of Government corporation or Government-owned/controlled entity, documents establishing legal and financial autonomy and compliance with commercial law.

## Section 5: FORM FOR BID SECURITY

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

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

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

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

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

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

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

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

### **SIGNATURE AND SEAL OF THE GUARANTOR BANK**

Date .....

Name of Bank .....

Address .....

## Section 6: FORM FOR PERFORMANCE SECURITY<sup>10</sup>

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

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To: UNDP

*[Insert contact information as provided in Data Sheet]*

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

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

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

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

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

### **SIGNATURE AND SEAL OF THE GUARANTOR BANK**

Date .....

Name of Bank .....

Address .....

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<sup>10</sup> If the RFP requires the submission of a Performance Security, which shall be made a condition to the signing and effectivity of the contract, the Performance Security that the Bidder's Bank will issue shall use the contents of this template

## Section 7: Contract

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**PLEASE ATTACH HERETO THE SAMPLE OF THE CONTRACT WHICH WILL BE USED AND THE GENERAL TERMS AND CONDITIONS FOR CIVIL WORK IS AVAILABLE TO DOWNLOAD FROM [WWW.LK.UNDP.ORG](http://WWW.LK.UNDP.ORG) > OPERATIONS > PROCUREMENT.**



### CONTRACT FOR CIVIL WORKS

Date: Click here to enter text.

Dear Sir/Madam,

Contract NO. ....

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

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

#### **1. Contract Documents**

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

following documents, which shall take precedence over one another in case of conflict in the following order:

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

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

## 2. Obligations of the Contractor

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

## 3. Price and Payment

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

applicable VAT separately.

#### MILESTONE

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


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

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

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

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

#### **4. Special conditions**

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

4.2 The amounts of the payments referred to under section 3.6 above shall be subject to a

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

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

## **5. Submission of invoices**

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

## **6. Time and manner of payment**

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

### **Contractor's Bank Details**

## **7. Modifications**

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

**8. Notifications**

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

**For the UNDP:**

Click here to enter text.

**For the Contractor:**

Click here to enter text.

8.2 For the purposes of communications with regard to the implementation, the address of the Officer shall be as follows:

Click here to enter text.

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

Yours sincerely,

-----  
Click here to enter text.

**For the Company/Organization**

**Agreed and Accepted:**

Signature: -----

Name: -----

Title: -----

Date: -----

### Section 3a: Schedule of Requirements and Technical Specifications

**PROJECT: CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR KANKESANTHURAI SOUTH AT TELLIPALAI DS DIVISION IN JAFFNA**

**PROJECT NO.: JAF/RNRA/ 101335/001/02**

#### **3.a.1 Other Documents Applicable at Implementation Process:**

Any interpretations not covered under the General conditions of Contract for civil Works of UNDP template shall be binding vide the standard documentations adopted by the GOSL as listed below.

##### **3.a.1.1 Specifications**

The works under this Contract shall be executed in accordance with the Specifications given in the following documents issued by the Institute for Construction Training and Development (ICTAD), "Savsiripaya", Wijerama Mawatha, Colombo 07, as applicable. The specifications given in this Document, if any, shall take precedence over the ICTAD documents wherever relevant.

<u>Publication No.</u>	<u>Description</u>
SCA/4 (Vol.I)	Specifications for Building Works Vol. (I), Sri Lanka. 3 <sup>rd</sup> Edition (Revision) July 2004
SCA/4 (Vol.II)	Specifications for Building Works Second Edition (Revised), October 2001
SCA/3/2	Specifications for Water Supply, Sewerage and Storm Water Drainage Second Edition (Revised), August 2000
SCA/8	Specification for Electrical & Mechanical works, Second Edition (Revised), August 2000

Eligible bidders are expected to be fully acquainted with the above documents and hence these will not be issued to the Bidders with this Document.

Bidders may purchase same if necessary, from ICTAD, "Savsiripaya", Wijerama Mawatha, Colombo 07.

##### **3.a.1.2 Method of Measurements – SLS 573**

##### **3.a.1.3 Condition of contract : ICTAD/SBD/01**

Maximum Expected duration of contract – **04 months**

**The engineer of the contract is to be nominated by UNDP on award of the contract.**

### **3.a.2. Scope of work: Construction of Multi-Purpose Centre for Kankesanthurai South at Tellipalai DS Division in Jaffna**

#### **Project Title: Resettlement in Newly Released Area (RNRA)**

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

Further to the situation analysis provided in the Addendum of Northern Livelihood Development Project III (NLDP III) proposal, latter part the year 2015 shows a significant change in the context of the Jaffna District with the resettlement of internally displaced persons, identified as vulnerable communities, in need of immediate recovery support. Under the direction of H.E. Maithripala Sirisena, the President of Government in Sri Lanka, on December 29th, 2015, a total of 701 acres of land were released. Further with the support of Ministry of Prisons Reforms, Resettlement and Reconstruction and Hindu Religious Affairs, and the Government Agent of the Jaffna District, on the March 12th, 2016 official documents were handed over all those returnee families.

Accordingly, as of now a 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)

have been partly released. 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.

##### **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, Department of Cooperative Development, Predeshiya Saba, Grama Seva Officer, Samurdhi Development Officer and Economic Development Officer and other GSN and village based government officers, CSOs, CBOs & RDC.

##### **• Targeted beneficiaries:**

400-450 return families as direct beneficiaries.

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

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Construction of Multi-Purpose Centre for Community reintegration and service delivery

• **Location**

Tellipalai DS Division – Kankesanthurai South and adjoining GN Divisions

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

CWC (National Ad) for Construction of Multi-Purpose Centre

• **Technical details of the work**

**Technical Detail for Construction of Multi-Purpose Centre for Kankesanthurai South at Tellipalai DS Division in Jaffna.**

- 1) 01 Room for CBO, 02 Rooms 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, except one Al sliding window
- 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
- 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 Kankesanthurai South in Thellipalai DS division

The soil type is lime rocky.

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.

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

### **3.a.3. PRICING PREAMBLES**

#### **GENERALLY**

Provision has been made for the total of each page to be collected at the end of each bill of these Bills of Quantities.

The Contractor should allow against the items or in the prices for everything contained in these Bills of Quantities which has a monetary value.

Lump sums shall not be given where unit rates are applicable.

Payment against any item in the Bill of Quantities will be made only if such item has actually been carried out by the contractor. If the Contractor intends to execute any alternative method of construction, the Engineer's prior approval thereof shall be obtained prior to execution of such work in order to ensure payment against the relevant item.

Unit rates may be used reciprocally in the settlement of accounts unless conflict between them occurs. The Contractor is, therefore, to ensure that identical items occurring in separate bills are not priced at different rates unless this is his deliberate intention.

The Contractor shall check against the summaries that each copy of the Bills of Quantities is complete in the number of pages and in the reproduction of each page.

The Contractor's prices and extension shall be entered in water proofing.

Unit rates and extensions shall be given in **Sri Lankan Rupees** to a maximum of two significant places of decimals.

The various documents collectively referred to herein as the Bills of Quantities jointly constitute the Bill of Quantities referred to in the Conditions of Contract.

These Bills of Quantities have been measured generally in accordance with the principles laid down in the Method of Measurement of Building Works (First Revision) **SLS 573: 1999 published by Sri Lanka Standard Institution** (as here below defined) and rates shall include for everything required for complete sections of work in accordance with the specifications and drawings.

In the Bills of Quantities, if any materials/ fittings are described by using a trade name, it is only for the purpose of indicating the minimum level of quality and standard required. The Bidder may use any other material/ fittings, which are considered as equivalent in quality and standard to those specified therein subject to the approval of the "Engineer".

Items in the preambles section of these Bills of Quantities are deemed to qualify and to form part of every description of measured work to which they refer including composite descriptions

No amendment which has not been authorized in writing by the Engineer shall be made to these Bills of Quantities.

The Contractor shall not use these Bills of Quantities as a construction programmer or for the purposes of ordering materials or arranging sub-contracts. The references for these activities shall be the drawings,

specification and instructions issued by the Engineer.

These pricing preambles are a standard and comprehensive set and hence may exceed the requirements of this particular project.

#### Format for Descriptions

In addition to common abbreviations the following have been adopted:

m	-	meter	m <sup>2</sup> / m <sup>2</sup>	-	square meter
m <sup>3</sup> / m <sup>3</sup>	-	cubic meter	mm	-	mille meter
Nr	-	number	t	-	tone
kg	-	kilograms	h	-	hour
CP	-	Code of Practice	BS	-	British Standard
BOQ	-	Bills of Quantities			

Every description shall read as if the phrase “and the like” were incorporated into it.

Where specific classifications have been given but are deemed to include other categories of work only the classified item shall be given in descriptions.

“Prices also to include”; items under this heading fall into two categories:

- a) Those which are deemed to be included in descriptions and therefore, in prices.
- b) Those for which the Contractor shall allow in his prices.

“Approved”, “Directed”, “Selected” and similar expressions shall relate to the Engineer’s decision.

“Falls”, “Slopes”, and “Weathered”: inclined from the horizontal in one plane.

“Cross Falls”, “Cross Slopes”, “Cross weathered”: inclination from the horizontal in more than one plane.

#### **Prices also deemed to include**

Rates shall be comprehensive and include for the following:

- a) All obligations imposed by the Contract.
- b) Complying in every respect with the requirements and the considerations of the specifications and drawings.
- c) All considerations arising from the definitions incorporated into each preamble section.
- d) Labour for fixing and all associated costs.
- e) Materials and goods and all associated costs.
- f) Fitting and / or fixing materials and goods in any position, hoisting to any height.
- g) Use of scaffolding, plant, equipment and tools.
- h) Allow for protection of finished surfaces/fittings etc. of all work sections.
- i) Any additional labours usually associated with measured items.
- j) Testing of electrical installations and Mega testing by and independent authority acceptable to the consultant.
- k) All overheads profits, local taxes, security and monitoring fees unless otherwise described separately.

All measurements are net and the rates shall include for all laps(except for steel reinforcement where the quantity of laps is included in the BOQ quantity), waste, working space and trade or traditional allowances.

The pricing of materials shall take account of the following:

Pricing Preambles, Drawings and Specifications shall apply reciprocally between sections of the works unless otherwise described.

- a) Materials shall be of the best quality available unless otherwise described.
- b) All materials shall be transported, handled, stored and fixed in accordance with the printed instructions or recommendations of their manufacture or suppliers.
- c) Protection of completed work, all casings and temporary coverings and making good and clearing away upon completion.

Building paper, damp proof membrane, quilts and all non-rigid sheet materials shall include cutting or forming holes and notching and the extra labour of turning up at edges and the like.

Duct shall include draw wires.

Holes, mortices, pockets, grooves, chases and the like and items described as “built in” and “cast in” shall include making in its fullest sense and through, around, into over and up to the items concerned.

Items described as “cut” shall include general making good similarly.

Where the word “allow” is used the cost of the items shall be the responsibility of the Contractor.

The Contractor shall obtain from all sub-contractors (weather nominated or otherwise) their requirements for all recesses, chases, holes and the like in order that they may be built in or formed as the work proceeds. No additional charges shall be allowed for cutting recesses, chases and holes and the like after the construction of the works.

In the event of their being any discrepancies between details on drawings, descriptions in specifications and descriptions in the Bills of Quantities then the rates and pricing shall be deemed to relate to the documents order of precedence set out in the Form of Agreement.

The amounts set against any Provisional Sums for supply of materials shall be the net CIF amount adjusted for all discounts and customs duty. The amounts set against any items of profit shall include for all costs in connection with letters of credit, bank charges, interest charges and insurance after the materials come under the control of the Contractor.

**The Contractor should leave the whole of the works ready for immediate occupation to the satisfaction of the Engineer including the following:**

- a) Cleaning and touching the buildings both inside and out, leaving all surfaces free of cracks, blemishes or splashes.
- b) Easing, oiling and adjusting and making good of finishes to all fittings, doors, windows, ironmongery and the like.

- c) **Cleaning and polishing all marble glass, anodized aluminium and sanitary ware, including the removal of all protective coverings, paint splashes and the like. Replacement of all or any chipped, cracked or broken items**
- d) **Balancing of air conditioning installations where applicable.**
- e) **Removal of temporary sheds worker toilets etc. rubbish, debris or excess spoil from the site area and raking over and cleaning all unused parts of the site area.**

#### **SUB – CONTRACTORS**

Sub-contractors, whether nominated or not, are to be let on a current form of sub-contract designed for use in conjunction with the General Conditions of Contract amended as necessary to incorporate the appropriate provisions of the main Conditions of Contract.

The Contractor should ascertain from sub-contractors and suppliers before the work is put in hand particulars of positions in which chases, holes, mortices and the like will be required to be formed or left. No claim for the extra costs of cutting away work already built due to the Contractor's failure to ascertain these particulars will be admitted.

Any local sub-contractors which the Contractor proposes to use for the works are subject to the approval of the Engineer and Employer.

The Contractor shall provide for approval a list of sub-contractors who will be employed on the works with their qualifications.

If the Contractor is refused permission to use any of his proposed sub-contractors then the work shall be sub-let at no extra cost to an approved sub-contractor.

Any sub-contractor who has not been approved by the Engineer shall not be used in connection with the carrying out of the works.

#### **PRIME COST SUMS IN UNIT RATES**

Certain rates within the Bills of Quantities will include Prime Cost Sums. The material specification and fixing details will be specified. The Contractor is to include against each heading the necessary uplifts and additions required to give his final rate. This rate will then be carried to the relative places within the Bills of Quantities.

These prime cost sums are subject to alteration and no additional claim will be allowed for the varying of these items.

#### **SECTION: DEMOLITION**

Contractor is required to refer relevant ICTAD conditions on demolition work and also to inspect the site, drawings and BOQ thoroughly to understand the nature of demolition involved. Contractor is expected to use electrical and mechanical tools for demolition work and should avoid excessive vibration and noise. Contractor should use maximum care as not to damage the adjacent areas / structures / elements while demolition of the required members.

All re-usable items to be handover to the client and no material is allowed to take away from site, unless approved by the engineer.

## **SECTION: EXCAVATION AND EARTH WORK**

### **Definitions**

Rock is defined as any material met with which is of such size or position that, in the opinion of the Engineer it can only be removed by means of wedges, special plants or explosives..

### **Method of Measurement**

The method of measurement and re-measurement will be entirely at the discretion of the Engineer but generally will be as follows:

- a) Where there is no reduced level excavation, other excavations will be measured from natural ground level.
- b) In instances where there is excavation to reduce levels other excavations will be measured from the reduced level.

Should the Contractor be able to use any excavated material arising from the works as general filling then it shall be measured as material back filled in making up levels with a deduction of items for filling and for material removed from site.

### **Prices also to include**

Rates for excavation shall be deemed to include for the following.

- a) Excavating by whatever means are necessary including hand excavation in any kind of ground, except rock.
- b) Over break including filling with mass concrete to the levels required by the Engineer.
- c) Trimming or grading ground to produce level surfaces or surfaces to falls or slopes.
- d) Ramming, Compacting sides and bottom of excavations
- e) Additional excavation for working space arising out of any cause, as excavation measured net unless otherwise specified in item description.
- f) Any hand excavation required around existing services or the like.
- g) Compliance with relevant acts, by laws and regulations relating to excavations and earth work supports.
- h) Inspection of Site.

### **Hard Rock**

The tenderer at the time of preparing the tender shall ascertain the prevailing laws and regulation as to the legal requirements of blasting rock and shall allow in his prices accordingly.

### **Hard rock requiring blasting**

Rates for excavation in rock requiring blasting shall include for:-

- a) Obtaining all necessary permits and taking precautionary measures during blasting operation.
- b) Complying with all regulations and instructions issued by relevant government or local government authorities.

- c) Additional Insurance cover; if necessary.

Sledding and stock piling excavated rock etc. as directed by the Engineer. (Maximum distance of stock pile 100 meter from the point of excavation)

**Note:-**

For the purpose of measurements, percentage of voids in stock pile shall be taken as 20% the volume considered for payment shall be the gross volume of stock pile x 0.80

**Earth work support**

- a) Provisional quantities of earth work support (planking and strutting) are given in the BOQ.  
b) Payment for earth work supports will only be considered if physically carried out at the site.  
The Contractor shall obtain the prior approval of the Engineer before carrying out any alternative method of earth work supports than specified in the Contract.

**Termite Protection/Applying Insecticides**

The quantity measured in the BOQ is the plinth area of the building in square metres.

The bidder shall assess the actual quantity of area to be treated and shall allow in the unit rate accordingly. Rate shall include for providing guarantee as per contract.

**SECTION: CONCRETE WORKS**

**Prices also to include**

The Contractor should ascertain from the Engineer the total number of locations of items to be formed in and cast into in-situ and pre-cast concrete including those which are not specifically shown on the drawings. No cutting away of concrete shall be carried out without the approval of the Engineer. All remedial works shall be carried out at the Contractor's expense.

The rates for all In-situ concrete work shall include for the following:

- a) Concrete test cubes and testing costs.  
b) Mixing, hoisting (local) and placing and compacting on the surfaces of any material or on formwork.  
c) Forming any construction joints or the like.  
d) Vibrating, Curing and protecting concrete surfaces from harmful weather conditions.  
e) All necessary keys to concrete surfaces to receive in-situ finishes.  
f) All costs in connection with the construction of "kickers".

The rates for plain concrete foundations and concrete blinding shall include for the following.

- a) All necessary shuttering to edges or extra volume of concrete used in lieu of shuttering.  
b) Forming sloping upper surfaces where required.  
c) The rates for reinforced concrete shall include for working concrete around reinforcement.

The rates for bar reinforcement shall include for the following:

- a) Positioning and protecting starter bars.

- b) Straightening (if required) cutting to length and bending reinforcement to required shapes.
- c) Waste and rolling margin of steel reinforcement.
- d) Cleaning and wire brushing.
- e) Supporting in position during concreting: Provision of supports (excluding links and stirrups) steel binding wire and approved / proprietary distance pieces.
- f) Additional cutting and bonding in connection with holes, mortises, packets, grooves, chases and the like.
- g) Preparation of detailed reinforcement drawings and bar bending schedules for all steel work to be submitted to the Engineer or his representative for approval before starting the work.

The rates for reinforcement shall include for the following:

- a) Straight raking curved and circular cutting and waste, bending to profiles, laps of one Full Square / rectangular module or as noted.
- b) Supporting in position during concreting: provision of supports (excluding special chairs) steel binding wire and approved / proprietary distance pieces.
- c) Cutting, bending and notching around all obstructions.

The rates for Form work as appropriate shall include for the following.

- a) Small quantities.
- b) All cutting and waste including raking curved or circular cutting and cutting and notching around pipes, ducting and fittings.
- c) Setting up, strutting and supporting at any height above the structure subject to any limitations imposed by the Employer's representative including all props, stays struts, wedges and bolts etc.
- d) Carefully coating with shutter oil ensuring that no shutter oil is applied to surfaces of reinforcement
- e) Easing, striking, removing and cleaning and preparing for re-use and removal when no longer required.
- f) Over laps and passing at angles and labours at intersections.
- g) Shortening struts or shapes and re-strutting or re-shoring where required.
- h) Rubbing down, filling and making good the surface of concrete after removal of shuttering.
- i) Cutting or notching shutters or moulds to in-situ or pre-cast concrete around projecting reinforcement.
- j. Removal of Shutters: slabs and beams not before 21 days, Columns 4 days.

## **SECTION: MASONRY WORKS**

### **Prices also to include**

The rates for masonry walls shall include for the following:

- a) Material testing at a recognized laboratory, provision of certificates.
- b) Small quantities and any extra labour in forming kerbs.
- c) Straight, raking, curved and circular rough or fair cutting, plumbing at angles, cutting and bonding at angles, openings and intersections, building into and / or against adjacent work, wedging and pinning up to soffits.
- d) in-situ finishing.
- e) Grouting up at back of walls built against other construction.
- f) All necessary cast in wall ties at any junctions between different types of constructions such as brickwork + block work, brick work + concrete work, block work + concrete work and the like.
- g) All necessary expansion, construction, contraction joints, slips strip or the like.

## **SECTION: STRUCTURAL STEEL WORK**

### **Definitions**

“Welding” is deemed to be in accordance with the specification and for the material to which it is to be used. Gusset plates, shoe plates, ends, caps, cleats, brackets, stiffeners, bolts, etc., have been included in the weights of the associated steel work in which they occur.

In places where new members are to be introduced to the existing roof trusses due to corrosion, the contractor has to use similar type of section while replacing them. In all trusses, the hot air passage, provided at the apex point of the trusses to be removed.

### **Prices to Include**

- a) All shop fabrication work, marking, delivery, unloading, hoisting, and (local) erecting, fixing.
- b) Allowance for rolling margin.
- c) The weight of weld metal in welded constructions.
- d) Members of any length.
- e) Cutting to size and shape and joints in the running length.
- f) Notches, holes, slots, mitres, ends and for all drilling and splay cut ends.
- g) Grinding to a smooth finish, unless otherwise required.
- h) After fabrication wire brushed to clean the surface and spray painted with two coats of anticorrosive and two coats of enamel paint.
- i) Rates for galvanising or similarly treated work are to include for the treatment of all ends to the approval of the Engineer.

## **SECTION: METAL WORK**

### **Generally**

Sizes given in the description of items are nominal sizes. The Contractor shall visit the site and take all necessary spot measurements to determine the actual sizes of opening before fabricating the units.

### **Definitions**

“Welded” or “welding” unless otherwise stated shall be continuous butt or fillet welding left as laid.

### **The rates for metal work shall include for the following:**

All fabrication work, handling, delivery, unloading, hoisting, (local) fitting and fixing in position.

- a) Joints in the running length.
- b) Angles in the running length.
- c) Holes, notches, slots and the like.
- d) Fixing with appropriate non-corroding countersunk screws including holes unless otherwise described.
- e) Riveted and bolted work shall include rivets, bolts and holes.
- f) Approved protection to cut ends or holes in galvanised work or other applied finish.

- g) Metal door frames shall include for assembling, fixing with clamps, filling with mortar, temporary supports and removal of base ties.
- h) Floor plates, duct covers and the like shall include narrow widths laying in position and for all holes, slots and the like making good.

#### **SECTION: ALUMINIUM**

Refer notes in the relevant BOQ items. Contractor is to use only two approved manufactures aluminium extrusions. The powder coated aluminium will have a coating thickness of minimum of 60 microns and should be in the range of 60 – 80 microns. Since the building is located near the sea, the contractor has to supply the consultants a certificate from the above suppliers that of quality of the selected aluminium sections are suitable to marine environment.

#### **SECTION: WOODWORK**

##### **Method of Measurement**

- Sizes of sawn timber are basic.
- Sizes of milled timbers are finished.
- All timber sizes indicated in the descriptions shall be finished sizes after planning.
- Woodwork shall be deemed to be fixed with non-corroding nails and screws unless otherwise described, all plugging pelleting, etc., is deemed to be included.
- Screwed woodwork shall be so described and shall be deemed to be fixed with non-corroding screws.

Special millings shall be described according to convention except that grooves, rebates and the like shall include for splayed grooves, rebates and the like.

Items which are to be plugged shall include for building in or drilling or cutting for and providing hardwood fixing plugs or approved proprietary fixings at 450mm centres unless specified otherwise.

##### **Prices also to include**

The rates for woodwork shall include for the following:

- a) Working to size and shape including short lengths, mitres and ends.
- b) All joints in the running length including structural joints.
- c) Cutting and fitting to steelwork, trimming around openings, nothings, boring and sinkin.
- d) Priming backs of woodwork in contract with structure with a mixture of linseed oil and red lead or as specified.
- e) Grounds, packing or the like for woodwork in contact with or fixed to the structure or the like.
- f) Applying two coats of an approved wood preservative before fixing.

The rates for framed woodwork shall include for proper framed joints, gluing joints, dowelling and/or screwing joints.

The rates for milled woodwork shall include for the following.

- a) Punching fixings below exposed surfaces and filling flush.
- b) Any necessary sanding to remove “rippling” caused by milling machines
- c) Special returned ends.

- d) Wreaths, ramps and the like.

The rates for woodwork described as “selected” shall include for the following

- a) Keeping clean and clear finishes
- b) Punching nails and pins below exposed surfaces and filling with an approved coloured filler to match the woodwork.
- c) Where described also as “screwed” the woodwork shall be fixed with brass screws recessed and pelleted to match the woodwork.

The rates for frames sills and linings shall include for bedding in cement lime mortar (1:1:6) and mastic pointing where required.

The rates for plywood block-board and the like shall include for straight raking curved and circular cutting and all consequent wastage.

The rates for plastic laminate faced manufactured boards shall include for providing plastic laminate edgings and balancing laminates and removal of protective coatings.

## **CARPENTRY**

The rates for carpentry shall include for the following:

- a) All labour in framing together all work in accordance with the best practices, complete with all necessary nails, spikes, screws etc.
- b) Hoisting and fixing in position
- c) Drilling and making good
- d) Applying two coats of an approved wood preservative before fixing

## **JOINERY**

Note: All timber sizes indicated in the descriptions shall be finished sizes after planning.

Rates for Joinery Work shall include for:

- a) Framing together all work in accordance with the best practices
- b) Nails, screws, glue, plugs etc.
- c) Priming backs before fixing
- d) Rawl plugs, brass screws etc.
- e) Drilling and making good

The rates for ironmongery shall include for the following:

- a) Mortises, sinking and the like.
- b) Removing before and replacing after decoration.
- c) Testing, easing and adjusting including oiling and leaving in perfect working order.
- d) Adhering strictly to mastering and sub-mastering schemes.
- e) Supplying and labelling at least two keys for each and every lock and handing to the employer's representative.

- f) Master key if required by the specification or drawings.

The rates for ironmongery described as “fixed to hardwood” shall include for fixing to plywood block-board and the like.

#### **SECTION: ROOF COVERING AND ROOF PLUMBING**

The rates for Roof covering and roof plumbing shall include for the following:

- a) Hoisting (local) and placing roofing materials in position.
- b) Laps, straight cutting and waste.
- c) Nails, screws, clips, rivets, straps and the like.
- d) Fixing nuts, limpets etc...
- e) Any Guarantee for finished work as per contract
- f) Apply paint to all exposed faces of roof plumbing as directed.

#### **SECTION: PLUMBING / SANITARY INSTALLATIONS**

The rates for plumbing / sanitary installations shall include for the following:

- a) Complying with the relevant Sri Lanka or British Standard and with the regulations of the local authorities and other controlling bodies.
- b) Pipes where diameter is less than or equal 50mm diameter, fittings are included in the pipe work items.
- c) Cutting and waste of pipe etc. and jointing pipes.
- d) Solder, rivets, screws, nails, clips, brackets, running sockets, straps etc.
- e) Connecting pipes to sanitary fixtures and appliances,
- f) Laying, chasing, burying and fixing pipes and fittings making good all worked disturbed.
- g) All laps, straight cutting and waste.
- h) Chipping concrete/ masonry work where necessary.
- i) Testing installation as required.
- j) Applying painting to all exposed faces of pipe work as directed.

The rates for sanitary fittings and the like shall, ‘unless otherwise described or implied, include for the following:

- a) Assembling component parts including suitable bedding compounds.
- b) All necessary plugging and brass screwing.
- c) Joints to water services with straight or bent proprietary connectors
- d) Joints to waste soils or drain pipes ‘with approved proprietary connectors.
- e) Cleaning off all protective wrappers and leaving ready for use.
- f) Leaving taps and valves greased, clean and in full working order.
- g) The Contractor shall include for the supply of manufacturers recommended spares for one year operation for all mechanical engineering installations.

#### **SECTION: ELECTRICAL INSTALLATIONS**

##### **Prices also to include**

The rates in general shall include for the following

- a) All cutting, short lengths and small quantities.
- b) All joints in the running length and all connections
- c) All considerations arising from the specification.
- d) All necessary conduits, cables, fittings, screws, nails, clips, brackets, junction boxes, straps, 3 core flexible cables, ceiling roses, GI chains, fan hooks and the like.
- e) Pipe sleeves through walls.
- f) Assembling component parts.
- g) Cleaning off all protective wrappers and leaving ready for use.
- h) Leaving all equipment, etc., clean and in full working order.
- i) Draw wires 'in empty conduits
- j) Consulting and co-operating with other trades.
- k) Giving notices, obtaining permits, paying fees etc.
- l) Provision of shop drawings and circuit diagrams including conduit layout drawings etc.
- m) Labelling switch and distribution boards and other equipment.
- n) Providing samples of switches and other fittings.
- o) Earthing the installation.
- p) Testing installations as required by the Engineer and submission of certificate of conformance of Electrical Installations to IEE regulations by a Chartered Electrical Engineer registered with the Ceylon Electricity Board.
- q) Submitting charts/ lists indicating the country of origin and performance of all equipment offered.

Cabling and conducting shall be inclusive of all sleeves, joints, etc., as required to connect the incoming supply to the Main Distribution Board.

## **SECTION: FLOOR/ WALL/CEILING FINISHES**

### **Generally**

- a) Thicknesses of plaster work, bedding, backing etc. given in the description of items are the optimum thickness required.
- b) Finished work must conform in all respect to the approved samples.
- c) Pointed edges special tiles or the like to ceramic or clay tiles, marble work and the like shall be deemed to be included.
- d) Brushing and cleaning off and damping down all backgrounds
- e) Square and rounded edges coving at wall, floor and ceiling junctions, quirks, wee-joints and making good to frames and the like.
- f) Dubbing out as necessary to take up tolerances in the structure and cambers in floors and the like

Rates for floor finishes shall include for:

- a) Straight raking curved and circular cuttings and all consequent wastage
- b) All setting out temporary rules, screeds, template and supports.
- c) Curing and cleaning off / down upon completion.
- d) Spacers, cover guards, etc. to tiling or the like.
- e) All labours and making good around pipes, ducting and fittings and the like.
- f) Joints between different surfaces.
- g) Finishing to slopes and cross falls.
- h) All normal cutting arises, rounded edges, bedding and pointing.

- i) Preparation of sample panels of different finishes for the approval of the engineer. Each panel shall not less than 0.5 m<sup>2</sup> in area.

## **SECTION: PAINTING**

### **Generally**

All paint materials shall be best quality and shall be prepared products of manufacturers approved by the Engineer in writing.

All surfaces to be painted shall be prepared as directed and the prepared surfaces shall be approved by the Engineer before painting.

Unevenness and fillings in plastered surfaces shall be filled with gypsum and allowed to set and sand papered to give a smooth and even surface.

The rates for painting shall include for the following

Rates for Painting shall include for:

- a) Preparation of surfaces, cleaning down
- b) Smoothing, knotting, stopping etc.
- c) Protecting floors, and fittings etc.
- d) Removing and replacing doors furniture and cleaning upon completion.
- e) Providing samples and specification of all paints to be used in the works.
- f) Providing painting to an approved colour scheme and design.
- g) Preparation sample panels of different finishes for the approval of the Engineer. Each panel shall not less than 0.5m<sup>2</sup> in area.

### **Note:-**

Painting and similar work to timber surface, metal surfaces, PVC surfaces and any other surfaces requiring painting have been measured with the relevant items.

## **SECTION: DRAINAGE SYSTEM (surface/below ground/agricultural)**

### **Generally**

The preceding and following clauses of all sections shall apply equally to relevant items within this section.

### **Drainage**

The rates for underground drainage shall include for the following:

- a) Short lengths, joints and cutting at manholes.
- b) Cutting and fixing pipe work to fittings.
- c) Testing

# Governance for Local Economic Development Programme

## BOQ-SUMMARY SHEET

<b>PROJECT TITLE</b>	<b>CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR KANKESANTHURAI SOUTH AT TELLIPALAI DS DIVISION IN JAFFNA</b>
<b>PROJECT NO</b>	<b>JAF/RNRA/101335/001/07</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>	<b>TOTAL OF PRO SUM (SLRS)</b>
1	PRELIMINARIES		36,000.00
2	CONSTRUCTION OF BUILDING		50,000.00
3	CONSTRUCTION OF TOILET		15,000.00
4	EXTERNAL SERVICE		
<b>Sub Total 1 (Total of 2 to 4) (without add pro sum)</b>			
Ddt - Discount .....% (if any) for Sub Total 1			
<b>Sub Total 2 (Pro sum of 1+2+3+ Sub Total 1-Discout)</b>			
5% of Physical Contingencies of Sub Total 2			
<b>Estimated Amount (Sub Toatal 2+5% Contingencies)</b>			
<b>Estimated Amount (without VAT)</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 quated price is to be exclusive of VAT

Signature and seal : .....

Name of Bidder : .....

Address : .....

Date : .....

**CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR KANKESANTHURAI SOUTH AT TELLIPALAI DS  
DIVISION IN JAFFNA**

**PRICED 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			
	Existing 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			

A.01	<b>Provisional Sum</b> for providing a Performance Security		Pro. Sum		6,000.00
A.02	<b>Provisional Sum</b> for Insurance of Works, Machinery & Equipment, Plant and Materials at site as per contract.		Pro. Sum		20,000.00
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		7,000.00
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		Item		
A.07	Allow lump sum for all cost in connection with preparing samples for testing, making arrangements for testing of materials, goods etc., as stipulated in the specification, obtaining test reports and submitting the same to the		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 for 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.		Item		
<b>SUB TOTAL FOR PRELIMINARIES CARRIED TO GRAND SUMMARY</b>				<b>SLRs.</b>	

**CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR KANKESANTHURAI SOUTH AT TELLIPALAI DS DIVISION IN  
JAFFNA**

**PRICED 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>			

	<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>				
B.01	<p>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>	Item	Allow		
B.02	Excavating to reduce level average depth of 150mm	m <sup>2</sup>	161.50		
B.03	Excavation for Wall and Column foundations in Hard rock requiring blasting, depth not exceeding 1500mm from the existing Ground level.	m <sup>3</sup>	18.19		
B.04	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)	m <sup>3</sup>	40.54		
B.05	Approved imported hard earth (Gravel) filling including levelling, watering and compacting in 150mm layers around the building with 98% compaction. (Measured compacted volume)	m <sup>3</sup>	25.00		
B.06	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)	m <sup>3</sup>	10.00		
B.07	Anti - termite treatment which shall cover excavated trenches, pits, etc. and the ground covered by floor slabs, foundation & 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.	m <sup>2</sup>	166.75		
	<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>	Note			
	<b>SUB TOTAL FOR EXCAVATION AND EARTH WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>C</b>	<p><b><u>CONCRETE WORK</u></b></p> <p>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.</p> <p>All Concrete Works shall comply to the specifications, filled into formwork and well packed around reinforcement.</p>	Note			
		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.				
3. Providing water stops at temporary construction joints, if necessary.				
4. Reinforcement and Formwork paid separately unless specified in the Item.				
Rate for formwork shall include for all necessary boarding, supports, erecting, framing, cutting angles, cleaning, apply approved foam oil, wetting before placing concrete, removal etc.	Note			
Formwork is measured as the net contact surface measurement between formwork and concrete.	Note			

	All reinforcement shall be as per relevant British Standards having minimum characteristic strength of 460 N/mm <sup>2</sup> for ribbed tor steel and 250 N/mm <sup>2</sup> for mild steel.	Note			
	Rate for reinforcement shall include for supplying, cleaning, cutting, bending, fabricating, binding, placing in position, binding wires, ties, supporting bars, spaces, chairs, wastage etc.	Note			
	<b>1 :3 :6 (25mm) Volumed Batched Concrete</b>				
C.01	75mm thick Screed concrete under Wall & Column foundation.	m <sup>2</sup>	44.99		
	<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>	169.53		
	<b>1 :2 :4 (20mm) Volumed Batched Concrete</b>				
C.03	Reinforced concrete in Columns Foundation	m <sup>3</sup>	1.93		
C.04	Reinforced concrete in Columns	m <sup>3</sup>	6.77		
C.05	- do - Plinth Level Beams	m <sup>3</sup>	2.27		
C.06	- do - Roof Level Beams	m <sup>3</sup>	2.84		
	<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			
	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. The bidder shall submit the detail of his proposal for formwork system along with the bid.	Note  Note			
C.07	Sides of Columns Footings	m <sup>2</sup>	11.04		
C.08	Sides of Columns	m <sup>2</sup>	59.23		
C.09	Sides of Plinth Level Beams	m <sup>2</sup>	15.75		
C.10	Sides of Roof Level Beams	m <sup>2</sup>	61.88		
C.11	Soffit of Roof Level Beams	m <sup>2</sup>	30.45		
	<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. 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. Reinforcement shall be bent cold by applying a slow even pressure on an approved type of bending apparatus. Re-bending of incorrectly bends bars shall not be attempted.  Rates shall include for cutting, bending, fabricating, placing in position, holding and supporting including temporary fixing supports, hangers, binding wire spacers and waste. Rates shall include for working in difficult conditions. 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. 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  Note  Note  Note  Note  Note			
	<b>High yield Steel and Mild Steel bar comply BS 4449 reinforcement in the following;</b>				
C.12	In Column Footing	kg	44.67		
C.13	In Columns	kg	488.56		
C.14	In Plinth Level Beams	kg	186.73		
C.15	In Roof Level Beams	kg	465.60		
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>	

D	<b><u>MASONRY 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			
	Rates shall include for preparation of surfaces of floor slab, columns (steel or RCC) and wall surfaces for proper bonding	Note			
	Rate to include cost for all concrete stiffener columns & stiffener beams as per specification	Note			
	Rate shall include to,	Note			
	1. All rough and fair cutting, plumbing angles, normal straight cutting, forming rebated reveals and raking out joints for plastering.				
	2. Forming rough and fair grooves, throats, mortises, chases, rebates and holes, stops and miters.				
	3. Supplying & Fixing				
	<b>Stone Work</b>				
	<u>Random Rubble Masonry Work</u>				
D.01	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>	19.10		
	<b>Block Work</b>				
	All cement and sand concrete blocks shall comply with BS 6073.	Note			
	Characteristic strength of block work shall be 2.5 N/mm <sup>2</sup>	Note			
	Mortar used for block work/ brick work shall be 1:5 cement and sand mixture unless otherwise specified.	Note			
	<u>125mm Concrete Block Work</u>				
D.02	125mm thick 1:4:5 (20mm) Concrete block work in 1:5 cement sand mortar for walls in Building.	m <sup>2</sup>	168.65		
<b>SUB TOTAL FOR MASONRY WORK CARRIED TO SUMMARY</b>				<b>SLRs.</b>	
E	<b><u>WATER PROOFING</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			
	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>				
E.01	Damp proof membrane to horizontal surfaces of floors out of 1000 gauge polythene.	m <sup>2</sup>	154.53		
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		

	SUB TOTAL FOR WATER PROOFING CARRIED TO SUMMARY			SLRs.	
<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	9.00		
	SUB TOTAL FOR METAL WORKS CARRIED TO SUMMARY			SLRs.	
<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.  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 barrel bolts, Castement Stays, Draw rings etc. Rate to include for two coats of Varnish painting after preparation of surface. The Contractor shall submit detailed shop drawings for the approval of the Engineer, 14 days prior to fabrication.  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. No application of any description shall be made on any timber unless and until the timber is approved by the Engineer. 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. Rates shall include for: All labour in framing, jointing and fixing in position complete with all nails, spikes, screws etc. All doors, windows and fanlight shall be fixed complete as per detail drawings. All door frames shall be fixed with spur stone at the foot. All door and window frames shall be fixed to brick walls with M.S. hold fasts. All necessary brass oxidised mongery.  <b>Joinery</b> <b>Doors</b>	Note  Note Note  Note  Note  Note  Note  Note  Note  Note  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	4.00		
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	1.00		
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>	145.00		
<b>SUB TOTAL FOR CEILING WORK CARRIED TO SUMMARY</b>				<b>SLRs.</b>	
<b>J</b>	<b><u>ROOFER AND ROOF PLUMBING</u></b> <b>Roof Covering</b> <b>Tile Roofing</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>	174.38		
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	32.00		
J.04	Supplying and fixing 150x100mm size special upper class timber beam, post as directed by Engineer	Lm	20.00		
J.05	Supplying and fixing of 20mm thick, 225mm timber valance & Barge Fascia board using brass screws and complete with painting	m	43.40		
	<b>Roof Plumbing</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	49.20		
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	33.60		
	<b>SUB TOTAL FOR ROOFER AND ROOF PLUMBING CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>K</b>	<p><b><u>FLOOR, WALL &amp; CEILING FINISHES</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> <ol style="list-style-type: none"> <li>1. Rates shall include for preparation of surfaces for proper bonding.</li> <li>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.,</li> <li>3. Rates shall include for cutting tiles as necessary.</li> <li>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.</li> <li>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.</li> </ol> <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>Note</p> <p>Note</p> <p>Note</p>			

K.01	25mm thick, 1:2 cement sand, cut and polished coloured rendering	m <sup>2</sup>	155.32		
	<b><u>Wall Finishes</u></b>				
	<b><u>External Faces- Plastering</u></b>				
K.02	15mm thick 1:3 cement sand plaster finished smooth with approved coloured cement floating to plinths.	m <sup>2</sup>	19.92		
K.03	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>	72.97		
	<b><u>Internal Work- Plastering</u></b>				
K.04	15mm thick 1:3 cement sand plaster finished smooth to internal faces of walls, Columns and sides of Beams,tanks & Lintel	m <sup>2</sup>	248.13		
K.05	15mm thick 1:3 cement sand plaster finished smooth to soffit of Beams	m <sup>2</sup>	8.10		
	<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>	72.97		
	<b><u>Internal Faces- Walls</u></b>				
L.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,Columns, sides of Lintel and column faces. (Rate shall include for reveals)	m <sup>2</sup>	248.13		
L.03	Prepare and apply one primer coat and two coats of Fungus Resistant emulsion of approved colour and quality to smooth plastered surfaces to soffit of internal faces of beams. (Rate shall include for reveals)	m <sup>2</sup>	8.10		
	<b>SUB TOTAL FOR PAINTER &amp; DECORATOR CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>M</b>	<b><u>PLUMBING AND SANITARY INSTALLATION</u></b>				
	Unplasticized polyvinyl chloride (uPVC) pipes shall be used in the plumbing installation and they must confirm 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			

	<p>(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.</p> <p>(b) Cutting and waste of pipes etc., and joining pipes.</p> <p>(c) All specials such as elbows, bends, tees, junctions, plugs, reducers and similar pipe fittings except for valves which will be measured separately.</p> <p>(d) Connecting pipes to sanitary fixtures and appliances.</p> <p>(e) Casing to brick walls etc. and making good all works disturbed.</p> <p>(f) Necessary screws, nails sockets, connection back nuts standard pipe fixing or supporting clips, saddles, brackets, holder bats, straps etc.</p> <p>(g) Connecting different types of pipes.</p> <p>(h) Testing and disinfection after completion.</p> <p>(i) Submitting shop drawings where necessary.</p> <p>(j) Excavation, backfilling, disposal of surplus soil</p>				
	<p>Rates for sanitary fittings shall include for:-</p> <p>(a) Fittings such as taps, waste water outlet, internal overflows etc. and supporting brackets, incidental materials for fixing.</p> <p>(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 completion.</p> <p>(c) Jointing and connecting pipes to sanitary fittings.</p> <p>(d) Testing and commissioning of the installation.</p> <p>(e) Making good the work disturbed.</p> <p>(f) Submitting samples for the approval of the Engineer.</p> <p>(g) Protecting the works.</p>	Note			
	<p>Rates for drainage work shall include for :-</p> <p>(a) Laying of pipes to falls.</p> <p>(b) Excavation, backfilling, disposal of surplus soil</p> <p>(c) All pipe specials such as bends, junctions, elbows, tees, "Y" junctions, reducers, inspection openings, stop ends, etc.</p> <p>(d) Connection to sides of manholes etc.</p> <p>(e) Providing sleeves etc., when pipes pass through walls, foundations etc.</p> <p>(f) Giving notices, obtaining permits, paying fees, fixing, testing and commissioning etc.</p>	Note			
	<p><b>Water Supply, Wastewater &amp; Drainage Connection</b></p> <p><b>Type 1000 Pipes for Cold Water Supply</b></p>				
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		45.00	
M.04	Supply and lay/Fix 50 mm dia Type 1000 PVC Pipe with specials	m		55.00	
	<p><b>Valves for Water Supply Lines</b></p> <p>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.</p>	Note			
M.05	25 mm diameter valve	Nr		2.00	

M.06	40 mm diameter valve	Nr	3.00		
M.07	50 mm diameter valve	Nr	2.00		
M.08	Supplying and fixing Electric Water Pump and Construction of Pump Room as per Drawing. Pump with motor of 1 HP (Jinasena or equivalent), 1 1/2" x 1 1/2" , single phase on cement concrete bed 600 x 450 x 150mm in 1:2:4 (20mm) mix with 04 Nos 3/8" x 6" rag bolt & nuts, rendered in cement mortar 1:2 including foot valve & starter switch complete in working order.	Nr	1.00		
M.09	Supplying and installation of 1000 litre capacity plastishell overhead water tank with Steel Framework and 6m high Steel Tower as per Drawings. Rate shall include for reinforcement for the footing base concrete T 10@ 150 mm and for column 4T 12 @ R6 150mm including form work.	Nr	1.00		
	<b>Type 600 uPVC pipe for Waste Water Lines</b>				
M.10	50 mm diameter	m	10.00		
M.11	63 mm diameter	m	12.00		
	<b>Valves for Waste Water Outlet</b>				
	Supplying and fixing of approved quality Brass <b>stop valves</b> including all necessary fixtures.Valves shall be of Pegler or equivalent Brands.	Note			
M.12	50 mm diameter valve	Nr	1.00		
	<b>Waste Water Catch Pits</b>				
M.13	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.14	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>	
N	<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.	Note  Note			

	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.	Note			
	Rate Shall include for submission of As-built drawings on completion of the contract (03 sets)	Note			
	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.	Note			
	All the quantities given here are approximated values and Quantities may change with the actual installation at the site.	Note			
	All types of fittings, materials, painting and finishes shall be approved by the Engineer prior to installation.	Note			
	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.	Note			
	Electrical Coduits, which are laid along Earth should be securely protected by PVC conduits. Earth shall be backfilled properly.	Note			
	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.	Note			
	<b>Single phase Consumer units</b>				
N.01	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. 01 No. 40A, 2-pole MCB 6kA 01 Nos. 40A 2-pole RCCB, 30mA sensitivity 7 - 9 No. 6-32A, 1-pole MCB 6kA Earth Bar All internal connections. Equipment to be to the BS and European/Japanese make	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>
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		
	<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>Prov. Sum</b>	<b>30,000.00</b>
	<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 mm <sup>2</sup> , Cu/PVC/PVC cable & 2.5 mm <sup>2</sup> earth wire drawn through securely fixed concealed PVC conduits	Nr	6.00		
	<b><u>Socket Outlets</u></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 2.5mm <sup>2</sup> Cu/PVC/PVC, 2C cable & 2.5mm <sup>2</sup> earth cable drawn through securely fixed concealed PVC conduit	Nr	1.00		
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 mm <sup>2</sup> earth wire & all other material required ) of above socket outlet using approved type 1.0mm <sup>2</sup> Cu/PVC/PVC cable drawn through securely fixed concealed PVC conduits	Nr	4.00		
	<b><u>Light Fitting</u></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 mm <sup>2</sup> copper cable and 1mm <sup>2</sup> Cu/PVC earth drawn through securely fixed concealed PVC conduit	Nr	14.00		
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 mm <sup>2</sup> copper cable and 1mm <sup>2</sup> Cu/PVC earth drawn through securely fixed concealed PVC conduit	Nr	4.00		
	<b><u>Main Earthing System</u></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 MULTI-PURPOSE CENTRE FOR KANKESANTHURAI SOUTH AT TELLIPALAI DS  
DIVISION IN JAFFNA**

**PRICED 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 Hard 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>	2.50		
	<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			

	Rate for formwork shall include for all necessary boarding, supports, erecting, framing, cutting angles, cleaning, apply approved foam oil, wetting before placing concrete, removal etc.	Note			
	Formwork is measured as the net contact surface measurement between formwork and concrete.	Note			
	All reinforcement shall be as per relevant British Standards having minimum characteristic strength of 460 N/mm <sup>2</sup> for ribbed tor steel and 250 N/mm <sup>2</sup> for mild steel.	Note			
	Rate for reinforcement shall include for supplying, cleaning, cutting, bending, fabricating, binding, placing in position, binding wires, ties, supporting bars, spaces, chairs, wastage etc.	Note			
	<b>1 :3 :6 (25mm) Volumed Batched Concrete</b>				
C.01	75mm thick Screed concrete under Wall & Column	m <sup>2</sup>	4.50		
	<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>	2.25		
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 & reinforcement ( 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			
	<b>Stone Work</b> <u>Random Rubble Masonry Work</u>				
D.01	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			
	<u>100mm Concrete Block Work</u>				
D.02	100mm thick 1:4:5 (20mm) Concrete block work in 1:5 cement sand mortar for walls in Building.	m <sup>2</sup>	32.00		
<b>SUB TOTAL FOR MASONRY WORK CARRIED TO SUMMARY</b>				<b>SLRs.</b>	
<b>E</b>	<b><u>ASPHALT WORK</u></b> <b>Damp Proofing</b>				

E.01	20mm thick 1:2 cement : sand DPC and finished with two coats of hot tar blinded with coarse sand.	m <sup>2</sup>	4.50		
	<b>SUB TOTAL FOR ASPHALT WORK CARRIED TO SUMMARY</b>			<b>SLRs.</b>	
<b>F</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 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  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 naint including nrenparation 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>	
<b>G</b>	<b><u>ROOFER AND ROOF PLUMBING</u></b> <b><u>Roof Covering</u></b> <b>Metal Roofing</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	Note			

	Wood preservative should be applied to timber frame work	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 x50mm beares max 1000 mm c/c for Toilet as shown in Drawing rate shall include with timber frame work.Solignam 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.	Note Note Note Note			
	<b><u>Floor Finishes</u></b>				
	<b><u>Rendering</u></b>				
H.01	20mm thick 1:3 cement sand rendering including neat coloured cement floating to Floors of Building.	m <sup>2</sup>	2.50		
	<b><u>Tiling to Floors</u></b>				
H.02	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	m <sup>2</sup>	6.00		
	<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.	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>	35.00		

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	m <sup>2</sup>	15.00		
	<b><u>Wall Tiling</u></b> 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>	
<b>J</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. 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>	35.00		
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>	16.50		
<b>SUB TOTAL FOR PAINTER &amp; DECORATOR CARRIED TO SUMMARY</b>				<b>SLRs.</b>	



	(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	<b>Provisional Sum</b> for Supply and fixing of complete set of horizontal and vertical grab-rails in disabled toilet with all required accessories.	Allow		<b>Pro. Sum</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	6.00		
	<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		
	<b>Sewer Manholes</b>				
K.12	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 <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>			SLRs.	
L	<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 approved by the Engineer prior to installation. 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. Electrical Coduits, which are laid along Earth should be securely protected by PVC conduits. Earth shall be backfilled properly. 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.	Note  Note  Note  Note  Note  Note  Note  Note  Note			

	<b><u>Light Fitting</u></b>				
	Samples should be provided prior to the installation for electrical engineer's approval. Guarantee cards should be provided for CFL bulbs.	Note			
L.01	Supply and installation of Pendant 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 mm <sup>2</sup> copper cable and 1mm <sup>2</sup> 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 mm <sup>2</sup> copper cable and 1mm <sup>2</sup> 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 MULTI-PURPOSE CENTRE FOR KANKESANTHURAI SOUTH AT TELLIPALAI DS  
DIVISION IN JAFFNA**

**PRICED BILLS OF QUANTITIES  
BILL NO. 04- EXTERNAL SERVICE**

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4.01	<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		
4.02	<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 ( 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 MULTI PURPOSE CENTER FOR KANKESANTHURAI  
SOUTH AT TELLIPALAI DS DIVISION IN JAFFNA**

**CLIENT:**  
**DIVISIONAL SECRETARY -THELLIPALAI**

**FUNDING:**



**UNITED NATIONS DEVELOPMENT PROGRAMME**

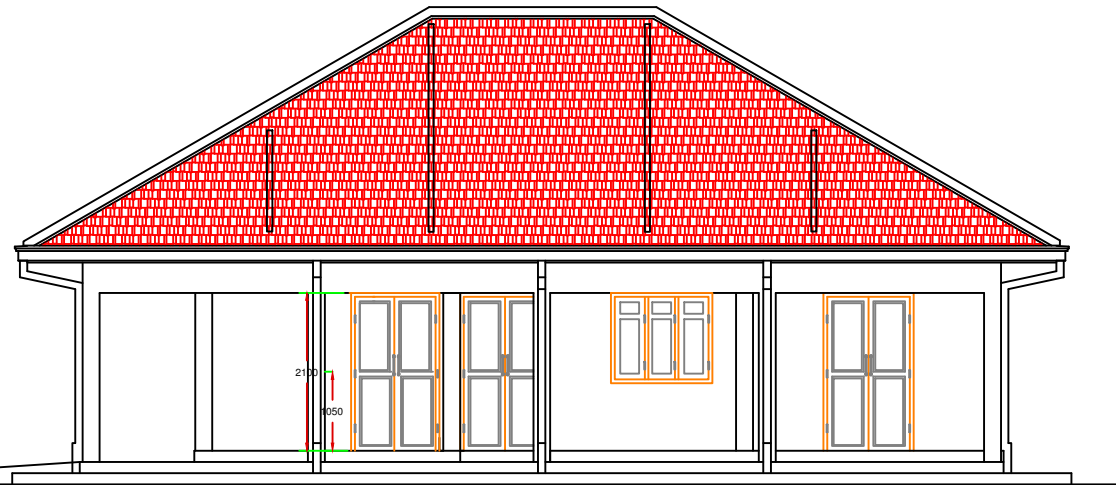
**CONSULTANTS:**



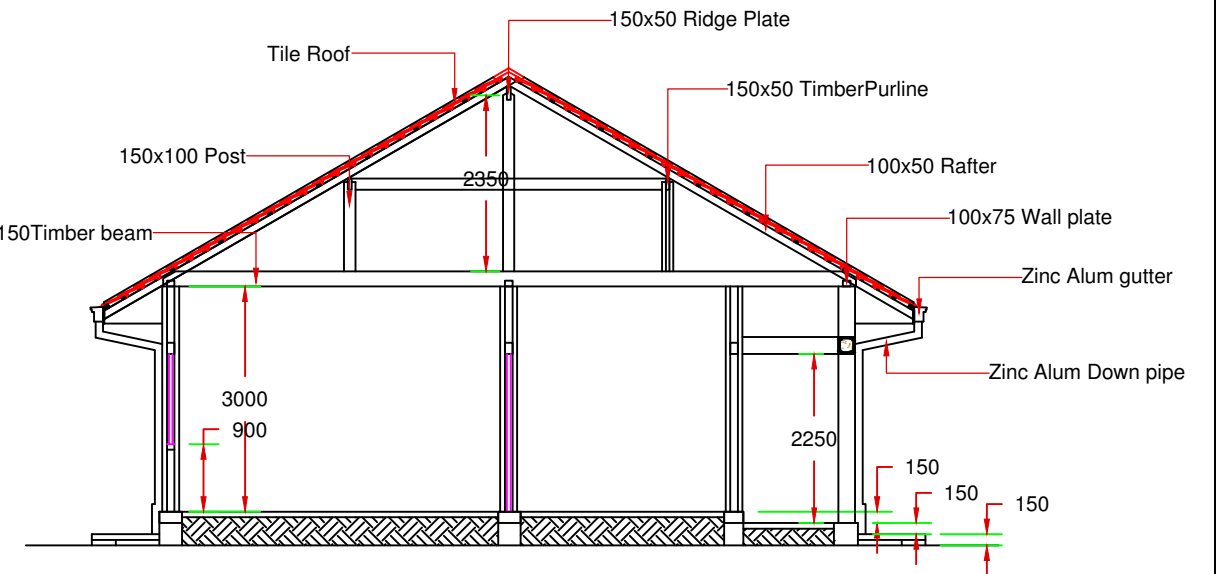
**RESOURCES DEVELOPMENT CONSULTANTS (PVT) LTD.**

## LIST OF DRAWINGS

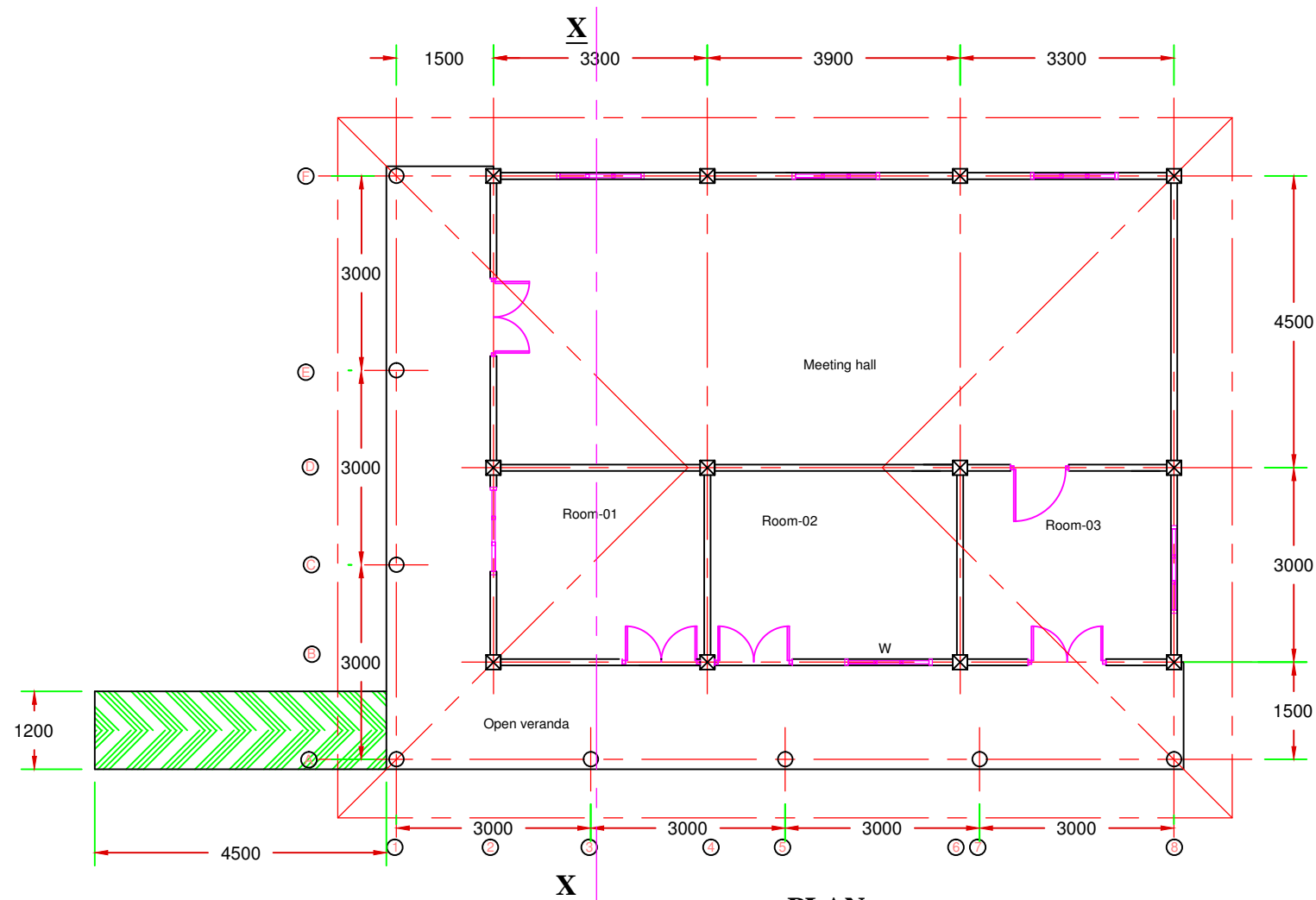
- |  |                             |
|--|-----------------------------|
| 1. SITE LAYOUT                                     | - UNDP/JAF/KKS/MULT/LAY/001 |
| 2. KEY PLAN  | - UNDP/JAF/KKS/MULT/AR/001  |
| 3. DETAIL OF DOORS & WINDOWS                       | - UNDP/JAF/KKS/MULT/AR/002  |
| 4. LAYOUT & DETAIL OF WALL FOUNDATION              | - UNDP/JAF/KKS/MULT/SD/001  |
| 5. LAYOUT & DETAIL OF COLUMN AND COLUMN FOUNDATION | - UNDP/JAF/KKS/MULT/SD/002  |
| 6. LAYOUT & DETAIL OF LINTEL AND BEAM              | - UNDP/JAF/KKS/MULT/SD/003  |
| 7. DETAIL OF ROOF FRAME                            | - UNDP/JAF/KKS/MULT/SD/004  |
| 8. DETAIL OF TOILET                                | - UNDP/JAF/KKS/MULT/SD/005  |
| 9. DETAIL OF SOAKAGE PIT CUM SEPTIC TANK           | - UNDP/JAF/KKS/MULT/PLU/001 |
| 10. DETAIL OF WATER TANK                           | - UNDP/JAF/KKS/MULT/PLU/002 |
| 13. DETAIL OF ELECTRICAL FLOOR LAYOUT              | - UNDP/JAF/KKS/MULT/ELE/001 |
| 14.DETAIL OF FENCE & GATE                          | - UNDP/JAF/KKS/MULT/EXT/001 |
| 15.DETAIL OF PUMP ROOM                             | - UNDP/JAF/KKS/MULT/EXT/002 |



**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



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## CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR KANKESANTHURAI SOUTH AT TELLIPALAI DS DIVISION IN JAFFNA



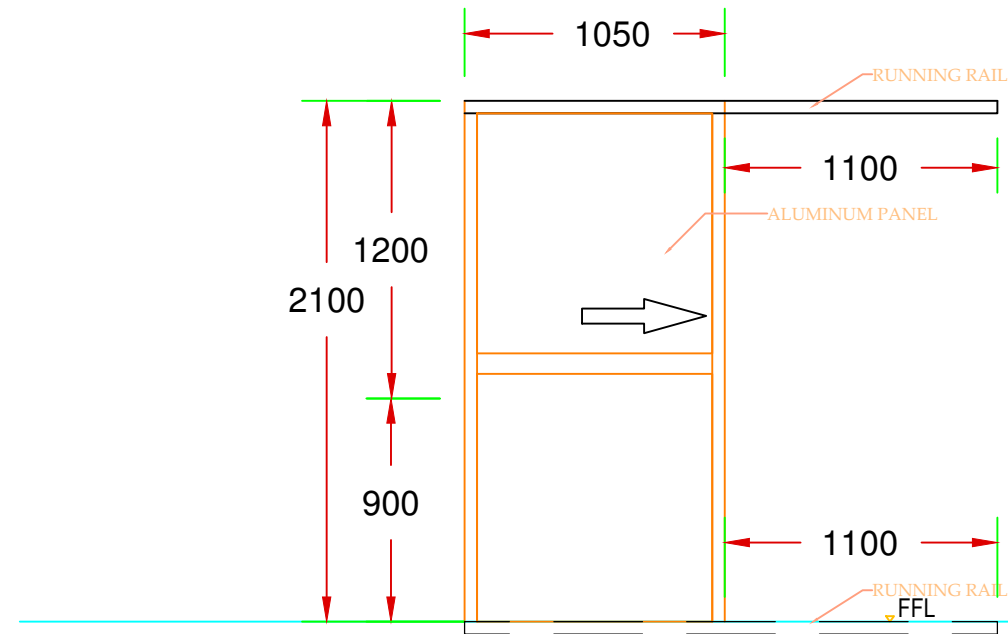
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No: 55-2/1, Galle Road,  
Colombo - 03

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CHECKED	V.B		
DATE	29.06.2017		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/KKS/MULT/AR/001	REV. NO	

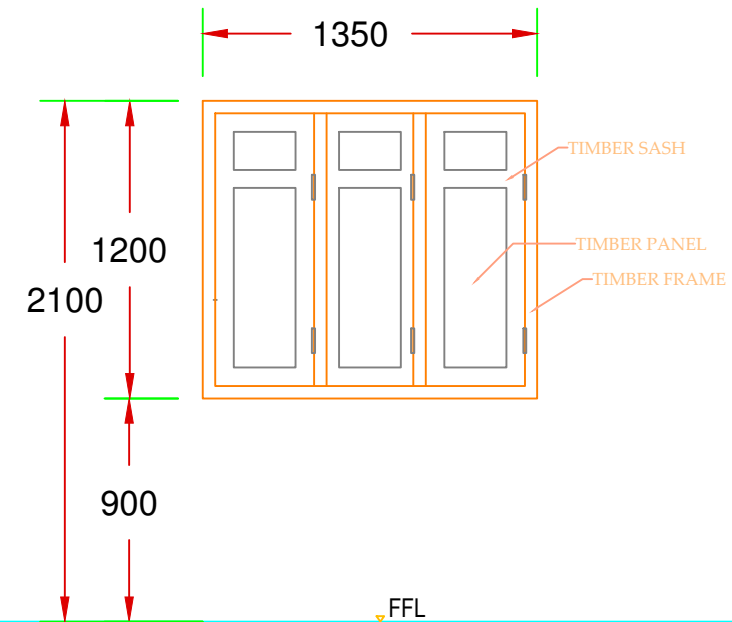


**D1**  
Fully Timber Paneled Door

**D2**  
Fully Timber Paneled Door



**SD**  
Aluminum Sliding Door



**W1**  
Fully Timber Paneled Window



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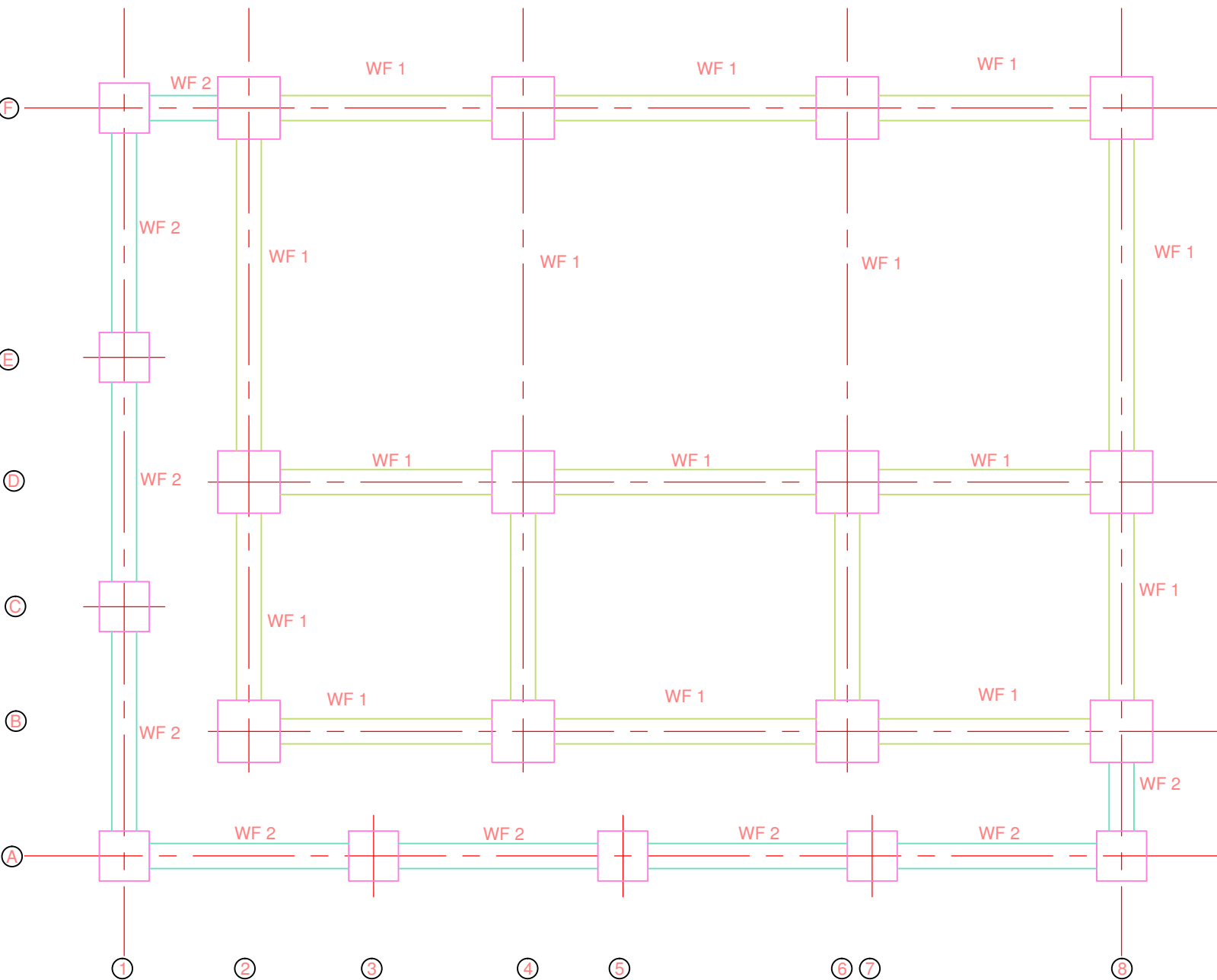
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## CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR KANKESANTHURAI SOUTH AT TELLIPALAI DS DIVISION IN JAFFNA

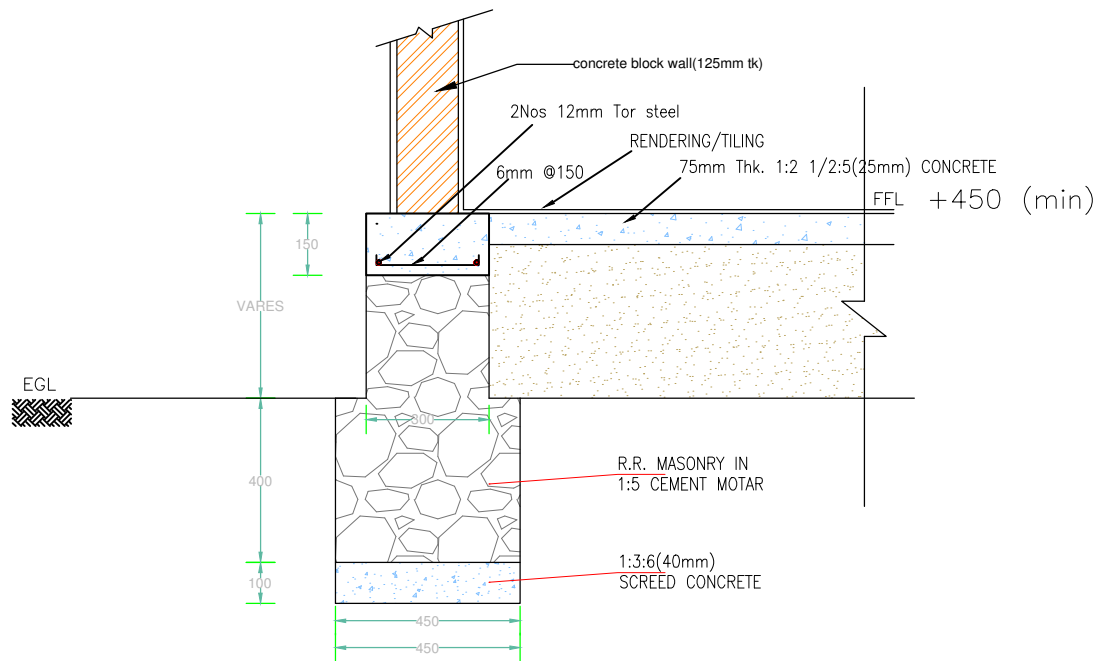


**RESOURCES DEVELOPMENT  
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No: 55-2/1, Galle Road,  
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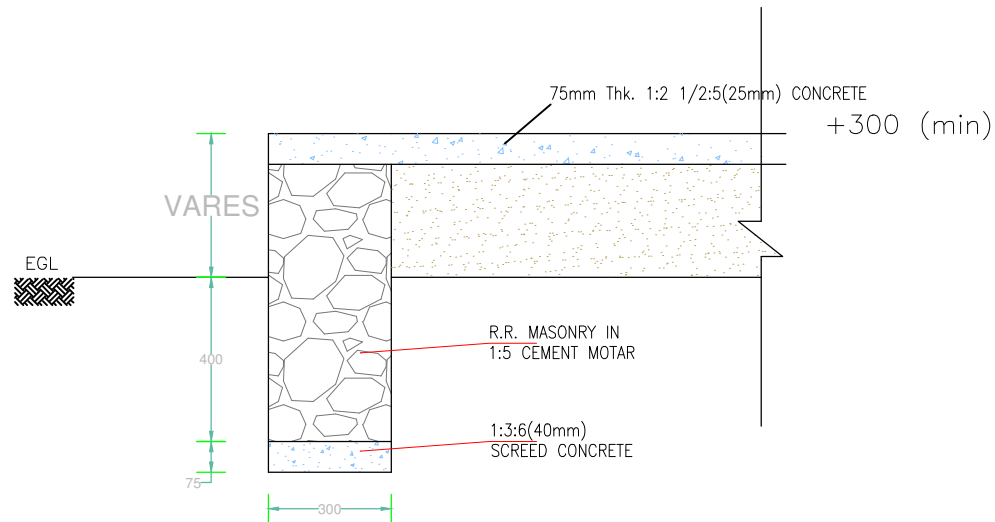
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CHECKED	V.B		
DATE	29.06.2017		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/KKS/MULT/AR/002	REV. NO	



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



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PROJECT REF. No:JAF/RNRA/101335/001/07

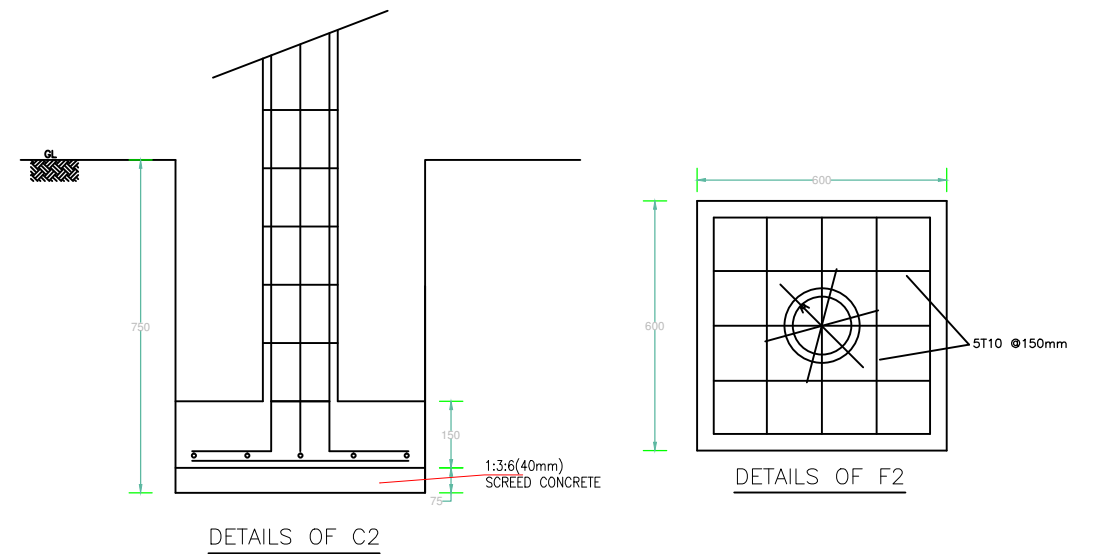
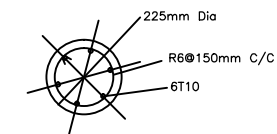
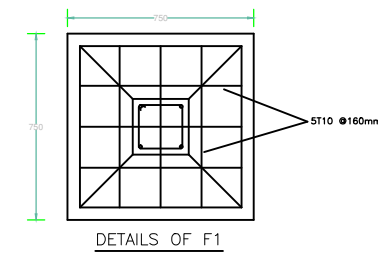
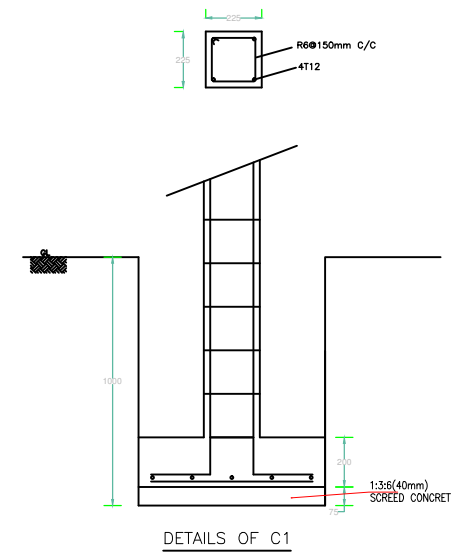
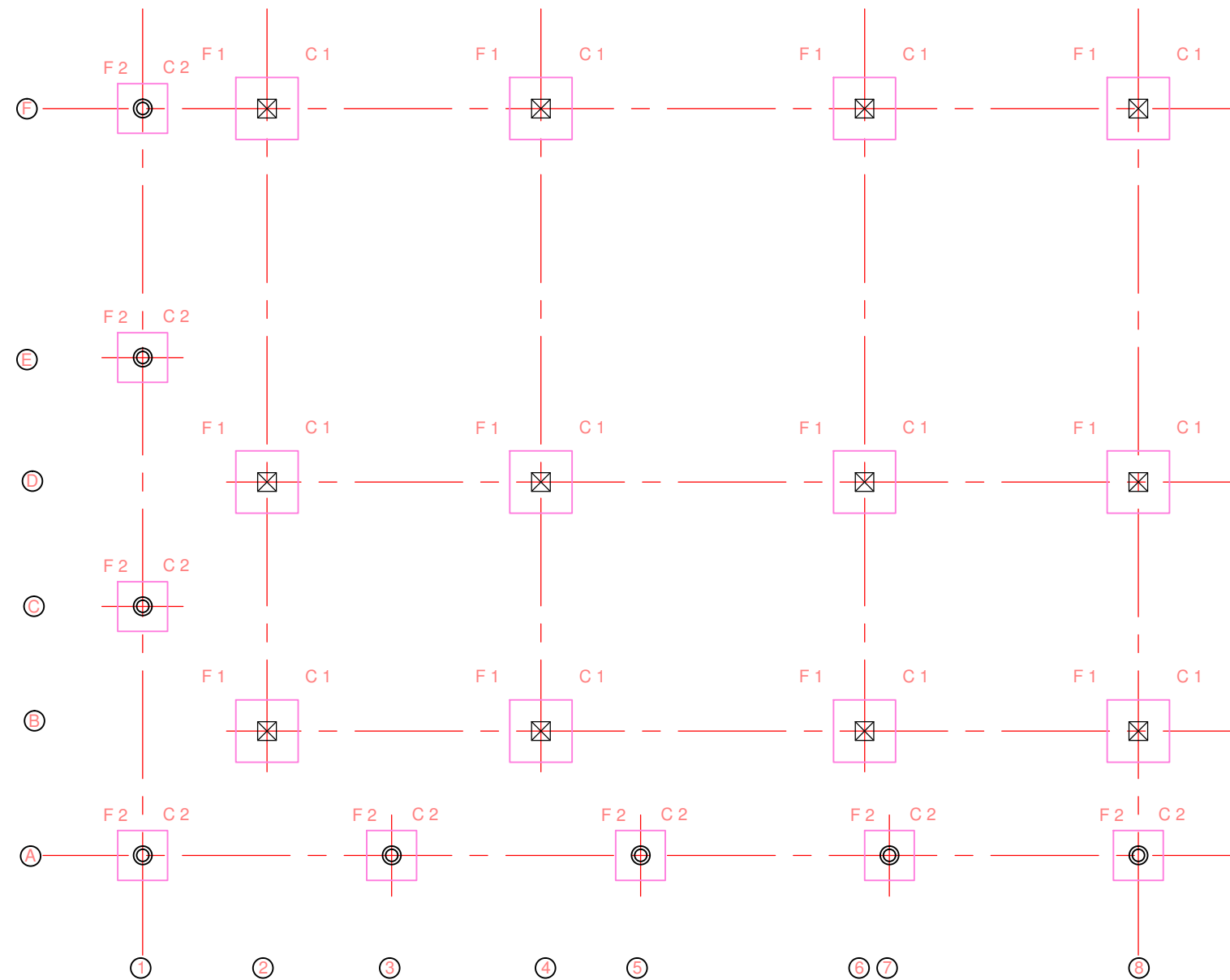
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## CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR KANKESANTHURAI SOUTH AT TELLIPALAI DS DIVISION IN JAFFNA



**RESOURCES DEVELOPMENT  
CONSULTANTS (PVT) LTD,**  
No: 55-2/1, Galle Road,  
Colombo - 03

DRAWING TITLE		Layout & details of Wall foundation	
DRAWN	A.B		
CHECKED	V.B		
DATE	29.06.2017		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/KKS/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



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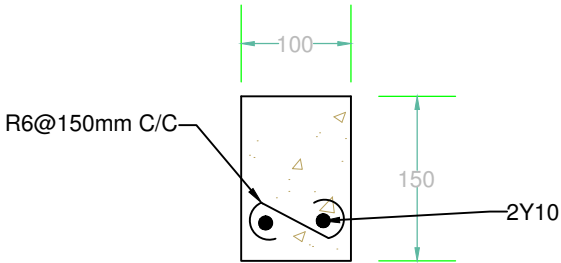
## CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR KANKESANTHURAI SOUTH AT TELLIPALAI DS DIVISION IN JAFFNA



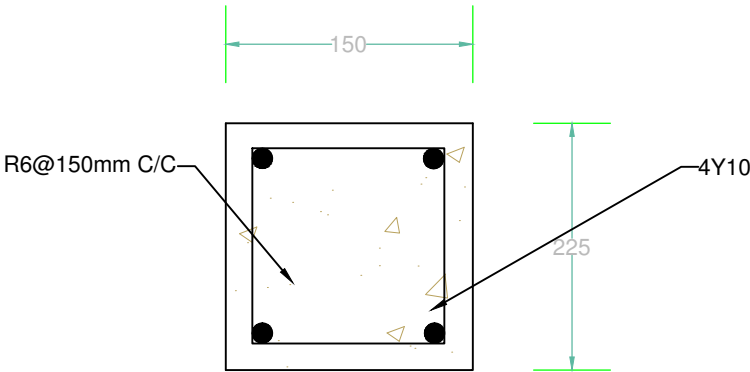
**RESOURCES DEVELOPMENT  
CONSULTANTS (PVT) LTD,**  
No: 55-2/1, Galle Road,  
Colombo - 03

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CHECKED		V.B	
DATE		29.06.2017	
SCALE		N.T.S.	
DRAWING NO		UNDP/JAF/KKS/MULT/SD/002	REV. NO

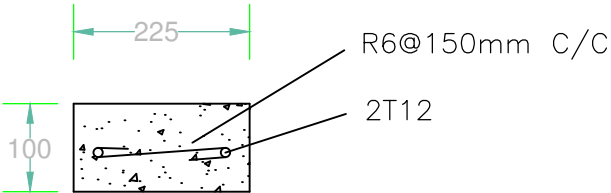
- 1. Structural Concrete Grade  
20(20) N/mm<sup>2</sup>
- 2. Minimum Concrete cover  
Thickness 20mm
- 3. All dimensions in mm
- 4. For elevation refer Architectural  
Drawing



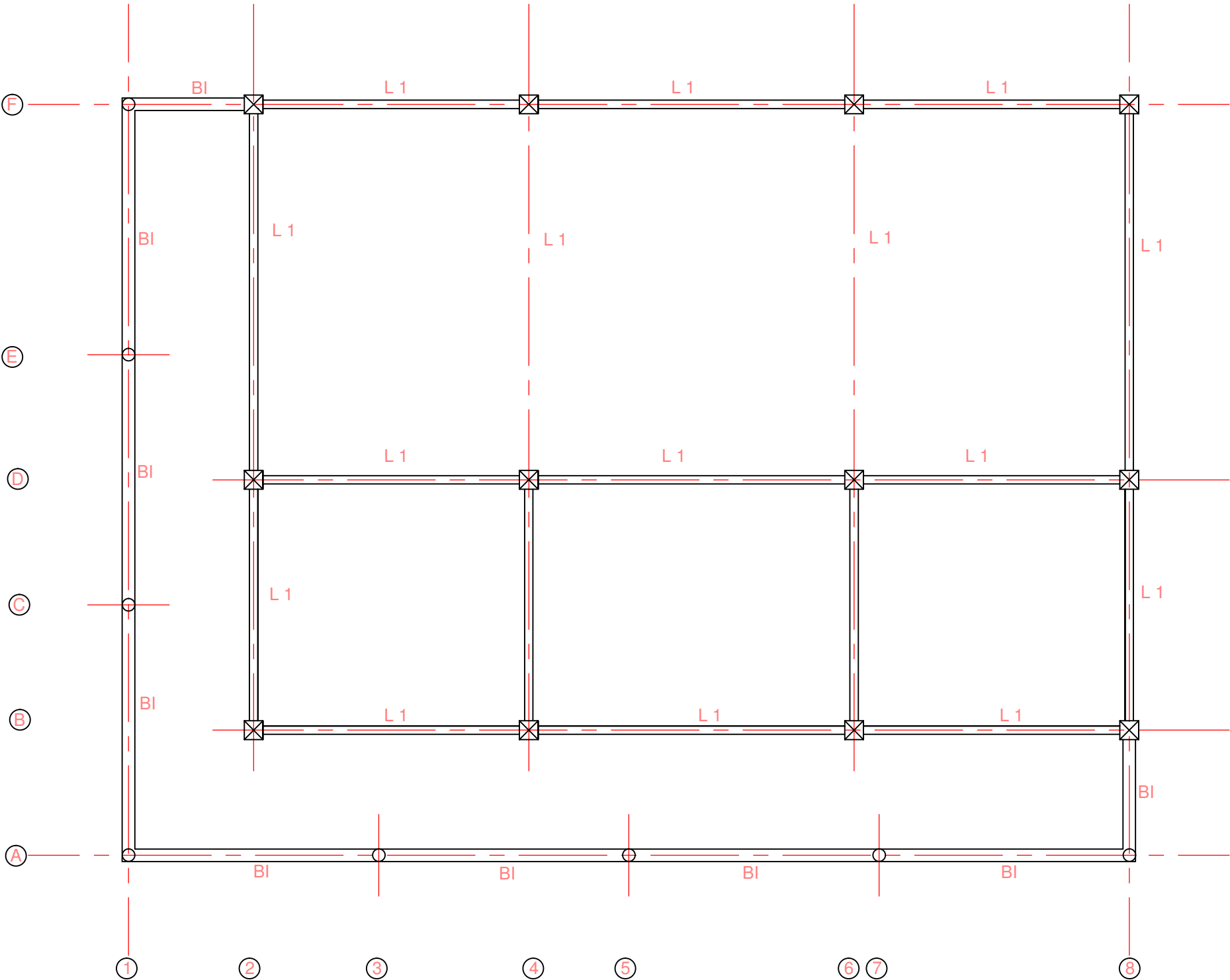
DETAILS OF LINTEL L1

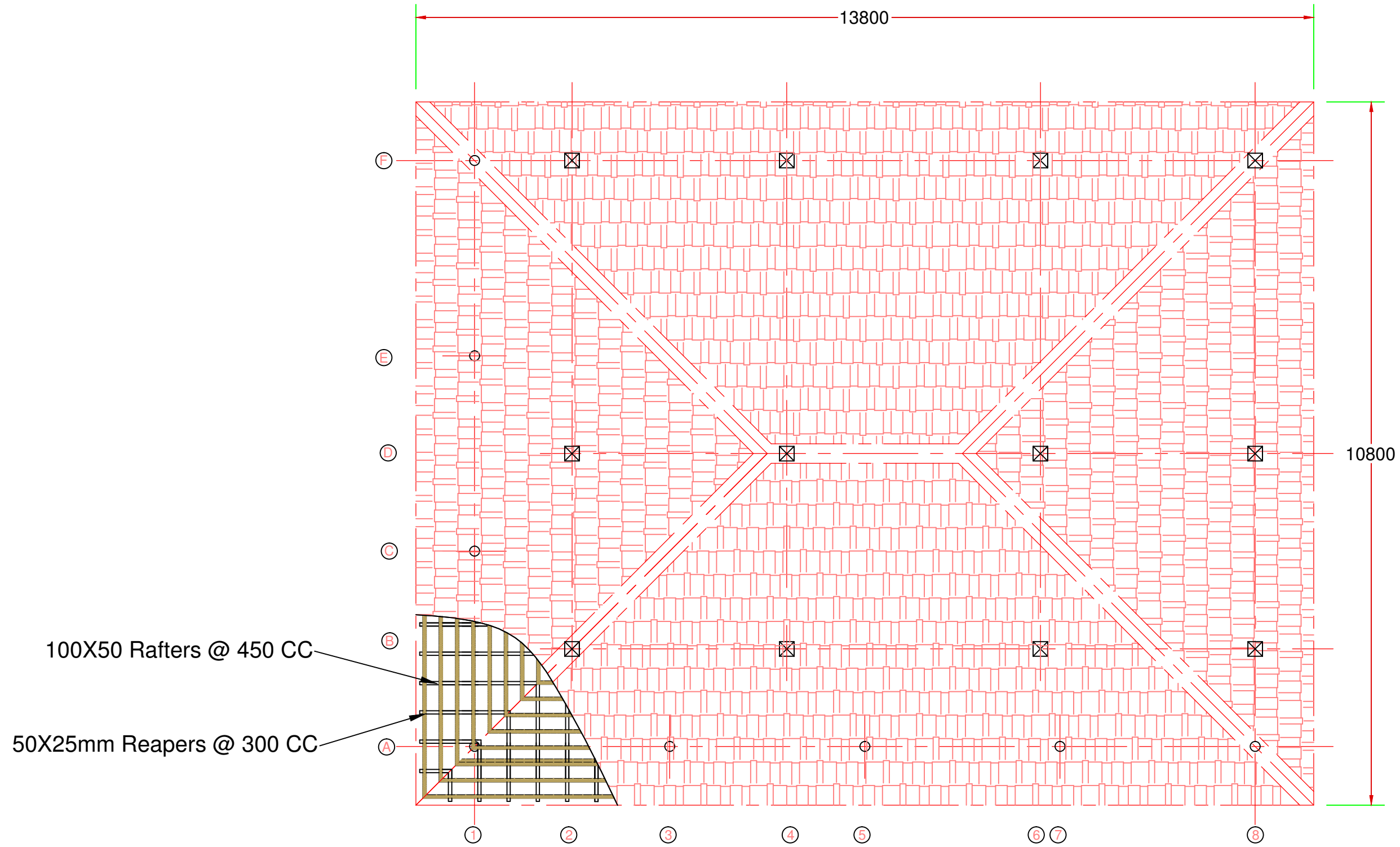


DETAILS OF BEAM B1



DETAILS OF S1





**ROOF PLAN**



**UNITED NATIONS  
DEVELOPMENT PROGRAMME**

PROJECT REF. No:JAF/RNRA/101335/001/07

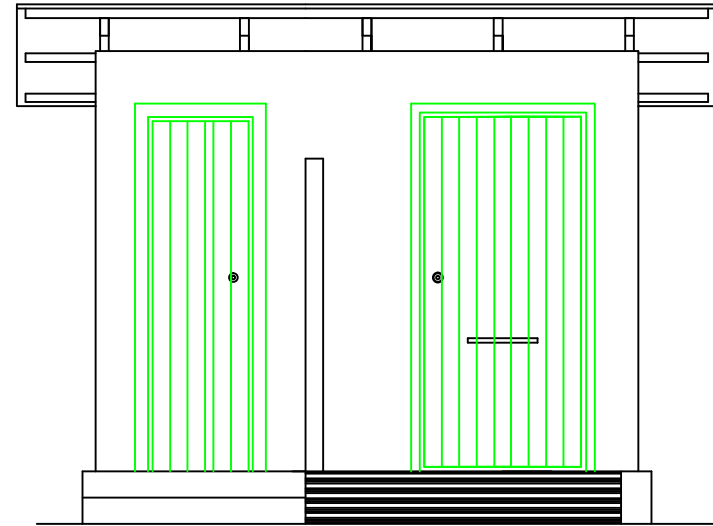
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**CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR  
KANKESANTHURAI SOUTH AT TELLIPALAI DS  
DIVISION IN JAFFNA**

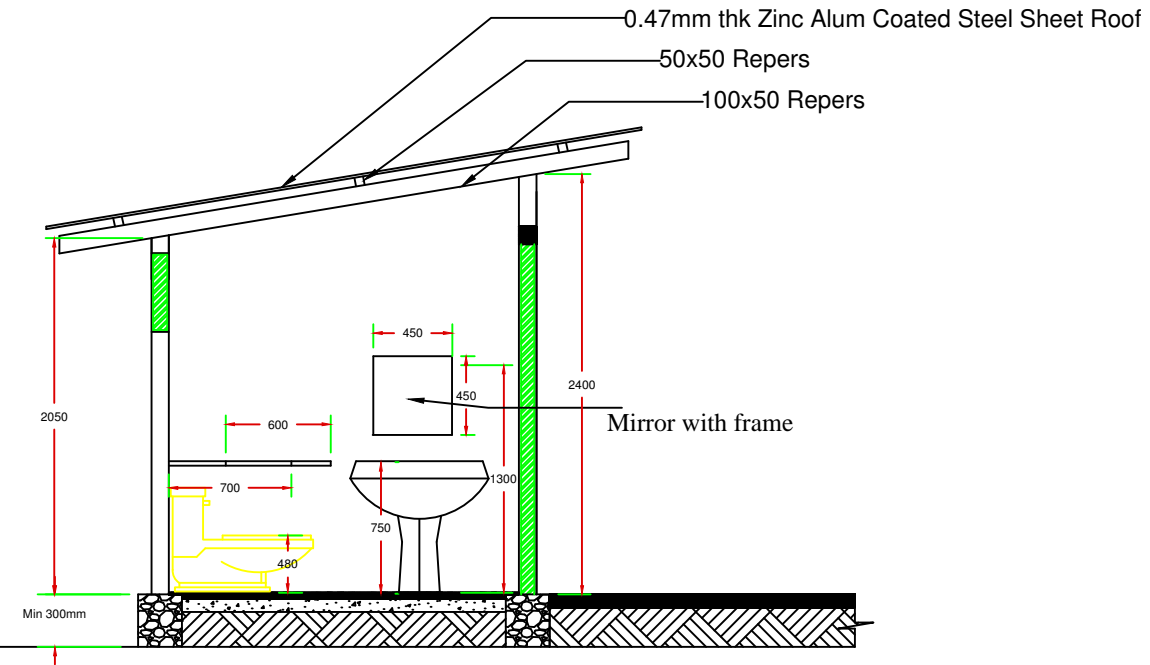


**RESOURCES DEVELOPMENT  
CONSULTANTS (PVT) LTD,**  
No: 55-2/1, Galle Road,  
Colombo - 03

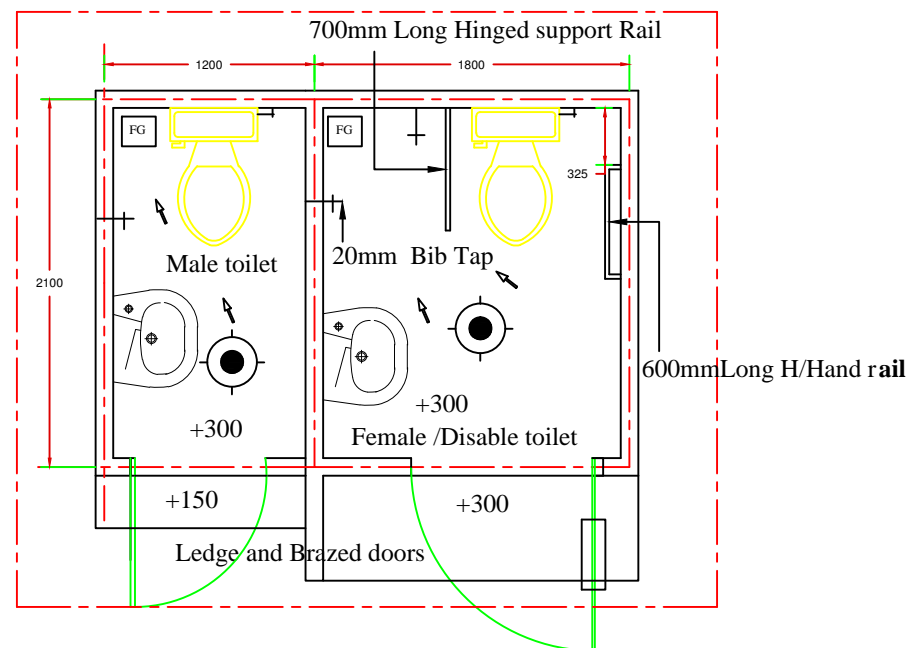
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CHECKED	V.B		
DATE	29.06.2017		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/KKS/MULT/SD/004	REV. NO	



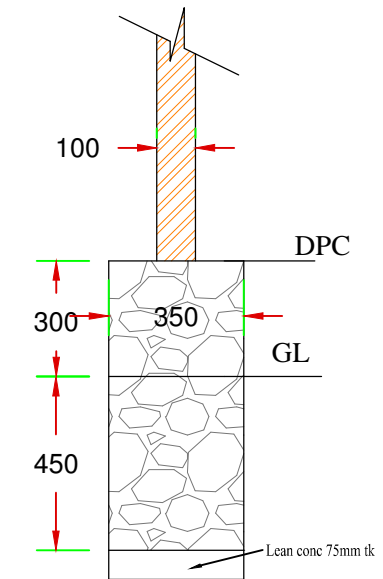
**FRONT ELEVATION**



**SECTION ON X-X**



**PLAN**



**FOUNDATION SECTION**



**UNITED NATIONS  
DEVELOPMENT PROGRAMME**

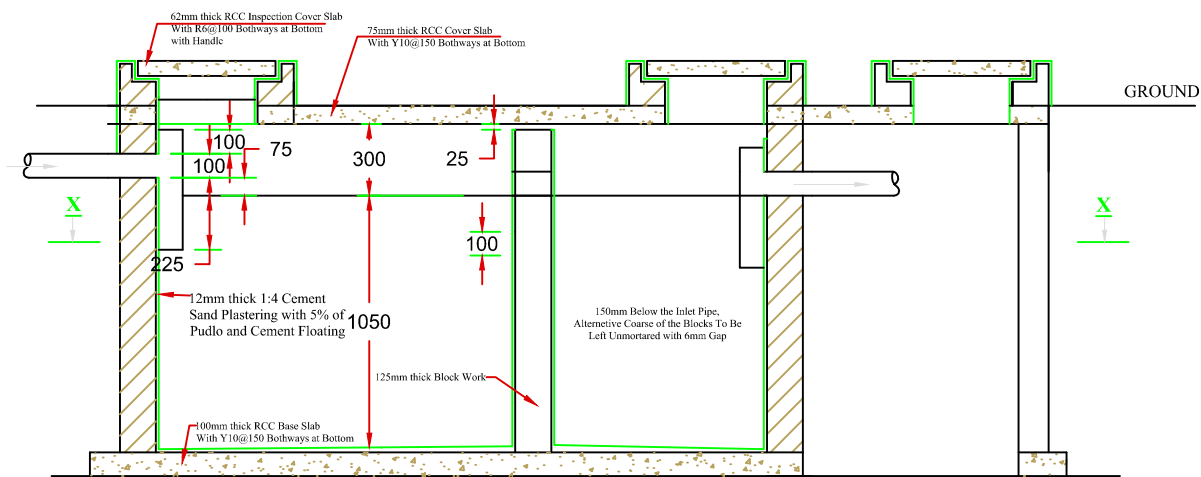
PROJECT REF. No:JAF/RNRA/101335/001/07

**CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR  
KANKESANTHURAI SOUTH AT TELLIPALAI DS  
DIVISION IN JAFFNA**

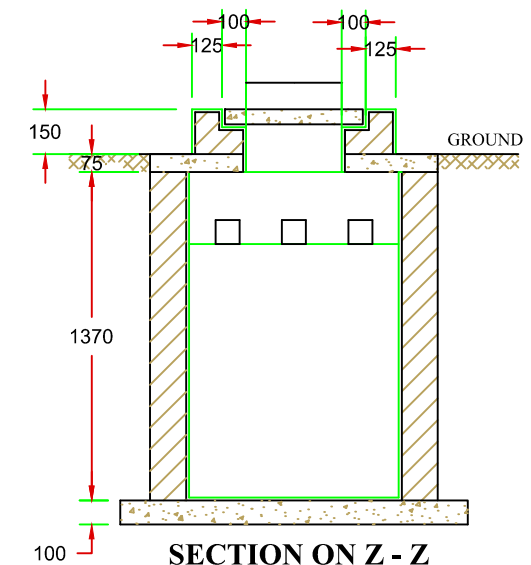


**RESOURCES DEVELOPMENT  
CONSULTANTS (PVT) LTD,**  
No: 55-2/1, Galle Road,  
Colombo - 03

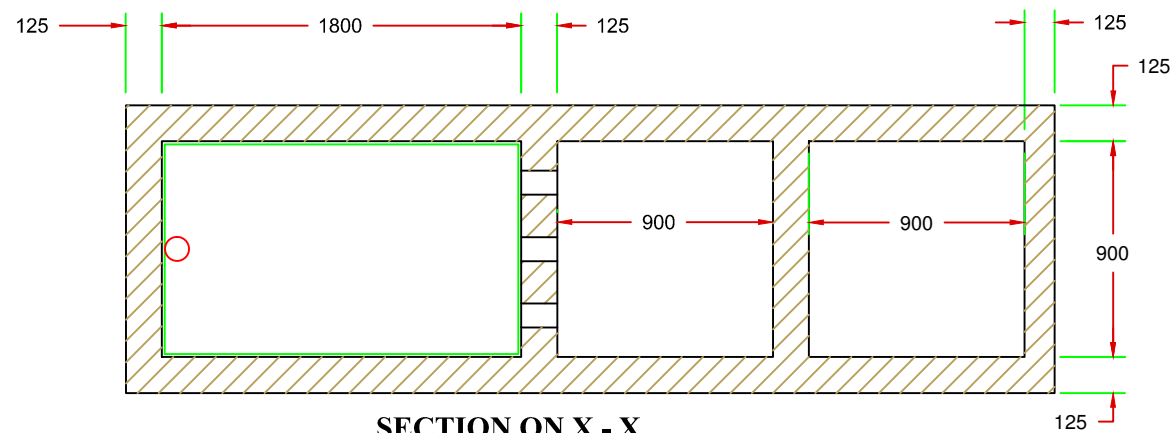
DRAWING TITLE	Details of Toilet		
DRAWN	A.B		
CHECKED	V.B		
DATE	29.06.2017		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/KKS/MULT/SD/005	REV. NO	



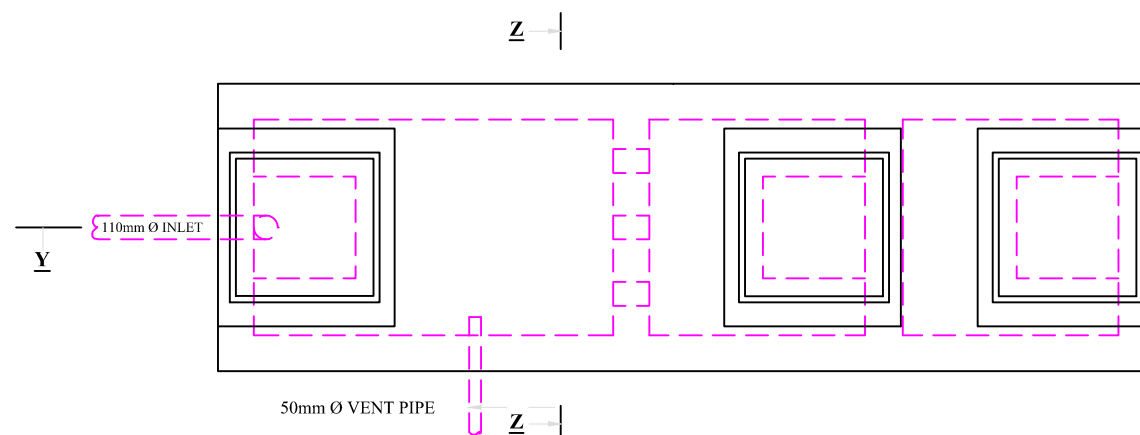
**SECTION ON Y - Y**



**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/101335/001/07

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**CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR  
KANKESANTHURAI SOUTH AT TELLIPALAI DS  
DIVISION IN JAFFNA**

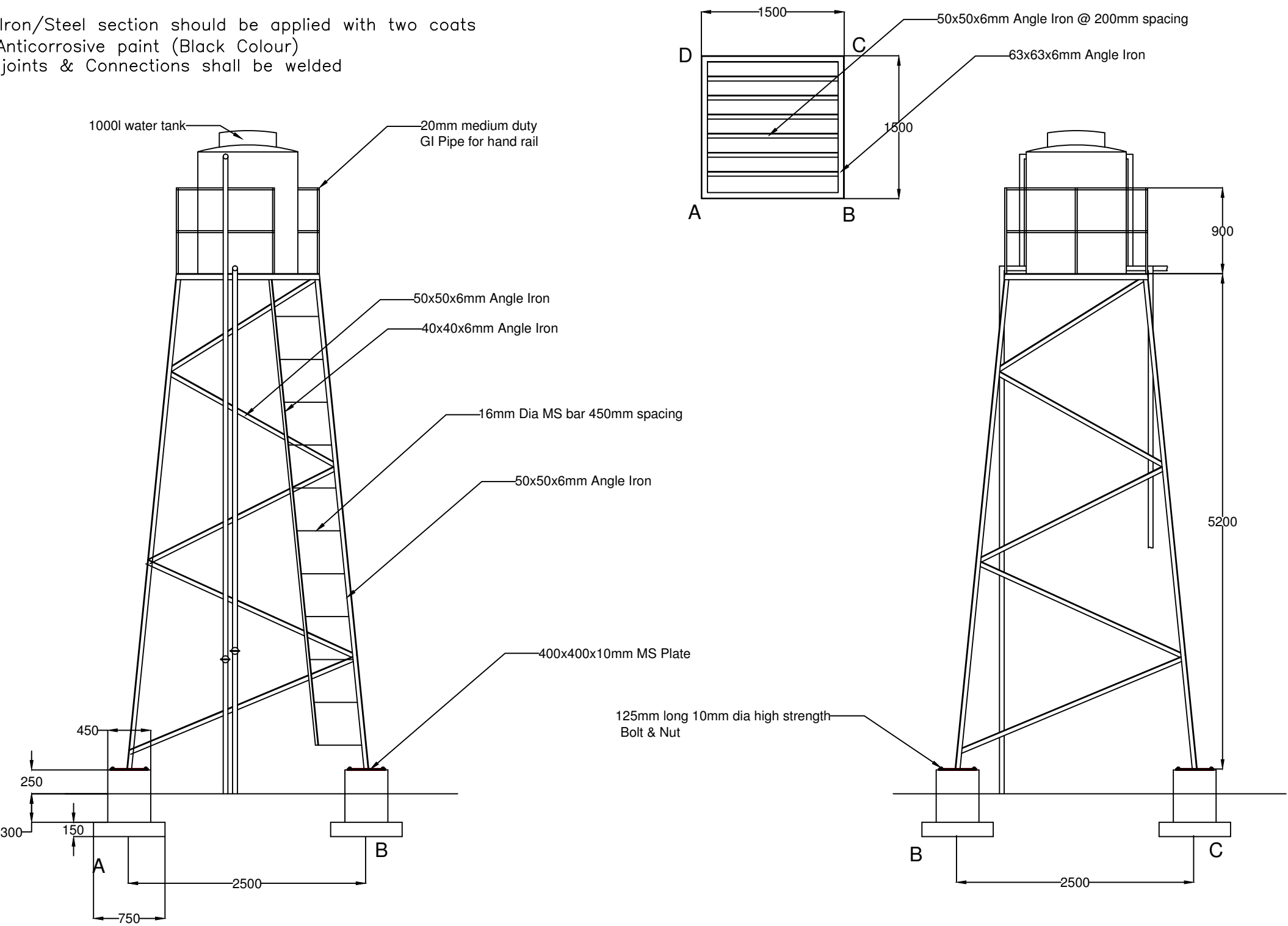


**RESOURCES DEVELOPMENT  
CONSULTANTS (PVT) LTD,**  
No: 55-2/1, Galle Road,  
Colombo - 03

DRAWING TITLE	Details of Septic tank & Soakage pit		
DRAWN	A.B		
CHECKED	V.B		
DATE	29.06.2017		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/KKS/MULT/PLU/001	REV. NO	

Note:—

- 1.All Iron/Steel section should be applied with two coats of Anticorrosive paint (Black Colour)
- 2.All joints & Connections shall be welded



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**CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR  
KANKESANTHURAI SOUTH AT TELLIPALAI DS  
DIVISION IN JAFFNA**



**RESOURCES DEVELOPMENT  
CONSULTANTS (PVT) LTD,**  
No: 55-2/1, Galle Road,  
Colombo - 03

DRAWING TITLE Details of Water tank stand

DRAWN A.B

CHECKED V.B

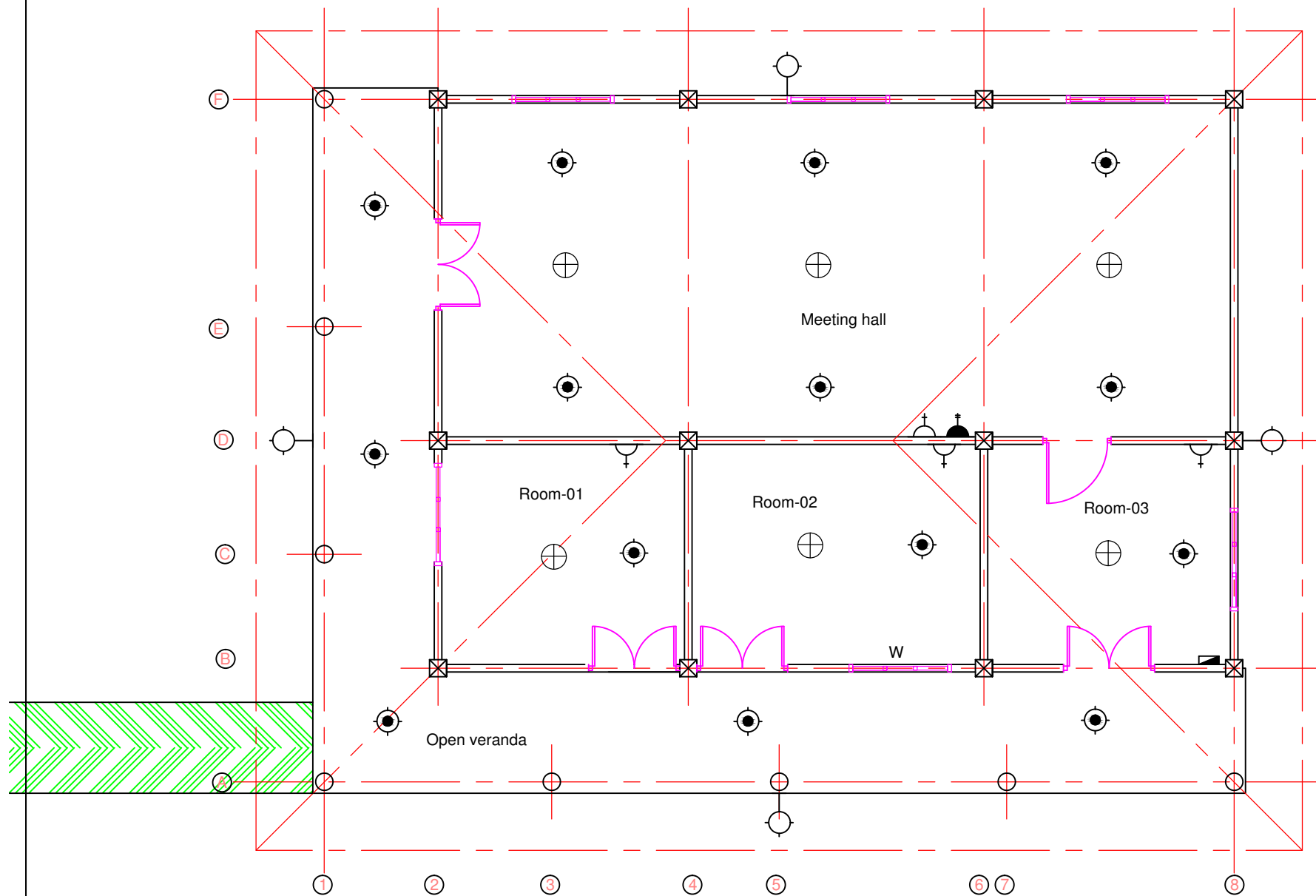
DATE 29.06.2017

SCALE N.T.S.

DRAWING NO

UNDP/JAF/KKS/MULT/PLU/002

REV. NO



**ELECTRICAL FLOOR PLAN**

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



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PROJECT REF. No:JAF/RNRA/101335/001/07

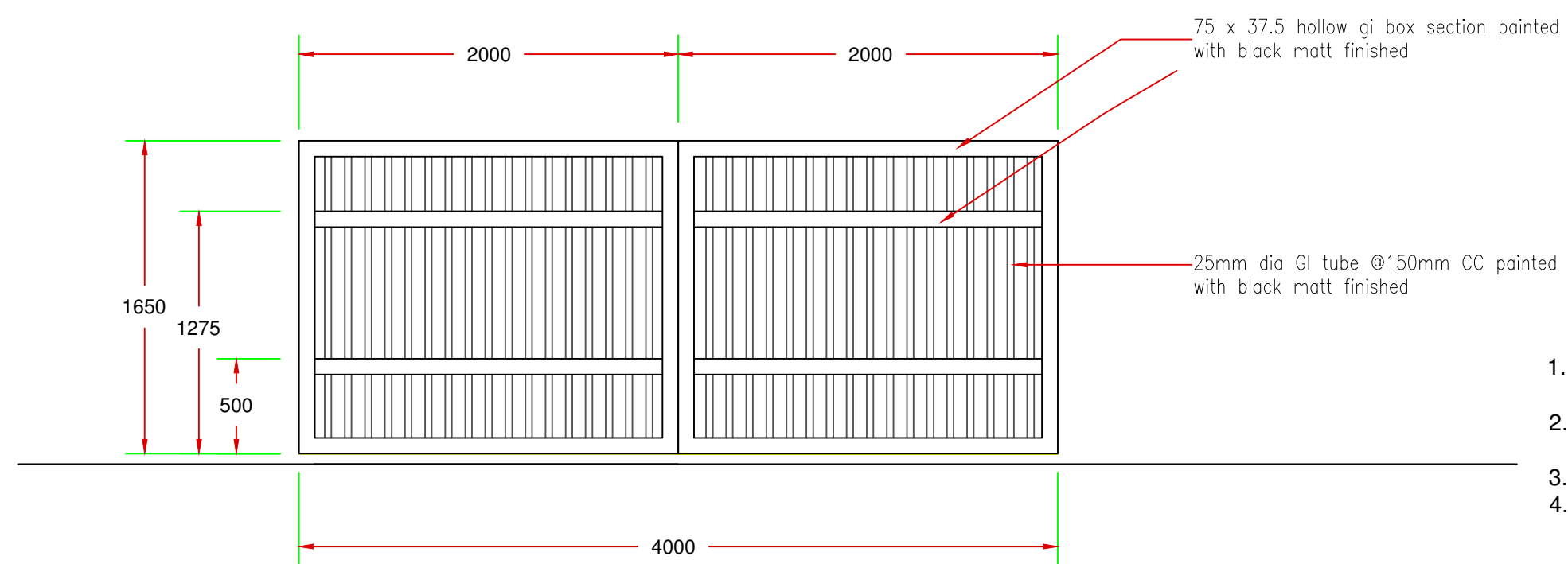
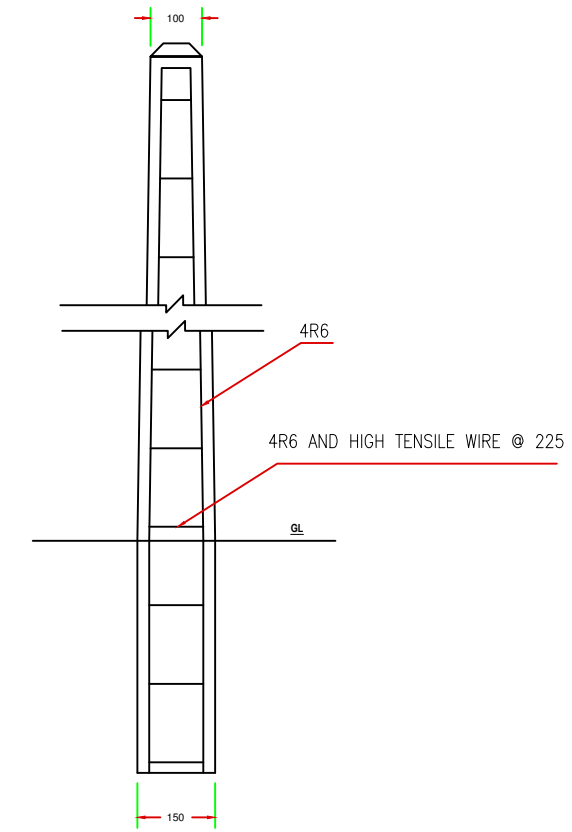
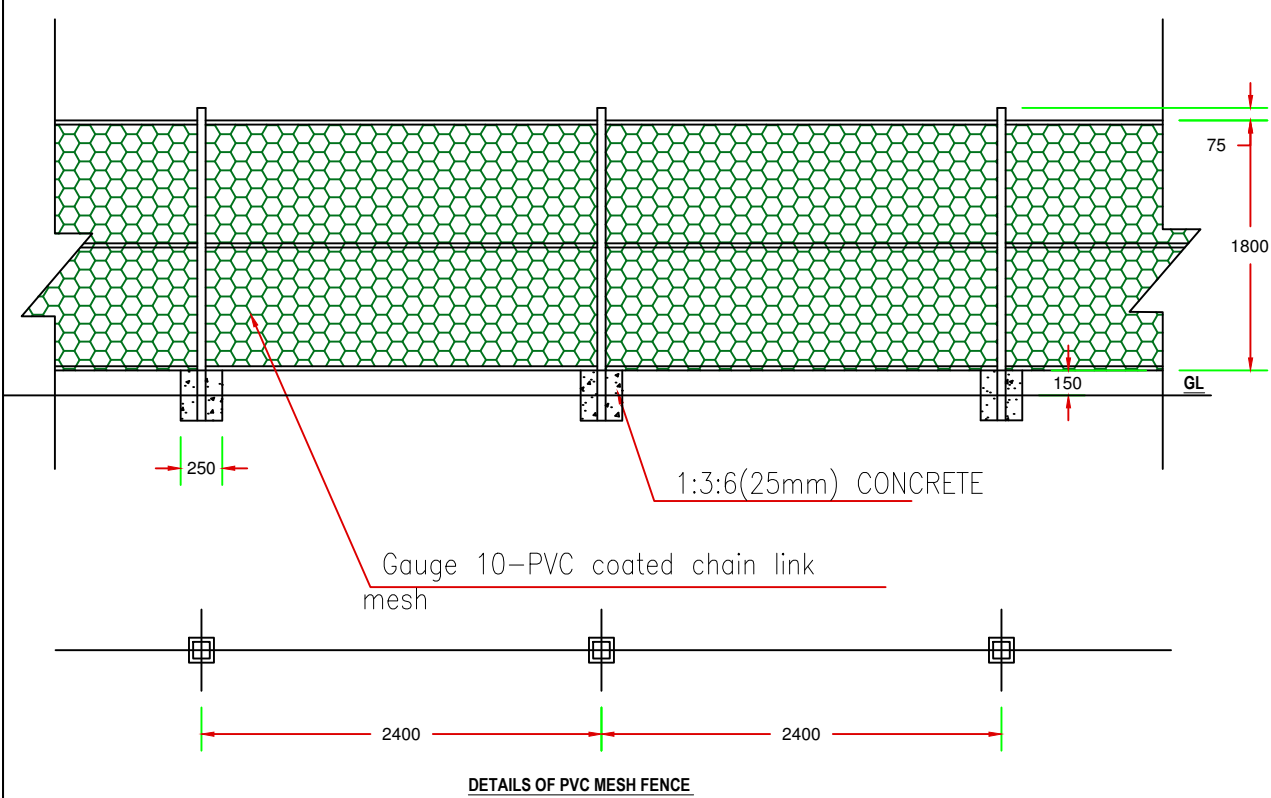
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**CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR  
KANKESANTHURAI SOUTH AT TELLIPALAI DS  
DIVISION IN JAFFNA**



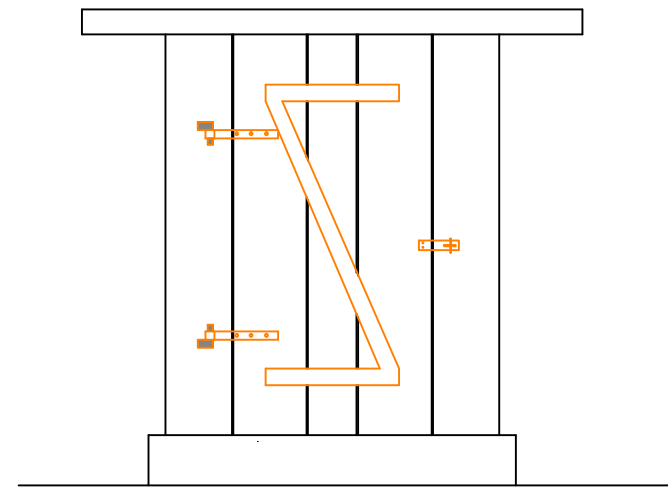
**RESOURCES DEVELOPMENT  
CONSULTANTS (PVT) LTD,**  
No: 55-2/1, Galle Road,  
Colombo - 03

DRAWING TITLE	Detail Electrical floor layout		
DRAWN	A.B		
CHECKED	V.B		
DATE	29.06.2017		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/KKS/MULT/ELE/001	REV. NO	

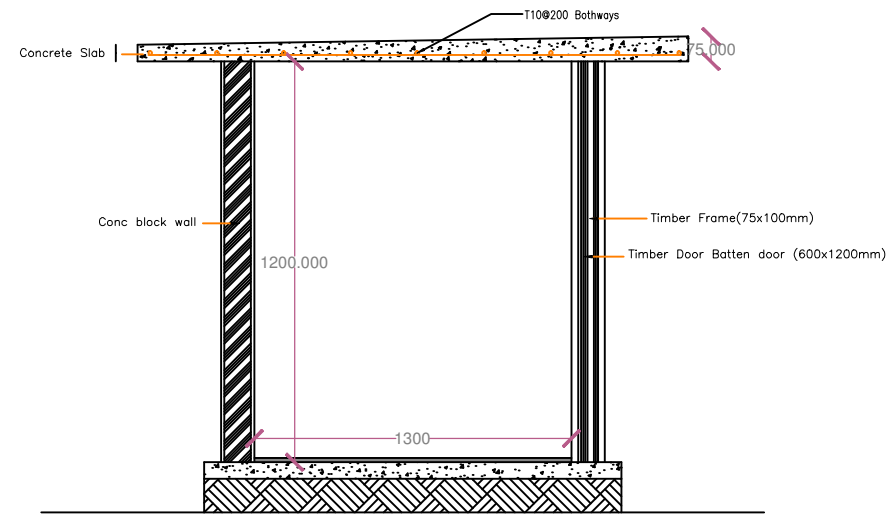


1. Structural Concrete Grade 20(20) N/mm<sup>2</sup>
2. Minimum Concrete cover Thickness 20mm
3. All dimensions in mm
4. For elevation refer Architectural Drawing

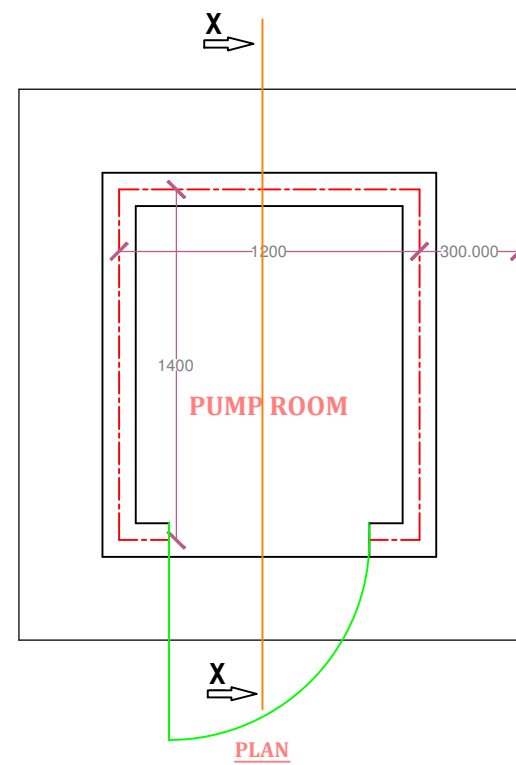
DRAWING TITLE	Details of Fence and Gate		
DRAWN	A.B		
CHECKED	V.B		
DATE	29.06.2017		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/KKS/MULT/EXT/001	REV. NO	



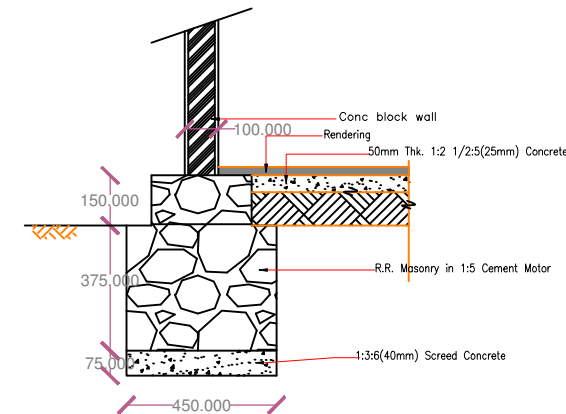
FRONT ELEVATION



SECTION ON X-X



PLAN



FOUNDATION DETAILS

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**

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## CONSTRUCTION OF MULTI-PURPOSE CENTRE FOR KANKESANTHURAI SOUTH AT TELLIPALAI DS DIVISION IN JAFFNA



**RESOURCES DEVELOPMENT  
CONSULTANTS (PVT) LTD,**  
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Colombo - 03

DRAWING TITLE	Details of Pump Room		
DRAWN	A.B		
CHECKED	V.B		
DATE	29.06.2017		
SCALE	N.T.S.		
DRAWING NO	UNDP/JAF/KKS/MULT/EXT/002	REV. NO	