

**DEMOCRATIC SOCIALIST REPUBLIC OF
SRI LANKA**



UNIVERSITY OF JAFFNA, SRI LANKA

**SUPPLY AND INSTALLATION OF IT EQUIPMENT TO THE
UNIVERSITY OF JAFFNA**

UJ/F/NCB/01/2018

BIDDING DOCUMENT

Bid Opening on	10.12.2018
Bid Validity up to	10.03.2019

A handwritten signature in blue ink is positioned above the printed name and title of the Senior Assistant Bursar (Supplies) at the University of Jaffna.
Senior Assistant Bursar (Supplies)
University of Jaffna
Jaffna

Client

University of Jaffna,
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Section I.

Instructions to Bidders (ITB)

ITB shall be read in conjunction with the Section II, Bidding Data Sheet (BDS), which shall take precedence over ITB.

General	
1. Scope of Bid	<p>1.1 The Purchaser indicated in the Bidding Data Sheet (BDS), issues these Bidding Documents for the supply of Goods and Related Services incidental thereto as specified in Section V, Schedule of Requirements. The name and identification number of this procurement are specified in the BDS. The name, identification, and number of lots (individual contracts), if any, are provided in the BDS.</p> <p>1.2 Throughout these Bidding Documents:</p> <p>(a) the term “in writing” means communicated in written form by mail (other than electronic mail) or hand delivered with proof of receipt;</p> <p>(b) if the context so requires, “singular” means “plural” and vice versa; and</p> <p>(c) “Day” means calendar day.</p>
2. Source of Funds	<p>2.1 Payments under this contract will be financed by the source specified in the BDS.</p>
3. Ethics, Fraud and Corruption	<p>3.1 The attention of the bidders is drawn to the following guidelines of the Procurement Guidelines published by National Procurement Agency:</p> <ul style="list-style-type: none"> ▪ Parties associated with Procurement Actions, namely, suppliers/contractors and officials shall ensure that they maintain strict confidentiality throughout the process; ▪ Officials shall refrain from receiving any personal gain from any Procurement Action. No gifts or inducement shall be accepted. Suppliers/contractors are liable to be disqualified from the bidding process if found offering any gift or inducement which may have an effect of influencing a decision or impairing the objectivity of an official. <p>3.2 The Purchaser requires the bidders, suppliers, contractors, and consultants to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy:</p> <p>(a) “corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;</p> <p>(b) “fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;</p>

	<p>(c) “collusive practice” means a scheme or arrangement between two or more bidders, with or without the knowledge of the Purchaser to establish bid prices at artificial, noncompetitive levels; and</p> <p>(d) “Coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.</p> <p>3.3 If the Purchaser found any unethical practices as stipulated under ITB Clause 3.2, the Purchaser will reject a bid, if it is found that a Bidder directly or through an agent, engaged in corrupt, fraudulent, collusive or coercive practices in competing for the Contract in question.</p>
<p>4. Eligible Bidders</p>	<p>4.1 All bidders shall possess legal rights to supply the Goods under this contract.</p> <p>4.2 A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:</p> <p>(a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under these Bidding Documents; or</p> <p>(b) Submit more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid.</p> <p>4.3 A Bidder that is under a declaration of ineligibility by the National Procurement Agency (NPA), at the date of submission of bids or at the date of contract award, shall be disqualified. The list of debarred firms is available at the website of NPA, www.npa.gov.lk.</p> <p>4.4 Foreign Bidder may submit a bid only if so stated in the BDS.</p>
<p>5. Eligible Goods and Related Services</p>	<p>5.1 All goods supplied under this contract shall be complied with applicable standards stipulated by the Sri Lanka Standards Institute (SLSI). In the absence of such standards, the Goods supplied shall be complied to other internationally accepted standards.</p>
<p>Contents of Bidding Documents</p>	
<p>6. Sections of Bidding Documents</p>	<p>6.1 The Bidding Documents consist of 2 Volumes, which include all the sections indicated below, and should be read in conjunction with any addendum issued in accordance with ITB Clause 8.</p> <p>Volume 1</p> <ul style="list-style-type: none"> • Section I. Instructions to Bidders (ITB) • Section VI. Conditions of Contract (CC) • Section VIII. Contract Forms <p>Volume 2</p> <ul style="list-style-type: none"> • Section II. Bidding Data Sheet (BDS) • Section III. Evaluation and Qualification Criteria • Section IV. Bidding Forms • Section V. Schedule of Requirements

	<ul style="list-style-type: none"> • Section VII. Contract Data • Invitation For Bid <p>6.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.</p>
7. Clarification of Bidding Documents	7.1 A prospective Bidder requiring any clarification of the Bidding Documents including the restrictiveness of specifications shall contact the Purchaser in writing at the Purchaser's address specified in the BDS. The Purchaser will respond in writing to any request for clarification, provided that such request is received no later than ten (10) days prior to the deadline for submission of bids. The purchaser shall forward copies of its response to all those who have purchased the Bidding Documents, including a description of the inquiry but without identifying its source. Should the Purchaser deem it necessary to amend the Bidding Documents as a result of a clarification, it shall do so following the procedure under ITB Clause 8.
8. Amendment of Bidding Documents	<p>8.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.</p> <p>8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have purchased the Bidding Documents.</p> <p>8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the purchaser may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB Sub-Clause 23.2</p>
Preparation of Bids	
9. Cost of Bidding	9.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
10. Language of Bid	10.1 The Bid, as well as all correspondence and documents relating to the Bid (including supporting documents and printed literature) exchanged by the Bidder and the Purchaser, shall be written in English language.
11. Documents Comprising the Bid	<p>11.1 The Bid shall comprise the following:</p> <p>(a) Bid Submission Form and the applicable Price Schedules, in accordance with ITB Clauses 12, 14, and 15;</p> <p>(b) Bid Security or Bid-Securing Declaration, in accordance with ITB Clause 20;</p> <p>(c) documentary evidence in accordance with ITB Clauses 18 and 29, that the Goods and Related Services conform to the Bidding Documents;</p> <p>(d) documentary evidence in accordance with ITB Clause 18 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and</p> <p>(e) Any other document required in the BDS.</p>
12. Bid Submission Form and Price schedules	12.1 The Bidder shall submit the Bid Submission Form using the form furnished in Section IV, Bidding Forms. This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.

13. Alternative Bids	13.1 Alternative bids shall not be considered.
14. Bid Prices and Discounts	<p>14.1 The Bidder shall indicate on the Price Schedule the unit prices and total bid prices of the goods it proposes to supply under the Contract.</p> <p>14.2 Any discount offered against any single item in the price schedule shall be included in the unit price of the item. However, a Bidder wishes to offer discount as a lot the bidder may do so by indicating such amounts appropriately.</p> <p>14.3 If so indicated in ITB Sub-Clause 1.1, bids are being invited for individual contracts (lots) or for any combination of contracts. Unless otherwise indicated in the BDS, prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Bidders wishing to offer any price reduction (discount) for the award of more than one Contract shall specify the applicable price reduction separately.</p> <p>14.4 (i) Prices indicated on the Price Schedule shall include all duties and sales and other taxes already paid or payable by the Supplier:</p> <p>(a) on components and raw material used in the manufacture or assembly of goods quoted; or</p> <p>(b) on the previously imported goods of foreign origin</p> <p>(ii) However, VAT shall not be included in the price but shall be indicated separately;</p> <p>(iii) the price for inland transportation, insurance and other related services to deliver the goods to their final destination;</p> <p>(iv) the price of other incidental services</p> <p>14.5 The Prices quoted by the Bidder shall be fixed during the Bidder's performance of the Contract and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected, pursuant to ITB Clause 31.</p> <p>14.6 All lots, if any and items must be listed and priced separately in the Price Schedules. If a Price Schedule shows items listed but not priced, their prices shall be assumed to be included in the prices of other items.</p>
15. Currencies of Bid	15.1 Unless otherwise stated in Bidding Data Sheet, the Bidder shall quote in Sri Lankan Rupees and payment shall be payable only in Sri Lanka Rupees.
16. Documents Establishing the Eligibility of the Bidder	16.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.
17. Documents Establishing the Conformity of the Goods and Related Services	<p>17.1 To establish the conformity of the Goods and Related Services to the Bidding Documents, the Bidder shall furnish as part of its Bid the documentary evidence that the Goods conform to the technical specifications and standards specified in Section V, Schedule of Requirements.</p> <p>17.2 The documentary evidence may be in the form of literature, drawings or data, and shall consist of a detailed item by item description (given in Section V,</p>

	<p>Technical Specifications) of the essential technical and performance characteristics of the Goods and Related Services, demonstrating substantial responsiveness of the Goods and Related Services to the technical specification, and if applicable, a statement of deviations and exceptions to the provisions of the Schedule of Requirements.</p> <p>17.3 The Bidder shall also furnish a list giving full particulars, including quantities, available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the Goods during the period if specified in the BDS following commencement of the use of the goods by the Purchaser.</p>
<p>18. Documents Establishing the Qualifications of the Bidder</p>	<p>18.1 The documentary evidence of the Bidder's qualifications to perform the contract if its bid is accepted shall establish to the Purchaser's satisfaction:</p> <p>(a) A Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization using the form included in Section IV, Bidding Forms to demonstrate that it has been duly authorized by the manufacturer or producer of the Goods to supply these Goods;</p> <p>(b) that, if required in the BDS, in case of a Bidder not doing business within Sri Lanka, the Bidder is or will be (if awarded the contract) represented by an Agent in Sri Lanka equipped and able to carry out the Supplier's maintenance, repair and spare parts stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and</p> <p>(c) That the Bidder meets each of the qualification criteria specified in Section III, Evaluation and Qualification Criteria.</p>
<p>19. Period of Validity of Bids</p>	<p>19.1 Bids shall remain valid until the date specified in the BDS. A bid valid for a shorter date shall be rejected by the Purchaser as non-responsive.</p> <p>19.2 In exceptional circumstances, prior to the expiration of the bid validity date, the Purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. If a Bid Security is requested in accordance with ITB Clause 20, it shall also be extended for a corresponding period. A Bidder may refuse the request without forfeiting its Bid Security. A Bidder granting the request shall not be required or permitted to modify its bid.</p>
<p>20. Bid Security</p>	<p>20.1 The Bidder shall furnish as part of its bid, a Bid Security as specified in the BDS.</p> <p>20.2 The Bid Security shall be in the amount specified in the BDS and denominated in Sri Lanka Rupees, and shall:</p> <p>(a) at the bidder's option, be in the form of either a bank draft, a letter of credit, or a bank guarantee from a banking institution;</p> <p>(b) be issued by a institution acceptable to Purchaser. The acceptable institutes are published in the NPA website, www.npa.gov.lk.</p> <p>(c) be substantially in accordance with the form included in Section IV, Bidding Forms;</p>

	<p>(d) be payable promptly upon written demand by the Purchaser in case the conditions listed in ITB Clause 20.5 are invoked;</p> <p>(e) be submitted in its original form; copies will not be accepted;</p> <p>(f) Remain valid for the period specified in the BDS.</p> <p>20.3 Any bid not accompanied by a substantially responsive Bid Security in accordance with ITB Sub-Clause 20.1 and 20.2, may be rejected by the Purchaser as non-responsive.</p> <p>20.4 The Bid Security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the Performance Security pursuant to ITB Clause 43.</p> <p>20.5 The Bid Security may be forfeited:</p> <p>(a) if a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Submission Form, except as provided in ITB Sub- Clause 19.2; or</p> <p>(b) if a Bidder does not agreeing to correction of arithmetical errors in pursuant to ITB Sub-Clause 30.3</p> <p>(c) if the successful Bidder fails to:</p> <p>(i) sign the Contract in accordance with ITB Clause 42;</p> <p>(ii) Furnish a Performance Security in accordance with ITB Clause 43.</p>
<p>21. Format and Signing of Bid</p>	<p>21.1 The Bidder shall prepare one original of the documents comprising the bid as described in ITB Clause 11 and clearly mark it as "ORIGINAL." In addition, the Bidder shall submit a copy of the bid and clearly mark it as "COPY." In the event of any discrepancy between the original and the copy, the original shall prevail.</p> <p>21.2 The original and the Copy of the bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder.</p> <p>21.3 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the person signing the Bid.</p>
<p>Submission and Opening of Bids</p>	
<p>22. Submission, Sealing and Marking of Bids</p>	<p>22.1 Bidders may always submit their bids by mail or by hand.</p> <p>(a) Bidders submitting bids by mail or by hand, shall enclose the original and the copy of the Bid in separate sealed envelopes, duly marking the envelopes as "ORIGINAL" and "COPY." These envelopes containing the original and the copy shall then be enclosed in one single envelope.</p> <p>22.2 The inner and outer envelopes shall:</p> <p>(a) Bear the name and address of the Bidder;</p> <p>(b) be addressed to the Purchaser in accordance with ITB Sub-Clause 23.1;</p>

	<p>(c) bear the specific identification of this bidding process as indicated in the BDS; and</p> <p>(d) Bear a warning not to open before the time and date for bid opening, in accordance with ITB Sub-Clause 261. If all envelopes are not sealed and marked as required, the Purchaser will assume no responsibility for the misplacement or premature opening of the bid.</p>
23. Deadline for Submission of Bids	<p>23.1 Bids must be received by the Purchaser at the address and no later than the date and time specified in the BDS.</p> <p>23.2 The Purchaser may, at its discretion, extend the deadline for the submission of bids by amending the Bidding Documents in accordance with ITB Clause 8, in which case all rights and obligations of the Purchaser and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.</p>
24. Late Bids	<p>24.1 The Purchaser shall not consider any bid that arrives after the deadline for submission of bids, in accordance with ITB Clause 23. Any bid received by the Purchaser after the deadline for submission of bids shall be declared late, rejected, and returned unopened to the Bidder.</p>
25. Withdrawal, and Modification of Bids	<p>25.1 A Bidder may withdraw, or modify its Bid after it has been submitted by sending a written notice in accordance with ITB Clause 22, duly signed by an authorized representative, and shall include a copy of the authorization in accordance with ITB Sub-Clause 21.2, (except that no copies of the withdrawal notice are required). The corresponding substitution or modification of the bid must accompany the respective written notice. All notices must be:</p> <p>(a) submitted in accordance with ITB Clauses 21 and 22 (except that withdrawal notices do not require copies), and in addition, the respective envelopes shall be clearly marked “WITHDRAWAL,” or “MODIFICATION;” and</p> <p>(b) Received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB Clause 23.</p> <p>25.2 Bids requested to be withdrawn in accordance with ITB Sub-Clause 25.1 shall be returned to the Bidders only upon notification of contract award to the successful bidder in accordance with sub clause 41.1.</p> <p>25.3 No bid may be withdrawn, substituted, or modified in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Submission Form or any extension thereof.</p>
26. Bid Opening	<p>26.1 The Purchaser shall conduct the bid opening in public at the address, date and time specified in the BDS.</p> <p>26.2 First, envelopes marked “WITHDRAWAL” shall be opened and read out and the envelope with the corresponding bid may be opened at the discretion of the Purchaser. No bid withdrawal shall be permitted unless the corresponding withdrawal notice contains a valid authorization to request the withdrawal and is read out at bid opening. Envelopes marked “MODIFICATION” shall be opened and read out with the corresponding Bid. No Bid modification shall be permitted unless the corresponding modification notice contains a valid authorization to</p>

	<p>request the modification and is read out at Bid opening. Only envelopes that are opened and read out at Bid opening shall be considered further.</p> <p>26.3 All other envelopes shall be opened one at a time, reading out: the name of the Bidder and whether there is a modification; the Bid Prices, including any discounts and alternative offers; the presence of a Bid Security or Bid- Securing Declaration, if required; and any other details as the Purchaser may consider appropriate. Only discounts and alternative offers read out at Bid opening shall be considered for evaluation. No Bid shall be rejected at Bid opening except for late bids, in accordance with ITB Sub Clause 24.1.</p> <p>26.4 The Purchaser shall prepare a record of the Bid opening that shall include, as a minimum: the name of the Bidder and whether there is a withdrawal, or modification; the Bid Price, per lot if applicable, including any discounts, and the presence or absence of a Bid Security. The bids that were opened shall be resealed in separate envelopes, promptly after the bid opening. The Bidders’ representatives who are present shall be requested to sign the attendance sheet. A copy of the record shall be distributed to all Bidders who submitted bids in time.</p>
Evaluation and Comparison of Bids	
27. Confidentiality	<p>27.1 Information relating to the examination, evaluation, comparison, and post-qualification (if applicable) of bids, and recommendation of contract award, shall not be disclosed to bidders or any other persons not officially concerned with such process until publication of the Contract Award.</p> <p>27.2 Any effort by a Bidder to influence the Purchaser in the examination, evaluation, comparison, and post-qualification of the bids or contract award decisions may result in the rejection of its Bid.</p> <p>27.3 Notwithstanding ITB Sub-Clause 27.2, if any Bidder wishes to contact the Purchaser on any matter related to the bidding process, from the time of bid opening to the time of Contract Award, it should do so in writing.</p>
28. Clarification of Bids	<p>28.1 To assist in the examination, evaluation, comparison and post-qualification of the bids, the Purchaser may, at its discretion, request any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder in respect to its Bid and that is not in response to a request by the Purchaser shall not be considered for purpose of evaluation. The Purchaser’s request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the Evaluation of the bids, in accordance with ITB Clause 30.</p>
29. Responsiveness of Bids	<p>29.1 The Purchaser’s determination of a bid’s responsiveness is to be based on the contents of the bid itself.</p> <p>29.2 A substantially responsive Bid is one that conforms to all the terms, conditions, and specifications of the Bidding Documents without material deviation, reservation, or omission. A material deviation, reservation, or omission is one that:</p> <ul style="list-style-type: none"> (a) affects in any substantial way the scope, quality, or performance of the Goods and Related Services specified in the Contract; or (b) limits in any substantial way, inconsistent with the Bidding Documents, the Purchaser’s rights or the Bidder’s obligations under the Contract; or

	<p>(c) If rectified would unfairly affect the competitive position of other bidders presenting substantially responsive bids. 29.3 If a bid is not substantially responsive to the Bidding Documents, it shall be rejected by the Purchaser and may not subsequently be made responsive by the Bidder by correction of the material deviation, reservation, or omission.</p>
<p>30. Nonconformities, Errors and Omissions</p>	<p>30.1 Provided that a Bid is substantially responsive, the Purchaser may waive any non-conformities or omissions in the Bid that do not constitute a material deviation.</p> <p>30.2 Provided that a bid is substantially responsive, the Purchaser may request that the Bidder 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.</p> <p>30.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:</p> <p>(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 the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected;</p> <p>(b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and</p> <p>(c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.</p> <p>30.4 If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid- Securing Declaration shall be executed.</p>
<p>31. Preliminary Examination of Bids</p>	<p>31.1 The Purchaser shall examine the bids to confirm that all documents and technical documentation requested in ITB Clause 11 have been provided, and to determine the completeness of each document submitted.</p> <p>31.2 The Purchaser shall confirm that the following documents and information have been provided in the Bid. If any of these documents or information is missing, the Bid shall be rejected.</p> <p>(a) Bid Submission Form, in accordance with ITB Sub- Clause 12.1;</p> <p>(b) Price Schedules, in accordance with ITB Sub-Clause 12;</p> <p>(c) Bid Security, in accordance with ITB Clause 20.</p>
<p>32. Examination of Terms and Conditions; Technical Evaluation</p>	<p>32.1 The Purchaser shall examine the Bid to confirm that all terms and conditions specified in the CC and the Contract Data have been accepted by the Bidder without any material deviation or reservation.</p> <p>32.2 The Purchaser shall evaluate the technical aspects of the Bid submitted in accordance with ITB Clause 17, to confirm that all requirements specified in Section V, Schedule of Requirements of the Bidding Documents have been met without any material deviation or reservation.</p>

	<p>32.3 If, after the examination of the terms and conditions and the technical evaluation, the Purchaser determines that the Bid is not substantially responsive in accordance with ITB Clause 29, the Purchaser shall reject the Bid.</p>
33. Conversion to Single Currency	<p>34.1 If the bidders are allowed to quote in foreign currencies in accordance with sub clause 15.1, for evaluation and comparison purposes, the Purchaser shall convert all bid prices expressed in foreign currencies in to Sri Lankan Rupees using the selling rates prevailed 28 days prior to closing of bids as published by the Central Bank of Sri Lanka. If this date falls on a public holiday the earliest working day prior to the date shall be applicable.</p>
34. Domestic Preference	<p>34.1 Domestic preference shall be a factor in bid evaluation only if stated in the BDS. If domestic preference shall be a bid evaluation factor, the methodology for calculating the margin of preference and the criteria for its application shall be as specified in Section III, Evaluation and Qualification Criteria.</p>
35. Evaluation of Bids	<p>35.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.</p> <p>35.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in this ITB Clause 35.</p> <p>35.3 To evaluate a Bid, the Purchaser shall consider the following:</p> <ul style="list-style-type: none"> (a) the Bid Price as quoted in accordance with clause 14; (b) price adjustment for correction of arithmetic errors in accordance with ITB Sub-Clause 30.3; (c) price adjustment due to discounts offered in accordance with ITB Sub-Clause 14.2; and 14.3 (d) adjustments due to the application of the evaluation criteria specified in the BDS from amongst those set out in Section III, Evaluation and Qualification Criteria; (e) Adjustments due to the application of a domestic preference, in accordance with ITB Clause 34 if applicable. <p>35.4 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the factors stated in ITB Sub-Clause 35.3, if specified in BDS. These factors may be related to the characteristics, performance, and terms and conditions of purchase of the Goods and Related Services. The effect of the factors selected, if any, shall be expressed in monetary terms to facilitate comparison of bids</p> <p>35.5 If so specified in the BDS, these Bidding Documents shall allow Bidders to quote for one or more lots, and shall allow the Purchaser to award one or multiple lots to more than one Bidder. The methodology of evaluation to determine the lowest-evaluated lot combinations is specified in Section III, Evaluation and Qualification Criteria.</p>
36. Comparison of Bids	<p>36.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35.</p>

<p>37. Post qualification of the Bidder.</p>	<p>37.1 The Purchaser shall determine to its satisfaction whether the Bidder that is selected as having submitted the lowest evaluated and substantially responsive bid is qualified to perform the Contract satisfactorily.</p> <p>37.2 The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to ITB Clause 18.</p> <p>37.3 An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in disqualification of the bid, in which event the Purchaser shall proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.</p>
<p>38. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids</p>	<p>38.1 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to Bidders.</p>
<p>Award of Contract</p>	
<p>39. Award Criteria</p>	<p>39.1 The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated bid and is substantially responsive to the Bidding Documents, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.</p>
<p>40. Purchaser's Right to Vary Quantities at Time of Award</p>	<p>40.1 At the time the Contract is awarded, the Purchaser reserves the right to increase or decrease the quantity of Goods and Related Services originally specified in Section V, Schedule of Requirements, provided this does not exceed twenty five percent (25%) or one unit whichever is higher and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.</p>
<p>41. Notification of Award</p>	<p>41.1 Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its Bid has been accepted.</p> <p>41.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.</p> <p>41.3 Upon the successful Bidder's furnishing of the signed Contract Form and performance security pursuant to ITB Clause 43, the Purchaser will promptly notify each unsuccessful Bidder and will discharge its bid security, pursuant to ITB Clause 20.4.</p>
<p>42. Signing of Contract</p>	<p>42.1 Within Seven (7) days after notification, the Purchaser shall complete the Agreement, and inform the successful Bidder to sign it.</p> <p>42.2 Within Seven (7) days of receipt of such information, the successful Bidder shall sign the Agreement.</p>
<p>43. Performance Security</p>	<p>43.1 Within fourteen (14) days of the receipt of notification of award from the Purchaser, the successful Bidder, if required, shall furnish the Performance Security in accordance with the CC, using for that purpose the Performance Security Form included in Section VIII Contract forms. The Employer shall promptly notify the name of the winning Bidder to each unsuccessful Bidder and discharge the Bid Securities of the unsuccessful bidders pursuant to ITB Sub-Clause 20.4.</p>

	<p>43.2 Failure of the successful Bidder to submit the abovementioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security or execution of the Bid- Securing Declaration. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder, whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.</p>
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Section VI.

Conditions of Contract

<p>1. Definitions</p>	<p>1.1 The following words and expressions shall have the meanings hereby assigned to them:</p> <p>(a) “Contract” means the Contract Agreement entered into between the Purchaser and the Supplier, together with the Contract Documents referred to therein, including all attachments, appendices, and all documents incorporated by reference therein.</p> <p>(b) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.</p> <p>(c) “Contract Price” means the price payable to the Supplier as specified in the Contract Agreement, subject to such additions and adjustments thereto or deductions therefrom, as may be made pursuant to the Contract.</p> <p>(d) “Day” means calendar day.</p> <p>(e) “Completion” means the fulfillment of the supply of Goods to the destination specified and completion of the Related Services by the Supplier in accordance with the terms and conditions set forth in the Contract.</p> <p>(f) “CC” means the Conditions of Contract.</p> <p>(g) “Goods” means all of the commodities, raw material, machinery and equipment, and/or other materials that the Supplier is required to supply to the Purchaser under the Contract.</p> <p>(h) “Purchaser” means the entity purchasing the Goods and Related Services, as specified in the Contract Data.</p> <p>(i) “Related Services” means the services incidental to the supply of the goods, such as insurance, installation, training and initial maintenance and other such obligations of the Supplier under the Contract.</p> <p>(j) “Subcontractor” means any natural person, private or government entity, or a combination of the above, to whom any part of the Goods to be supplied or execution of any part of the Related Services is subcontracted by the Supplier. Section VI General Conditions of Contract 51</p> <p>(k) “Supplier” means the natural person, private or government entity, or a combination of the above, whose bid to perform the Contract has been accepted by the Purchaser and is named as such in the Contract Agreement.</p>
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	(l) “The Project Site,” where applicable, means the place named in the Contract Data.
2. Contract Documents	2.1 Subject to the order of precedence set forth in the Contract Agreement, all documents forming the Contract (and all parts thereof) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.
3. Fraud and Corruption	<p>3.1 The Government of Sri Lanka requires the Purchaser as well as bidders, suppliers, contractors, and consultants to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy:</p> <p>(i) “corrupt practice” means offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of a public official in the procurement process or in contract execution;</p> <p>(ii) “fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;</p> <p>(iii) “collusive practice” means a scheme or arrangement between two or more bidders, with or without the knowledge of the Purchaser to establish bid prices at artificial, noncompetitive levels; and</p> <p>(iv) “Coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.</p>
4. Interpretation	<p>4.1 If the context so requires it, singular means plural and vice versa.</p> <p>4.2 Entire Agreement</p> <p>The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether 52 Section VII. General Conditions of Contract written or oral) of the parties with respect thereto made prior to the date of Contract.</p> <p>4.3 Amendment</p> <p>No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party thereto.</p> <p>4.4 Severability</p> <p>If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.</p>
5. Language	5.1 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in English language. Supporting documents and printed literature that are part of the Contract may be in another language

	<p>provided they are accompanied by an accurate translation of the relevant passages in the language specified, in which case, for purposes of interpretation of the Contract, this translation shall govern.</p> <p>5.2 The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.</p>
6. Joint Venture, Consortium or Association	<p>6.1 If the Supplier is a joint venture, consortium, or association, all of the parties shall be jointly and severally liable to the Purchaser for the fulfillment of the provisions of the Contract and shall designate one party to act as a leader with authority to bind the joint venture, consortium, or association. The composition or the constitution of the joint venture, consortium, or association shall not be altered without the prior consent of the Purchaser.</p>
7. Eligibility	<p>7.1 All goods supplied under this contract shall be complied with applicable standards stipulated by the Sri Lanka Standards Institute. In the absence of such standards, the Goods supplied shall be complied to other internationally accepted standards, such as British Standards.</p>
8. Notices	<p>8.1 Any notice given by one party to the other pursuant to the Contract shall be in writing to the address specified in the Contract Data. The term “in writing” means communicated in written form with proof of receipt. Section VI General Conditions of Contract 53</p> <p>8.2 A notice shall be effective when delivered or on the notice’s effective date, whichever is later.</p>
9. Governing Law	<p>9.1 The Contract shall be governed by and interpreted in accordance with the laws of the Democratic Socialist Republic of Sri Lanka.</p>
10. Settlement of Disputes	<p>10.1 The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.</p> <p>10.2 If, after twenty-eight (28) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract. Arbitration proceedings shall be conducted in accordance with the Arbitration Act No: 11 of 1995.</p> <p>10.3 Notwithstanding any reference to arbitration herein,</p> <p>(a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and</p> <p>(b) the Purchaser shall pay the Supplier any monies due the Supplier.</p>
11. Scope of Supply	<p>11.1 The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.</p>

12. Delivery and Documents	12.1 Subject to CC Sub-Clause 32.1, the Delivery of the Goods and Completion of the Related Services shall be in accordance with the Delivery and Completion Schedule specified in the Schedule of Requirements. Where applicable the details of shipping and other documents to be furnished by the Supplier are specified in the Contract Data.
13. Supplier's Responsibilities	13.1 The Supplier shall supply all the Goods and Related Services included in the Scope of Supply in accordance with CC Clause 11, and the Delivery and Completion Schedule, as per CC Clause 12.
14. Contract Price	14.1 Prices charged by the Supplier for the Goods supplied and the Related Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid.
15. Terms of Payment	<p>15.1 The Contract Price shall be paid as specified in the Contract Data.</p> <p>15.2 The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate, the Goods delivered and Related Services performed, and by the documents submitted pursuant to CC Clause 12 and upon fulfillment of all other obligations stipulated in the Contract.</p> <p>15.3 Payments shall be made promptly by the Purchaser, but in no case later than twenty eight (28) days after submission of an invoice or request for payment by the Supplier, and after the Purchaser has accepted it.</p>
16. Taxes and Duties	16.1 The Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
17. Performance Security	<p>17.1 If required as specified in the Contract Data, the Supplier shall, within fourteen (14) days of the notification of contract award, provide a performance security of Ten percent (10%) of the Contract Price for the performance of the Contract.</p> <p>17.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.</p> <p>17.3 As specified in the Contract Data, the Performance Security, if required, shall be in Sri Lanka Rupees and shall be in the format stipulated by the Purchaser in the Contract Data, or in another format acceptable to the Purchaser.</p> <p>17.4 The Performance Security shall be discharged by the Purchaser and returned to the Supplier not later than twenty-eight (28) days following the date of Completion of the Supplier's performance obligations under the Contract, including any warranty obligations.</p>
18. Copyright	18.1 The copyright in all drawings, documents, and other materials containing data and information furnished to the Purchaser by the Supplier herein shall remain vested in the Supplier, or, if they are furnished to the Purchaser directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.
19. Confidential Information	19.1 The Purchaser and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to

	<p>any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subcontractor such documents, data, and other information it receives from the Purchaser to the extent required for the Subcontractor to perform its work under the Contract, in which event the Supplier shall obtain from such Subcontractor an undertaking of confidentiality similar to that imposed on the Supplier under CC Clause 19.</p> <p>19.2 The Purchaser shall not use such documents, data, and other information received from the Supplier for any purposes unrelated to the contract. Similarly, the Supplier shall not use such documents, data, and other information received from the Purchaser for any purpose other than the performance of the Contract.</p> <p>19.3 The above provisions of CC Clause 19 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Supply or any part thereof.</p> <p>19.4 The provisions of CC Clause 19 shall survive completion or termination, for whatever reason, of the Contract.</p>
<p>20. Subcontracting</p>	<p>20.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under the Contract if not already specified in the bid. Such notification, in the original bid or later shall not relieve the Supplier from any of its obligations, duties, responsibilities, or liability under the Contract.</p> <p>20.2 Subcontracts shall comply with the provisions of CC Clauses 3 and 7.</p>
<p>21. Specifications and Standards</p>	<p>21.1 Technical Specifications and Drawings</p> <p>(a) The Goods and Related Services supplied under this Contract shall conform to the technical specifications and standards mentioned in Section V, Schedule of Requirements and, when no applicable standard is mentioned, the standard shall be equivalent or superior to the official standards whose application is appropriate to the Goods' country of origin.</p> <p>(b) The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designed by or on behalf of the Purchaser, by giving a notice of such disclaimer to the Purchaser.</p> <p>(c) Wherever references are made in the Contract to codes and standards in accordance with which it shall be executed, the edition or the revised version of such codes and standards shall be those specified in the Schedule of Requirements. During Contract execution, any changes in any such codes and standards shall be applied only after approval by the Purchaser and shall be treated in accordance with CC Clause 32.</p>

22. Packing and Documents	22.1 The Supplier shall pack the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract.
23. Insurance	23.1 Unless otherwise specified in the Contract Data, the Goods supplied under the Contract shall be fully insured against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery.
24. Transportation	24.1 Unless otherwise specified in the Contract Data, responsibility for arranging transportation of the Goods shall be a responsibility of the supplier.
25. Inspections and Tests	<p>25.1 The Supplier shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods and Related Services as are specified in the Contract Data.</p> <p>25.2 The inspections and tests may be conducted on the premises of the Supplier or its Subcontractor, at point of delivery, and/or at the Goods' final destination, or in another place as specified in the Contract Data. Subject to CC Sub-Clause 25.3, if conducted on the premises of the Supplier or its Subcontractor, all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.</p> <p>25.3 The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections referred to in CC Sub-Clause 25.2, provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.</p> <p>25.4 Whenever the Supplier is ready to carry out any such test and inspection, it shall give a reasonable advance notice, including the place and time, to the Purchaser. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.</p> <p>25.5 The Purchaser may require the Supplier to carry out any test and/or inspection not required by the Contract but deemed necessary to verify that the characteristics and performance of the Goods comply with the technical specifications codes and standards under the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impede the progress of manufacturing and/or the Supplier's performance of its other obligations under the Contract, due allowance will be made in respect of the Delivery Dates and Completion Dates and the other obligations so affected.</p> <p>25.6 The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection.</p> <p>25.7 The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected</p>

	<p>Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice pursuant to CC Sub-Clause 25.4.</p> <p>25.8 The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report pursuant to CC Sub-Clause 25.6, shall release the Supplier from any warranties or other obligations under the Contract.</p>
<p>26. Liquidated Damages</p>	<p>26.1 Except as provided under CC Clause 31, if the Supplier fails to deliver any or all of the Goods by the Date(s) of delivery or perform the Related Services within the period specified in the Contract, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in the Contract Data of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a 58 Section VII. General Conditions of Contract maximum deduction of the percentage specified in those Contract Data. Once the maximum is reached, the Purchaser may terminate the Contract pursuant to CC Clause 34.</p>
<p>27. Warranty</p>	<p>27.1 The Supplier warrants that all the Goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the Contract.</p> <p>27.2 Subject to CC Sub-Clause 21.1(b), the Supplier further warrants that the Goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination.</p> <p>27.3 Unless otherwise specified in the Contract Data, the warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract Data.</p> <p>27.4 The Purchaser shall give notice to the Supplier stating the nature of any such defects together with all available evidence thereof, promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.</p> <p>27.5 Upon receipt of such notice, the Supplier shall, within the period specified in the Contract Data, expeditiously repair or replace the defective Goods or parts thereof, at no cost to the Purchaser.</p> <p>27.6 If having been notified, the Supplier fails to remedy the defect within the period specified in the Contract Data, the Purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.</p>

<p>28. Patent Indemnity</p>	<p>28.1 The Supplier shall, subject to the Purchaser's compliance with CC Sub-Clause 28.2, indemnify and hold harmless the Purchaser and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Purchaser may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the contract by reason of:</p> <p>(a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and</p> <p>(b) The sale in any country of the products produced by the Goods. Such indemnity shall not cover any use of the Goods or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, neither any infringement resulting from the use of the Goods or any part thereof, or any products produced thereby in association or combination with any other equipment, plant, or materials not supplied by the Supplier, pursuant to the Contract.</p> <p>28.2 If any proceedings are brought or any claim is made against the Purchaser arising out of the matters referred to in CC Sub-Clause 28.1, the Purchaser shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Purchaser's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.</p> <p>28.3 If the Supplier fails to notify the Purchaser within twenty eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Purchaser shall be free to conduct the same on its own behalf.</p> <p>28.4 The Purchaser shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.</p> <p>28.5 The Purchaser shall indemnify and hold harmless the Supplier and its employees, officers, and Subcontractors from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of any nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright, or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Purchaser.</p>
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<p>29. Limitation of Liability</p>	<p>29.1 Except in cases of criminal negligence or willful misconduct,</p> <p>(a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and</p> <p>(b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the supplier to indemnify the purchaser with respect to patent infringement</p>
<p>30. Change in Laws and Regulations</p>	<p>30.1 Unless otherwise specified in the Contract, if after the date of 28 days prior to date of Bid submission, any law, regulation, ordinance, order or bylaw having the force of law is enacted, promulgated, abrogated, or changed in Sri Lanka that subsequently affects the Delivery Date and/or the Contract Price, then such Delivery Date and/or Contract Price shall be correspondingly increased or decreased, to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced cost shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with CC Clause 14.</p>
<p>31. Force Majeure</p>	<p>31.1 The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination or default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.</p> <p>31.2 For purposes of this Clause, "Force Majeure" means an event or situation beyond the control of the Supplier that is not foreseeable, is unavoidable, and its origin is not due to negligence or lack of care on the part of the Supplier. Such events may include, but not be limited to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.</p> <p>31.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.</p>
<p>32. Change Orders and Contract Amendments</p>	<p>32.1 The Purchaser may at any time order the Supplier through notice in accordance CC Clause 8, to make changes within the general scope of the Contract in any one or more of the following:</p>

	<p>(a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;</p> <p>(b) the method of shipment or packing;</p> <p>(c) the place of delivery; and</p> <p>(d) The Related Services to be provided by the Supplier. 32.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or in the Delivery/Completion Schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this Clause must be asserted within twenty-eight (28) days from the date of the Supplier's receipt of the Purchaser's change order.</p> <p>32.3 Prices to be charged by the Supplier for any Related Services that might be needed but which were not included in the Contract shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.</p> <p>32.4 Subject to the above, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.</p>
<p>33. Extensions of Time</p>	<p>33.1 If at any time during performance of the Contract, the Supplier or its subcontractors should encounter conditions impeding timely delivery of the Goods or completion of Related Services pursuant to CC Clause 12, the Supplier shall promptly notify the Purchaser in writing of the delay, its likely duration, and its cause. As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract.</p> <p>33.2 Except in case of Force Majeure, as provided under CC Clause 31, a delay by the Supplier in the performance of its Delivery and Completion obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to CC Clause 26, unless an extension of time is agreed upon, pursuant to CC Sub-Clause 33.1.</p>
<p>34. Termination</p>	<p>34.1 Termination for Default</p> <p>(a) The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate the Contract in whole or in part:</p> <p>(i) if the Supplier fails to deliver any or all of the Goods within the period specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to CC Clause 33;</p> <p>(ii) if the Supplier fails to perform any other obligation under the Contract; or</p>

	<p>(iii) If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, as defined in CC Clause 3, in competing for or in executing the Contract.</p> <p>(b) In the event the Purchaser terminates the Contract in whole or in part, pursuant to CC Clause 34.1(a), the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Related Services similar to those undelivered or not performed, and the Supplier shall be liable to the Purchaser for any additional costs for such similar Goods or Related Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.</p> <p>34.2 Termination for Insolvency. (a) The Purchaser may at any time terminate the Contract by giving notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In such event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy that has accrued or will accrue thereafter to the Purchaser</p> <p>34.3 Termination for Convenience. (a) The Purchaser, by notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.</p> <p>(b) The Goods that are complete and ready for shipment within twenty-eight (28) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:</p> <p>(i) to have any portion completed and delivered at the Contract terms and prices; and/or</p> <p>(ii) to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Related Services and for materials and parts previously procured by the Supplier.</p>
<p>35. Assignment</p>	<p>35.1 Neither the Purchaser nor the Supplier shall assign, in whole or in part, their obligations under this Contract, except with prior written consent of the other party.</p>

Section VIII.

Contract Forms

1. Contract Agreement

THIS CONTRACT AGREEMENT is made

the [insert: number] day of [insert: month], [insert: year].

BETWEEN

(1) [insert complete name of Purchaser], a [insert description of type of legal entity, for example, an agency of the Ministry of or corporation and having its principal place of business at [insert address of Purchaser] (hereinafter called “the Purchaser”), and

(2) [insert name of Supplier], a corporation incorporated under the laws of [insert: country of Supplier] and having its principal place of business at [insert: address of Supplier] (hereinafter called “the Supplier”).

WHEREAS the Purchaser invited bids for certain Goods and ancillary services, viz., [insert brief description of Goods and Services] and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of [insert Contract Price in words and figures, expressed in the Contract currency (ies)] (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract:

(a) This Contract Agreement

(b) Contract Data

(c) Conditions of Contract

(d) Technical Requirements (including Schedule of Requirements and Technical Specifications)

(e) The Supplier’s Bid and original Price Schedules

(f) The Purchaser’s Notification of Award

(g) [Add here any other document(s)]

3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Democratic Socialist Republic of Sri Lanka on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: [insert signature]

in the capacity of [insert title or other appropriate designation]

in the presence of [insert identification of official witness]

For and on behalf of the Supplier

Signed: [insert signature of authorized representative(s) of the Supplier]

in the capacity of [insert title or other appropriate designation]

in the presence of [insert identification of official witness]

2. Performance Security

[The issuing agency, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated] ----- [Issuing Agency's Name, and Address of Issuing Branch or Office] ----- * Beneficiary: ----- [Name and Address of Employer] -----

Date: -----

PERFORMANCE GUARANTEE No.: -----

We have been informed that ----- [name of Supplier] (hereinafter called "the Supplier") has entered into Contract No. ----- [Reference number of the contract] dated ----- with you, for the ----- Supply of ----- [name of contract and brief description] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required. At the request of the Supplier, we ----- [name of Agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of -----

[amount in figures] (-----) [amount in words], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation(s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein. This guarantee shall expire, no later than the day of, 20.. [insert date, 28 days beyond the scheduled completion date including the warranty period] and any demand for payment under it must be received by us at this office on or before that date.

[Signature(s)]

3. Guarantee for Advance Payment

[The issuing agency, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated.]

Date: [insert date (as day, month, and year) of Bid Submission] ICB No. and title: [insert number and title of bidding process] [issuing agency's letterhead] Beneficiary: [insert legal name and address of Purchaser]

ADVANCE PAYMENT GUARANTEE No.: [insert Advance Payment Guarantee no.]

We, [insert legal name and address of issuing agency], have been informed that [insert complete name and address of Supplier] (hereinafter called "the Supplier") has entered into Contract No. [Insert number] dated [insert date of Agreement] with you, for the supply of [insert types of Goods to be delivered] (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, an advance is to be made against an advance payment guarantee.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of [insert amount(s) in figures and words] upon receipt by us of your first demand in writing declaring that the Supplier is in breach of its obligation under the Contract because the Supplier used the advance payment for purposes other than toward delivery of the Goods.

It is a condition for any claim and payment under this Guarantee to be made that the advance payment referred to above must have been received by the Supplier on its account [insert number and domicile of the account]

This Guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until [insert date].

[Signature of authorized representative(s) of the issuing agency]

Section II.

Bidding Data Sheet (BDS)

The following specific data for the goods to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB). Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

[Instructions for completing the Bid Data Sheet are provided, as needed, in the relevant ITB Clauses.]

ITB Clause Reference	A. General
ITB 1.1	The Purchaser is: University of Jaffna
ITB 1.1	The name and identification number of the Contract are: Supply and Installation of IT Equipment to the University of Jaffna UJ/F/NCB/01/2018 ”
ITB 1.2	The bidder should have at least three years’ experience in the relevant industry in Sri Lanka and should submit documents to prove experience in the industry.
ITB 2.1	The source of funding is: GOSL
ITB 4.4	Foreign bidders are allowed to participate in bidding: Not allowed
	B. Contents of Bidding Documents
ITB 7.1	For Clarification of bid purposes only, the Purchaser’s address is: Attention: Senior.Assistant Bursar/Supplies Address: 57, University of Jaffna, Thirunelvely, Jaffna Telephone: 021-2220962 Electronic mail address:bursaruj@gmail.com
	C. Preparation of Bids
ITB 11.1 (e)	The Bidder shall submit the following additional documents: A complete company profile of the bidders including, but not limited to, the following: <ul style="list-style-type: none"> • Data commencing business in Sri Lanka • Names of current Directors • Annual turnover, assets and liabilities • List of client who use the products • Number of staff supporting to proceed the operation in Sri Lanka and their competence • Past 3 years relevant experience in the relevant industry in Sri Lanka
ITB 15.1	The bidder shall quote the local expenditure in Sri Lankan Rupees.

ITB 18.1 (b)	After sales service is: required
ITB 19.1	The bid shall be validity until: 10.03.2019
ITB 20.1	(a) Bid shall include a Bid Security (issued by bank or surety) included in Section IV Bidding Forms;
ITB 20.2	The amount of the Bid Security shall be: As per the advertisement Beneficiary: Vice Chancellor, University of Jaffna. The validity period of the bid security shall be until: 10.04.2019
	D. Submission and Opening of Bids
ITB 22.2 (c)	The inner and outer envelopes shall bear the following identification marks: “ Supply and Installation of IT Equipment to the University of Jaffna - UJ/F/NCB/01/2018 ”
ITB 23.1	For bid submission purposes, the Purchaser’s address is: Attention: Bursar Address: University of Jaffna, P.O.Box 57, Thirunelvely, Jaffna. The deadline for the submission of bids is: Date: 10.12.2018 Time: 2.00pm
ITB 26.1	The bid opening shall take place at: Address: Board Room, University of Jaffna, P.O.Box 57, Thirunelvely, Jaffna. Date: 10.12.2018 Time: 2.00pm
	E. Evaluation and Comparison of Bids
ITB 34.1	Domestic preference shall not be a bid evaluation factor.
ITB 35.3(d)	The adjustments shall be determined using the following criteria, from amongst those set out in Section III, Evaluation and Qualification Criteria: (a) Deviation in Delivery schedule: Option 2 is selected and the adjustment is 0.5% per week or part thereof

	<p>(b) Deviation in payment schedule: Not applicable</p> <p>(c) the cost of major replacement components, mandatory spare parts, and service: Not applicable</p>
ITB 35.4	The following factors and methodology will be used for evaluation: Not applicable
ITB 35.5	Bidders shall be allowed to quote for one or more lots. [refer to Section III Evaluation and Qualification Criteria] Purchaser will evaluate the bid item by item basis.


 Senior Assistant Bursar (Supplies)
 University of Jaffna
 Jaffna

Section III.

Evaluation and Qualification Criteria

1. Evaluation Criteria (ITB 35.3 (d))

The Purchaser's evaluation of a bid may take into account, in addition to the Bid Price quoted in accordance with ITB Clause 14, one or more of the following factors as specified in ITB Sub-Clause 35.3(d) and in BDS referring to ITB 35.3(d), using the following criteria and methodologies.

(a) Delivery schedule

Option 2

The goods covered under this invitation are required to be delivered within an acceptable range of weeks specified in the Schedule of Requirement. No credit will be given to earlier deliveries, and bids offering delivery beyond this range will be treated as nonresponsive. Within this acceptable range, an adjustment per week, as specified in the Bid Data Sheet, will be added for evaluation purposes only, to the bid price of bids offering deliveries later than the earliest delivery period specified in the Section V, Schedule of Requirements

(a) Deviation in payment schedule. **Not applicable**

(c) Cost of major replacement components, mandatory spare parts, and service: **Not applicable**

(d) Specific additional criteria: **None**

2. Evaluation Criteria (ITB 35.4)

3. Multiple Contracts (ITB 35.5)

The Purchaser shall award multiple contracts to the Bidder that offers the lowest evaluated combination of bids (one contract per bid) and meets the post-qualification criteria (this Section III, Sub-Section ITB 37.2 Post-Qualification Requirements)

The Purchaser shall:

- (a) Evaluate only lots or contracts that include items per lot and quantity per item
- (b) Take into account: The lowest-evaluated bid for each lot

3. Post qualification Requirements (ITB 37.2)

After determining the lowest-evaluated bid in accordance with ITB Sub-Clause 36.1, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause

37, using only the requirements specified. Requirements not included in the text below shall not be used in the evaluation of the Bidder's qualifications.

Qualification Criteria:

- (a) Bid may be submitted by any reputed supplier of **IT Equipment** registered business in Sri Lanka or any accredited local agent who takes fullest responsibility for the whole bid. The local agent shall submit evidence of status, obligations, power of attorney and any other documentary evidence that he is duly authorized and eligible to bid on behalf of the manufacturer.
- (b) The bidders should also have previous experience of at least three years in relevant industry in the supply and also technical and financial capability necessary to perform the contract.
- (c) Bids will be rejected as non- responsive if documentary evidence in proof of above has not been provided.
- (d) If an Agent submits bids on behalf of more than one supplier, unless each such bid is accompanied by a separate Bid Form for each bid, and a bid security when required for each bid, and authorization from the respective Manufacturer, and valid vendor certificate, all such bids will be rejected as non- responsive.
- (e) Bidders should possess the Certificate of Business Registration issued by a Governmental Authority/ Registrar of Companies/ Provincial Registrar of Business in the relevant category.
- (f) Bidders offering goods under their own brand names should provide along with their bids a current certification/s of quality; Bid not complying with this requirement may be treated as non - responsive.
- (g) Having a service center in Jaffna will be considered as an added qualification.

4. Domestic Preference (ITB 34.1) – **Not applicable**

Section IV

Bidding Forms

Bid Submission Form.

[The Bidder shall fill in this Form in accordance with the instructions indicated no alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:

No:

To: **University of Jaffna**

We, the undersigned, declare that:

- a) We have examined and have no reservations to the Bidding Documents, including Addenda No.:
- b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the Schedule of Requirements the following Goods and Related Service Supply and Installation of **IT Equipment** to the University of Jaffna.
- c) The total price of our Bid without VAT, including any discounts offered is:
- d) The total price of our Bid including VAT, and any discounts offered is:
- e) Our bid shall be valid for the period of time specified in ITB sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 23.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- f) If our bid is accepted, we commit to obtain a performance security in accordance with ITB Clause 43 and CC Clause 17 for the due performance of the Contract;
- g) We have no conflict of interest in accordance with ITB Sub-Clause 4.3;
- h) Our firm, its affiliates or subsidiaries- including any subcontractors or suppliers for any part of the contract-has not been declared blacklisted by the National Procurement Agency;

- i) We understand that bid, together with your written acceptance thereof include in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- j) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Signed:

In the capacity of

Name:

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

Dated on ----- day of -----


Senior Assistant Bursar (Supplies)
University of Jaffna
Jaffna

Price Schedule *

No	Description of the Item and ITEM CODE	(1)	(2)	(3)	(4)	(5)
		Qty	Unit Rate	VAT	Price with VAT (2+3)	Total (1x4)
1	Server System Type I	1				
2	Server System Type II	1				
3	Laptop Computer Type I	20				
4	Laptop Computer Type II	17				
5	Laptop Computer Type III	5				
6	Desktop Computer Type I	7				
7	Desktop Computer Type II	44				
8	Desktop Computer Type III	31				
9	UPS Type I	59				
10	UPS Type II	16				
11	UPS Type III	03				
12	Printer Laser Type I	45				
13	Printer Laser Type II	2				
14	Printer Multifunctional Type I	3				
15	Printer Multifunctional Type II	1				
16	Scanner Type I	9				
17	Scanner Type II	1				
18	Scanner Type III	5				
19	Digital Duplicator	8				

20	External Hard Drive Type I	10				
21	External Hard Drive Type II	28				
22	External Hard Drive Type III	1				
23	External DVD writer	4				
24	Multimedia Projector	30				
25	Interactive projector with accessories	1				
26	Projector screen	9				
27	Photocopier	11				

*Use separate price schedule for options

.....

.....

Signature and seal of the Bidder

Date

Total Price without Taxes (in SLR):

Total Price without Taxes (in Words):.....

Vat Registration No:.....

Total Price with VAT:.....

Total Price with VAT (in Words):.....

Maintenance charges as a percentage after the warranty period:.....

Name of the Authorized persons:.....

Signature of the Authorized persons:.....

Date:

Bid Guarantee

[This Bank Guarantee form shall be filled in accordance with the instructions indicated in brackets]
----- [insert issuing agency's name, and address of issuing branch or office] ----- Beneficiary: -
----- [name and address of Purchaser] Date: ----- [insert (by issuing agency) date] BID
GUARANTEE No.: ----- [insert (by issuing agency) number] We have been informed that -----
[insert (by issuing agency) name of the Bidder; if a joint venture, list complete legal names of partners]
(hereinafter called "the Bidder") has submitted to you its bid dated ----- [insert (by issuing agency)
date](hereinafter called "the Bid") for the supply of [insert name of Supplier] under Invitation for Bids
No. ----- [insert IFB number] ("the IFB").

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

At the request of the Bidder, we ----- [insert name of issuing agency] hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of ----- [insert amount in figures] ----- [insert amount in words]) upon receipt by us of your first demand in writing accompanied by a written statement stating that the Bidder is in breach of its obligation(s) under the bid conditions, because the Bidder:

- (a) Has withdrawn its Bid during the period of bid validity specified; or
- (b) Does not accept the correction of errors in accordance with the Instructions to Bidders (hereinafter "the ITB"); or
- (c) having been notified of the acceptance of its Bid by the Purchaser during the period of bid validity, (i) fails or refuses to execute the Contract Form, if required, or (ii) fails or refuses to furnish the Performance Security, in accordance with the ITB.

This Guarantee shall expire: (a) if the Bidder is the successful bidder, upon our receipt of copies of the Contract signed by the Bidder and of the Performance Security issued to you by the Bidder; or (b) if the Bidder is not the successful bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder that the Bidder was unsuccessful, otherwise it will remain in force up to ----- (insert date) Consequently, any demand for payment under this Guarantee must be received by us at the office on or before that date. _____signature(s) of authorized representative(s)]

Manufacturer's Authorization

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so indicated in the BDS.]

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

No.: [insert number of bidding process]

To: [insert complete name of Purchaser]

WHEREAS

We [insert complete name of Manufacturer], who are official manufacturers of [insert type of goods manufactured], having factories at [insert full address of Manufacturer's factories], do hereby authorize [insert complete name of Bidder] to submit a bid the purpose of which is to provide the following Goods, manufactured by us [insert name and or brief description of the Goods], and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the Conditions of Contract, with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]

Name: [insert complete name(s) of authorized representative(s) of the Manufacturer]

Title: [insert title]

Duly authorized to sign this Authorization on behalf of: [insert complete name of Bidder]

Dated on _____ day of _____, _____ [insert date of signing]

Section V

Schedule of Requirements

1. List of Goods and Delivery Schedule

[The Purchaser shall fill in this table, with the exception of the column “Bidder’s offered Delivery date” to be filled by the Bidder]

No	Description of Goods	Qty	Final Destination as specified in BDS	Delivery Date 1		
				Earliest Delivery Date	Latest Delivery Date	Bidder’s offered Delivery date
1	Server System Type I		University of Jaffna	2 weeks	4 weeks	
2	Server System Type II					
3	Laptop Computer Type I					
4	Laptop Computer Type II					
5	Laptop Computer Type III					
6	Desktop Computer Type I					
7	Desktop Computer Type II					
8	Desktop Computer Type III					
9	UPS Type I					
10	UPS Type II					
11	UPS Type III					
12	Printer Laser Type I					
13	Printer Laser Type II					

14	Printer Multifunctional Type I					
15	Printer Multifunctional Type II					
16	Scanner Type I					
17	Scanner Type II					
18	Scanner Type III					
19	Digital Duplicator					
20	External Hard Drive Type I					
21	External Hard Drive Type II					
22	External Hard Drive Type III					
23	External DVD writer					
24	Multimedia Projector					
25	Interactive projector with accessories					
26	Projector screen					
27	Photocopier					

* Destination of delivery: - Main stores,
57, University of Jaffna,
Thirunelvely,
Jaffna


Senior Assistant Bursar (Supplies)
University of Jaffna
Jaffna

2. Technical Specifications

The bidder shall follow the following technical requirement and other requirement.

Item No	Name and Minimum Specifications	Qty	Remarks
1	Server System Type I		
	<i>(i) Make</i>	Should be a world recognized Brand (Specify)	
	<i>(ii) Model</i>	Should be mentioned by the bidder	
	<i>(iii) Country of Origin</i>	Should be mentioned by the bidder	
	<i>(iii) Country of manufacture</i>	Should be mentioned by the bidder	
	<i>(iv) Year of Manufacture</i>	Should be mentioned by the bidder	
	<i>Server Type</i>	Tower model	
	<i>Processor</i>	Intel Xeon Silver Series	
		8 Cores, Clock speed between 2.0-3.0 GHz	
		10MB Intel Smart Cache or more	
	<i>No. of Processors</i>	Two Processors	
	<i>Chipset</i>	Should provide Intel support features (Intel Boot Guard, Intel Quick Assist, Intel Trusted Execution Technology, and Memory Protection Extensions)	
	<i>Memory</i>	64GB and should support up to 512GB	
	<i>RAID Controller</i>	Embedded SAS 12 GB/s RAID controller with 2G of battery backup cache	
	<i>Hard Disk Capacity</i>	Should have minimum six 1.2TB SAS Disks	
	<i>Hard Disk Upgrade</i>	Should be upgradable up to 19TB internally	

<i>No. of Hard Disk Bays</i>	Should support at least 8, 2.5" Hot pluggable hard disk bays		
<i>Optical Drive</i>	DVD+RW SATA(Internal)		
<i>Network Interface on board</i>	Minimum Quad port 1G network		
<i>Input/output ports</i>	Front - 1 x USB 2.0, available USB 3.0 dedicated Management port , Rear ports - Video, serial(should be on board), 2 x USB 3.0		
<i>PCI Cards</i>	Minimum 2 PCI Slots(Should be low profile)		
<i>Power Supply</i>	Dual 550W hot pluggable		
<i>Cooling Fans</i>	Minimum 6 hot plugs fans with full redundancy		
<i>Server Management</i>	Should have performance monitoring & management Hardware, Software through a virtual console(up to 6 Users) providing both inbound and out of band remote management of the server with dedicated NIC		
	Secure multi-faceted support for server management automation - (HTTPS, SSL, AD, LDAP, Smart card) and should support system lock down mode for system protection.		
<i>Supported Hypervisor</i>	Should support VMware Hypervisor 6.7		
<i>Supported OS</i>	Canonical Ubuntu LTS, Microsoft Windows Server 2016 with Hyper-V Red Hat Enterprise Linux, SUSE Linux Enterprise Server , VMware ESXi		
<i>OS</i>	Windows Server 2016 with Hyper-V		
<i>Drivers</i>	System drivers should be supplied		
<i>Warranty</i>	Manufacturer's comprehensive warranty for minimum of Five years (05) for all the components of the server. During the warranty period, all defective parts should be replaced free of charge		

	Brochures	Brochures of the quoted model should be supplied. If any changes of given model against original brochure, bidder should provide clarification from the manufacture.		
	Remarks	(i) Incomplete bids will be liable to reject during evaluation phase.		
		ii) Over clocked configurations will not be considered		
	Unit price			
2	Server System Type II			
	(i) Make	Should be a world recognized Brand (Specify)		
	(ii) Model	Should be mentioned by the bidder		
	(iii) Country of Origin	Should be mentioned by the bidder		
	(iii) Country of manufacture	Should be mentioned by the bidder		
	(iv) Year of Manufacture	Should be mentioned by the bidder		
	Server Type	Rack mountable		
	Processor	Intel Xeon Silver Series		
		8 Cores, Clock speed between 2.0-3.0 GHz		
		10MB Intel Smart Cache or more		
	No. of Processors	Two Processors		
	Chipset	Should provide Intel support features (Intel Boot Guard, Intel Quick Assist, Intel Trusted Execution Technology, and Memory Protection Extensions)		
	Memory	64GB and should support up to 512GB		

<i>RAID Controller</i>	Embedded SAS 12 GB/s RAID controller with 2G of battery backup cache		
<i>Hard Disk Capacity</i>	Should have minimum six 1.2TB SAS Disks		
<i>Hard Disk Upgrade</i>	Should be upgradable up to 19TB internally		
<i>No. of Hard Disk Bays</i>	Should support at least 8, 2.5" Hot pluggable hard disk bays		
<i>Optical Drive</i>	DVD+RW SATA(Internal)		
<i>Network Interface on board</i>	Minimum Quad port 1G network		
<i>Input/output ports</i>	Front - 1 x USB 2.0, available USB 3.0 dedicated Management port , Rear ports - Video, serial(should be on board), 2 x USB 3.0		
<i>PCI Cards</i>	Minimum 2 PCI Slots(Should be low profile)		
<i>Power Supply</i>	Dual 550W hot pluggable		
<i>Cooling Fans</i>	Minimum 6 hot plugs fans with full redundancy		
<i>Server Management</i>	Should have performance monitoring & management Hardware, Software through a virtual console(up to 6 Users) providing both inbound and out of band remote management of the server with dedicated NIC		
	Secure multi-faceted support for server management automation - (HTTPS, SSL, AD, LDAP, Smart card) and should support system lock down mode for system protection.		
<i>Supported Hypervisor</i>	Should support VMware Hypervisor 6.7		
<i>Supported OS</i>	Canonical Ubuntu LTS, Microsoft Windows Server 2016 with Hyper-V Red Hat Enterprise Linux, SUSE Linux Enterprise Server , VMware ESXi		
<i>OS</i>	Windows Server 2016 with Hyper-V		

	Drivers	System drivers should be supplied		
	Warranty	Manufacturer's comprehensive warranty for minimum of Five years (05) for all the components of the server. During the warranty period, all defective parts should be replaced free of charge		
	Brochures	Brochures of the quoted model should be supplied. If any changes of given model against original brochure, bidder should provide clarification from the manufacture.		
	Remarks	(i) Incomplete bids will be liable to reject during evaluation phase.		
		(ii) Over clocked configurations will not be considered		
	Unit price			
3	Laptop Computer Type I			
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)		
	Model Name	Specify		
	Dimensions (WxDxH)	Specify		
	Weight	Specify		
	System Type	Laptop		
	Processor	8th Generation Intel Core i5-8250U Processor (6MB Cache, frequency 1.6GHz, Turbo frequency 3.4 GHz)		
	RAM	8 GB DDR4-2400MHz SDRAM		
	Hard Drive	1 TB SATA Hard Drive (5400 RPM)		
	Optical Storage	SuperMulti DVD burner		
	Display	15.6 diagonal FHD anti-glare WLED-backlit (1920 x 1080)		
	Video conferencing	Wide Vision HD Webcam with Dual Digital Microphone		
	Audio chipset and Speakers	Built in with built in Stereo speakers		
	Wireless LAN support	Built-in with built-in antenna		
	Supported wireless protocols	IEEE 802.11ac/a/b/g/n		

	Bluetooth	Inbuilt Bluetooth 4.1		
	Memory card reader	In-built support for different memory card sizes		
	Connectivity Interfaces: USB	1 x USB 3.1, 2 x USB 2.0		
	Connectivity Interfaces: Audio	Stereo microphone in, Stereo headphone out		
	Connectivity Interfaces: Video	HDMI x 1		
	Connectivity Interfaces: Networking	Integrated 10/100/1000 Gigabit Ethernet LAN		
	Power	AC 160 – 230 V (50/60HZ)		
	Battery	4 cell Lithium-ion		
	Battery Capacity	Specify		
	Operating System	Windows 10 Pro 64 Bit (OEM) - Should provide proof of authentication		
	Other features	Having a service centre in Jaffna or close proximity area is preferred		
		Brochures / Technical documents supporting offered features must be provided		
		Should be an Authorised supplier of the quoted brand (Document proof should be provided)		
	Accessories	Charger and carrying case		
	Warranty	3 Years comprehensive manufacturer warranty		
	Unit Price			
4	Laptop Computer Type II			
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)		
	Model Name	Specify		
	Dimensions (WxDxH)	Specify		
	Weight	Specify		
	System Type	Laptop		
	Processor	Intel Core i7-8550U 8th Generation Processor (8MB Cache, frequency 1.8GHz, Turbo frequency 4.0 GHz)		
	RAM	8 GB DDR4-2400MHz SDRAM		

Hard Drive	1 TB SATA Hard Drive (5400 RPM)		
Optical Storage	SuperMulti DVD burner		
Display	15.6 diagonal FHD IPS UWVA anti-glare WLED-backlit (1920 x 1080)		
Video conferencing	Wide Vision HD Webcam with Dual Digital Microphone		
Audio chipset and Speakers	Built in with built in Stereo speakers		
Wireless LAN support	Built-in with built-in antenna		
Supported wireless protocols	IEEE 802.11ac/a/b/g/n		
Bluetooth	Inbuilt Bluetooth 4.1		
Memory card reader	In-built support for different memory card sizes		
Connectivity Interfaces: USB	3 x Hi-Speed USB 3		
Connectivity Interfaces: Audio	Stereo microphone in, Stereo headphone out		
Connectivity Interfaces: Video	HDMI x 1		
Connectivity Interfaces: Networking	Integrated 10/100/1000 Gigabit Ethernet LAN		
Power	AC 160 – 230 V (50/60HZ)		
Battery	4 cell Lithium-ion		
Battery Capacity	Specify		
Operating System	Windows 10 Pro 64 Bit (OEM)		
Other features	Having a service centre in Jaffna or close proximity area is preferred		
	Brochures / Technical documents supporting offered features must be provided		
	Should be an Authorised supplier of the quoted brand (Document proof should be provided)		
Accessories	Charger and carrying case		
Warranty	3 Years comprehensive manufacturer warranty		
Unit Price			

5	Laptop Computer Type III		
Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)		
Model Name	Specify		
Dimensions (WxDxH)	Specify		
Weight	Specify		
System Type	Convertible Laptop with touch screen		
Processor	8th Generation Intel Core i5-8250U Processor (6MB Cache, frequency 1.6GHz, Turbo frequency 3.4 GHz)		
RAM	8 GB DDR4-2400 SDRAM		
Hard Drive	2 TB 5400 rpm SATA		
Optical Storage	Internal / External SuperMulti DVD burner		
Display	15.6" diagonal FHD IPS micro-edge WLED-backlit touch screen (1920 x 1080)		
Video conferencing	Wide Vision FHD IR camera with dual array digital microphone		
Audio chipset and Speakers	Built in with built in Stereo speakers		
Wireless LAN support	Built-in with built-in antenna		
Supported wireless protocols	IEEE 802.11ac/a/b/g/n		
Bluetooth	Inbuilt Bluetooth 4.1		
Memory card reader	In-built multi card reader		
Connectivity Interfaces	1 x HDMI, 3 x USB 3.0, 1 x headphone/microphone combo		
Connectivity Interface:Network	Integrated 10/100/1000 Gigabit Ethernet LAN		
Battery	3-cell, 41 Wh Lithium-ion prismatic		
Battery Capacity	Up to 10 hours		
Power	AC 160 – 230 V (50/60HZ)		
Operating System	Windows 10 Pro 64 Bit (OEM)		
Other features	Having a service centre in Jaffna or close proximity area is preferred		

		Brochures / Technical documents supporting offered features must be provided		
		Should be an Authorised supplier of the quoted brand (Document proof should be provided)		
	Accessories	Charger and carrying case		
	Warranty	3 Years comprehensive manufacturer warranty		
	Unit Price			
6	Desktop Computer Type I			
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)		
	Model	Specify		
	Country of Origin	Specify		
	Chassis	Mini Tower		
	Processor Family	Intel Core i3-8100 8th Generation or equivalent		
	External rated clock speed	3.6 GHz		
	Cache memory	6 MB		
	Main Memory	8GB 2400MHz DDR4 memory		
	Chipset	Intel H370 or equivalent		
	IO Ports	1 PCI Express x 16, 1 PCI Express x 1, 6 External USB 3.1 / 2.0 ports (2 in the front, 4 in the back)		
	Network Interfaces	Integrated Ethernet LAN, 10/100/1000 Mbps full duplex, Ethernet Port with RJ45 connector		
	Graphic Adapter & Interface	Integrated Intel HD Graphics 630, Video ports : VGA or DVI or HDMI		
	Hard Disk Drive	Minimum of 500 GB SATA (7200 rpm or better) disk drives		
	Optical Storage	16X Max DVD RW with Dual Layer Write Capabilities		
	Audio Interface	Integrated High Definition Audio		
	Monitor	18.5" W HD Monitor with WLED (should be the same brand)		
	Operating Voltage	160V to 230V (50/60Hz)		
	Security Features	Manual Lockable side openings		
	Keyboard	USB Keyboard		
	Mouse	USB optical mouse		
	Operating System	Windows 10 Pro 64 Bit (OEM)		

		Having a service centre in Jaffna or close proximity area is preferred		
	<i>Other features</i>	Brochures / Technical documents supporting offered features must be provided		
		Should be an Authorised supplier of the quoted brand (Document proof should be provided)		
	<i>Warranty</i>	3 Years comprehensive manufacturer warranty		
	<i>Unit Price</i>			
7	Desktop Computer Type II			
	<i>Make</i>	Should be a Branded Product (with ISO 9000 certification for manufacturing)		
	<i>Model</i>	Specify		
	<i>Country of Origin</i>	Specify		
	<i>Chassis</i>	Mini Tower		
	<i>Processor Family</i>	Intel Core i5-8400 8th Generation or equivalent		
	<i>External rated clock speed</i>	Base 2.8GHz, Turbo 4.0 GHz or more		
	<i>Cache memory</i>	9 MB		
	<i>Main Memory</i>	8GB 2666MHz DDR4 memory		
	<i>Chipset</i>	Intel H370 or equivalent		
	<i>IO Ports</i>	1 PCI Express x 16, 1 PCI Express x 1, 4 External USB 3.1 / 2 External USB 2.0		
	<i>Network Interfaces</i>	Integrated Ethernet LAN, 10/100/1000 Mbps full duplex, Ethernet Port with RJ45 connector		
	<i>Graphic Adapter & Interface</i>	Integrated Intel HD Graphics 630, Video ports : VGA or DVI or HDMI		
	<i>Hard Disk Drive</i>	Minimum of 1 TB SATA (7200 rpm) disk drives		
	<i>Optical Storage</i>	16X Max DVD RW with Dual Layer Write Capabilities		
	<i>Audio Interface</i>	Integrated High Definition Audio		
	<i>Monitor</i>	18.5" WHD Monitor with WLED (should be the same brand)		
	<i>Operating Voltage</i>	160V to 230V (50/60Hz)		
	<i>Security Features</i>	Manual Lockable side openings		

	Keyboard	USB Keyboard		
	Mouse	USB optical mouse		
	Operating System	Windows 10 Pro 64 Bit (OEM)		
	Other features	Having a service centre in Jaffna or close proximity area is preferred		
		Brochures / Technical documents supporting offered features must be provided		
		Should be an Authorised supplier of the quoted brand (Document proof should be provided)		
	Warranty	3 Years comprehensive manufacturer warranty		
	Unit Price			
8	Desktop Computer Type III			
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)		
	Model	Specify		
	Country of Origin	Specify		
	Chassis	Mini Tower		
	Processor Family	Intel Core i7-8700 8th Generation or equivalent		
	External rated clock speed	4.6 GHz or more		
	Cache memory	12 MB		
	Main Memory	8GB 2666MHz DDR4 memory		
	Chipset	Intel Q370 or equivalent		
	IO Ports	1 PCI Express x 16, 1 PCI Express x 1, 4 External USB 3.1, 2 External USB2.0		
	Network Interfaces	Integrated Ethernet LAN, 10/100/1000 Mbps full duplex, Ethernet Port with RJ45 connector		
	Graphic Adapter & Interface	Integrated Intel HD Graphics 630, Video ports : VGA or DVI or HDMI		
	Hard Disk Drive	Minimum of 1 TB SATA (7200 rpm or better) disk drives		
	Optical Storage	16X Max DVD RW with Dual Layer Write Capabilities		
	Audio Interface	Integrated High Definition Audio		
	Monitor	18.5" WHD Monitor with WLED (should be the same brand)		

	Operating Voltage	160V to 230V (50/60Hz)		
	Security Features	Manual Lockable side openings		
	Keyboard	USB Keyboard		
	Mouse	USB optical mouse		
	Operating System	Windows 10 Pro 64 Bit (OEM)		
	Other features	Having a service centre in Jaffna or close proximity area is preferred		
		Brochures / Technical documents supporting offered features must be provided		
		Should be an Authorised supplier of the quoted brand (Document proof should be provided)		
	Warranty	3 Years comprehensive manufacturer warranty		
	Unit Price			
9	UPS Type I			
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)		
	Model	Specify		
	Country of Origin	Specify		
	Mode of operation	Line Interactive		
	Input Voltage	220 V +/- 25%		
	Output power Capacity	650 VA, 390W		
	Output voltage	230 V		
	Input Connection type	Hard Wire 3-Wire		
	Output connection	2 x IEC 320 C13 / Universal Sockets		
	Backup time	7 - 15 min		
	Battery type	Maintenance – free sealed Lead – Acid battery with suspended electrolyte, Leak Proof		
	Approval from independent agencies	Should have approval certificate from external agencies (Annex proof of document)		
	EMC for Functional Safety	Should have functional safety certificate from external agencies (Annex proof of document)		
	Other technical features	Surge and Noise protection		
		Should have audible fault detection / alarm		

		LED status display with On Line, On Battery, Charge level, Replace Battery and Overload indicators		
		Should have automatic measure to prevent complete run down of battery		
		Should have a management interface		
	Other features	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorized letters from principals to certify these should be attached.		
		The manufacturer should have minimum of ten years' experience in manufacturing the same brand		
		Having a service Centre in Jaffna or close proximity area is preferred		
		Broachers/Technical documents supporting offered features must be provided		
	Others	Necessary cables, Hardware set up guides and manuals,		
		Country of Origin and Country of Manufacture should be clearly mentioned.		
	Warranty	Two years comprehensive onsite warranty – Warranty should cover the whole unit including battery.		
	Unit Price			
10	UPS Type II			
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)		
	Model	Specify		
	Country of Origin	Specify		
	Mode of operation	Line Interactive		
	Input Voltage	220 V +/- 25%		
	Output power Capacity	1200 VA, 720W		
	Output voltage	230 V		
	Input Connection type	Hard Wire 3-Wire		
	Output connection	4 x IEC 320 C13 / Universal Sockets		
	Backup time	7 - 15 min		

	Battery type	Maintenance – free sealed Lead – Acid battery with suspended electrolyte, Leak Proof		
	Approval from independent agencies	Should have approval certificate from external agencies (Annex proof of document)		
	EMC for Functional Safety	Should have functional safety certificate from external agencies (Annex proof of document)		
	Other technical features	Surge and Noise protection		
		Should have audible fault detection / alarm		
		LED status display with On Line, On Battery, Charge level, Replace Battery and Overload indicators		
		Should have automatic measure to prevent complete run down of battery		
		Should have a management interface		
	Other features	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorized letters from principals to certify these should be attached.		
		The manufacturer should have minimum of ten years’ experience in manufacturing the same brand		
		Having a service Centre in Jaffna or close proximity area is preferred		
		Broachers/Technical documents supporting offered features must be provided		
	Others	Necessary cables, Hardware set up guides and manuals,		
		Country of Origin and Country of Manufacture should be clearly mentioned.		
	Warranty	Two years comprehensive onsite warranty – Warranty should cover the whole unit including battery.		
	Unit Price			
11	UPS Type III			
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)		
	Model	Specify		

Country of Origin	Specify		
Mode of operation	Online		
Input Connection	Dual input, hardwired		
Input Voltage	230 Vac Single phase		
Input Voltage range	'220 +10%, -15%		
Operating frequency	50/60 Hz		
Input power factor	0.99		
Output Connection	Hardwired		
Output power Capacity	10KVA/9KW		
Output voltage	230 Vac, 50/60Hz		
Backup time	25 min at full load		
Battery type	Maintenance – free sealed Lead – Acid battery with suspended electrolyte, Leak Proof		
Efficiency	92% with nominal linear load, 91% with nominal computer load		
Audible Noise	<50dB at 1 meter		
Dimensions	Specify		
Net weight	Specify		
Approval from independent agencies	Should have approval certificate from external agencies (Annex proof of document)		
EMC for Functional Safety	Should have functional safety certificate from external agencies (Annex proof of document)		
Other technical features	Surge and Noise protection		
	Should have audible fault detection / alarm		
	LED status display with On Line, On Battery, Charge level, Replace Battery and Overload indicators		
	Should have automatic measure to prevent complete run down of battery		
Other features	Should have a management interface		
	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorized letters from principals to certify these should be attached.		
	The manufacturer should have minimum of ten years experience in manufacturing the same brand		

		Having a service centre in Jaffna or close proximity area is preferred		
		Broachers/Technical documents supporting offered features must be provided		
	Others	Necessary cables, Hardware set up guides and manuals,		
		Country of Origin and Country of Manufacture should be clearly mentioned.		
	Warranty	Two years comprehensive onsite warranty – Warranty should cover the whole unit including battery.		
	Unit Price			
12	Printer Laser Type I			
	Make / Brand	Should be an internationally reputed brand		
	Model Number	Specify		
	Country of Origin	Specify		
	Print Technology	Laser		
	Processor Speed	800 MHz		
	Memory	256 MB		
	Printing speed	A4 black: Up to 28 ppm		
		First page out - 8 sec		
	Output Resolution	Up to 1200x1200 dpi		
	Duplex printing	Automatic (Standard)		
	Paper handling – Input tray	250-sheet		
	Paper handling - Output tray	150 sheet		
	Supported paper sizes	Letter, Letter rotated, legal, executive, statement, 8.5x13in (A4), 11x17in, envelop		
	Allowed mediums	Paper, envelops, labels, transparencies		
	Connectivity	USB-2.0, Ethernet 10/100 network		
	Network connectivity support	Built-in Ethernet		
	Typefaces/fonts	TrueType fonts		

	<i>Duty cycle (monthly, A4)</i>	Specify		
	<i>Recommended Monthly Page Volume</i>	Specify		
	<i>Toner price and capacity</i>	Specify		
	<i>Price per page</i>	Specify		
	<i>Other features</i>	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorization letter from principals should be attached.		
	<i>Accessories</i>	Printer driver / software, Necessary Cable and Manuals		
	<i>Warranty</i>	One year comprehensive onsite warranty		
	<i>Unit Price</i>			
13	Printer Laser Type II			
	<i>Make / Brand</i>	Should be an internationally reputed brand		
	<i>Model Number</i>	Specify		
	<i>Country of Origin</i>	Specify		
	<i>Print Technology</i>	Laser		
	<i>Processor Speed</i>	1.2GHz		
	<i>Memory</i>	512 MB		
	<i>Printing speed</i>	A4 black: Up to 35 ppm		
		First page out - 8 sec		
	<i>Output Resolution</i>	Up to 1200x1200 dpi		
	<i>Duplex printing</i>	Automatic (Standard)		
	<i>Paper trays, standard</i>	2		
	<i>Paper handling – Input multipurpose tray 1</i>	100-sheet		
	<i>Paper handling – Input tray2</i>	550-sheet		
	<i>Paper handling - Output bin</i>	250-sheet		

	Supported paper sizes	Letter, A3, A4, envelop		
	Allowed mediums	Paper, envelops, labels, transparencies		
	Connectivity	USB-2.0, 10/100/1000 Gigabit Ethernet		
	Network connectivity support	Built-in Gigabit Ethernet		
	Typefaces/fonts	TrueType fonts		
	Duty cycle (monthly, A4)	up to 150,000		
	Recommended Monthly Page Volume	7500		
	Toner price and capacity	Specify		
	Price per page	Specify		
	Other features	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorization letter from principals should be attached.		
	Accessories	Printer driver / software, Necessary Cable and Manuals		
	Warranty	One year comprehensive onsite warranty		
	Unit Price			
14	Printer Multifunctional Type I			
	Make	Specify		
	Model No	Specify		
	Country of origin	Specify		
	Type	Desktop multifunctional printer		
	Functions	Color Scanning / Copying / Printing		
	Display	Color LCD display		
	Technology			
	Printing Method	Ink printing		

Nozzle Configuration	800 Nozzles black, 256 Nozzles per colour		
Minimum Droplet Size	2.8 pl		
All-in-One Functions	Print, Scan, Copy, Fax		
Print			
Printing Speed	33 pages/min Monochrome (plain paper), 20 pages/min Colour (plain paper)		
Printing Resolution	4,800 x 2,400 dpi		
Max Duty cycle	20,000 pages per month		
Colours	Black, Cyan, Yellow, Magenta		
Copy			
Scanning Resolution	1,200 dpi x 2,400 dpi (Horizontal x Vertical)		
Output formats	BMP, JPEG, TIFF, PDF, searchable PDF		
Scanner type	Contact image sensor (CIS)		
Paper / Media Handling			
Paper Formats	A4, A5, A6, B5, C4 (Envelope), C6 (Envelope), DL (Envelope), No. 10 (Envelope), Letter, 10 x 15 cm, 13 x 18 cm, 16:9, User defined, Legal		
Automatic Document Feeder capacity	35 pages		
Compatible Paper Weight	64 g/m ² - 256 g/m ²		

<i>Duplex</i>	Yes		
<i>Output Tray Capacity</i>	125 Sheets		
<i>Paper Tray Capacity</i>	250 Sheets Standard, 250 Sheets maximum		
<i>Number of paper trays</i>	1		
<i>Connectivity Interfaces</i>	Hi-Speed USB - compatible with USB 2.0 specification, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN IEEE 802.11b/g/n, Wi-Fi Direct		
<i>WLAN Security</i>	WEP 64 Bit, WEP 128 Bit, WPA PSK (TKIP), WPA PSK (AES)		
<i>Recommended Monthly Page Volume</i>	Specify		
<i>Ink cartridge price and capacity</i>	Specify		
<i>Price per page</i>	Specify		
<i>Other features</i>	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorization letter from principals should be attached.		
<i>Accessories</i>	Printer driver / software, Necessary Cable and Manuals		
<i>Warranty</i>	One year comprehensive onsite warranty		
<i>Unit Price</i>			

15	Printer Multifunctional Type II		
<i>Make</i>	Specify		
<i>Model</i>	Specify		
<i>Country of origin</i>	Specify		
<i>Type</i>	Multifunction Colour Ink tank printer		
<i>Printing resolution (dpi)</i>	4800* (horizontal) x 1200 (vertical)		
	* Ink droplets can be placed with a pitch of 1/4800 inch at minimum.		
<i>Interface</i>	USB Port:		
	Hi-Speed USB		
	LAN Port:		
	Wireless LAN: IEEE802.11n / IEEE802.11g / IEEE802.11b		
<i>Print Speed</i>	Document colour: 20ppm, B/W: 32 ppm		
<i>Paper Size</i>	A3, A4, A5, B5, LTR, LGL, 4 x 6", 5 x 7", 8 x 10", Envelopes (DL, COM10, Square (5 x 5")), Business Card, Custom size (width 55 – 215.9mm, length 89 – 676mm)		
<i>Print Speed</i>	Document colour: 20ppm, B/W: 32 ppm		
<i>Duplex printing</i>	Automatic		
<i>Power supply</i>	AC 100-240 V, 50/60 Hz		
<i>Print Head/Ink</i>	Total 1472 nozzles (BK 320 nozzles, C/M/Y each 384 nozzles)		

ADF capacity	4 or Letter size: max. 20 sheets (20 lb/75 g /m2 paper), up to 0.08 inch/2 mm in height		
	Legal size: max. 5 sheets (20 lb/75 g /m2 paper), up to 0.02 inch/0.5 mm in height		
Copy Specifications			
Multiple copy	max. 99 pages		
Intensity adjustment	9 positions, Auto intensity (AE copy)		
Reduction / Enlargement	25 % - 400 % (1 % unit)		
Scan Specifications			
Scanner driver	Windows: TWAIN 1.9 Specification, WIA		
Maximum scanning size	Platen Glass: A4/Letter, 8.5" x 11.7"/216 x 297 mm		
	ADF: A4/Letter/Legal, 8.5" x 14.0"/216 x 356 mm		
Scanning resolution	Optical resolution (horizontal x vertical) max: 600 x 1200 dpi		
	Interpolated resolution max: 19200 x 19200 dpi		
Gradation (Input / Output)	Gray: 16 bit/8 bit		
Fax Specifications			
Applicable line	Public Switched Telephone Network (PSTN)		
Communication mode	Super G3, G3		
	Black: MH, MR, MMR		

<i>Data compressing system</i>	Color: JPEG		
<i>Modem speed</i>	max. 33.6 kbps		
	(Automatic fallback)		
<i>Transmission speed</i>	Black: Approx. 3 seconds/page at 33.6 kbps		
	(Based on ITU-T No.1 chart for US specifications and Canon FAX Standard chart No.1 for others, both in standard mode.)		
	Color: Approx. 1 minute/page at 33.6 kbps		
	(Based on Canon COLOR FAX TEST SHEET.)		
<i>Gradation</i>	Black: 256 levels		
	Color: 24 bit Full Color (RGB each 8 bit)		
<i>Density adjustment</i>	3 levels		
<i>Memory</i>	Transmission/reception: approx. 50 pages		
	(Based on ITU-T No.1 chart for US specifications and Canon FAX Standard chart No.1 for others, both in standard mode.)		
<i>Fax resolution</i>	Black Standard: 203 pels/inch x 98 lines/inch (8 pels/mm x 3.85 lines/mm)		
	Black Fine, Photo: 203 pels/inch x 196 lines/inch (8 pels/mm x 7.70 lines/mm)		

	Black Extra fine: 300 x 300 dpi		
	Color: 200 x 200 dpi		
Dialing	Automatic dialing		
	- Recipient (max. 20 destinations)		
	- Group dial (max. 19 destinations)		
	Regular dialing (with Numeric buttons)		
	Automatic redialing		
	Manual redialing (max. 10 destinations)		
Others	Activity report (after every 20 transactions)		
	Sequential broadcasting (max. 21 destinations)		
	Rejected numbers (max. 10 destinations)		
Network Specifications			
Wireless LAN	Supported Standards: IEEE802.11n / IEEE802.11g / IEEE802.11b		
	Frequency bandwidth: 2.4 GHz		
	Channel: 1-11 or 1-13		
	Communication distance: Indoors 164 feet/50 m		
	Security:		
	WEP (64/128 bits)		
	WPA-PSK (TKIP/AES)		
	WPA2-PSK (TKIP/AES)		
Setup:			

		WPS (Push button configuration/PIN code method)		
		WCN (WCN-NET)		
		Easy wireless connect		
		Other Features: Administration password		
16	Scanner Type I			
	<i>Make / Brand</i>	Should be an internationally reputer brand		
	<i>Model Number</i>	Specify		
	<i>Country of Origin</i>	Specify		
	<i>Type</i>	Flatbed Scanner		
	<i>Scanning element</i>	CIS		
	<i>Light source</i>	LED		
	<i>Optical resolution</i>	4800 x 4800dpi		
	<i>Selectable resolution</i>	25 - 19200dpi		
	<i>Interface</i>	Hi-Speed USB 2.0		
	<i>Scanning gradation (colour)</i>	48bit input -> 48/24 bit output		
	<i>Scanning gradation (greyscale)</i>	16 bit input -> 8 bit output		
	<i>Maximum document size</i>	A4		
	<i>Scan Buttons</i>	5 buttons (PDF x 2, AUTOSCAN, COPY, SEND)		
	<i>Scanning speed (colour)</i>	2.2msec/line (300 dpi), 33.2 msec/line (4800dpi)		
	<i>Scanning speed (greyscale)</i>	2.2 msec./line (300 dpi), 11.1 msec/line (4800dpi)		
	<i>Scan speed (A4, 300dpi, Colour)</i>	Approx. 10 sec		
	<i>Software included</i>	Scan Utility, Quick Menu		
	<i>Power supply</i>	Supplied via USB port		
	<i>Power consumption</i>	approx. 2.5W		
	<i>Dimensions</i>	Specify		
	<i>Weight</i>	Specify		
	<i>Supported Operating Systems</i>	Windows 10, Windows 7, Mac OS		
	<i>Warranty</i>	One year comprehensive onsite warranty		
	<i>Unit Price</i>			

17 Scanner Type II				
<i>Make / Brand</i>	Should be an internationally reputed brand			
<i>Model Number</i>	Specify			
<i>Country of Origin</i>	Specify			
<i>Type</i>	Flatbed Scanner			
<i>Scanning element</i>	CCD			
<i>Light source</i>	LED			
<i>Optical resolution</i>	6400 dpi			
<i>Scanning Resolution</i>	6400 dpi x 9600 dpi			
<i>Interface</i>	Hi-Speed USB 3.0/2.0			
<i>Scanning gradation (colour)</i>	48bit input -> 48 bit output			
<i>Scanning gradation (greyscale)</i>	16 bit input -> 8 bit output			
<i>Scan file format</i>	Specify			
<i>Maximum document size</i>	A3			
<i>Control panel</i>	2 quick start buttons (Scan, Copy), Cancel, Tools, Powersave			
<i>Scanning speed (colour)</i>	12 sec/page (A4, 300 dpi)			
<i>Scanning speed (greyscale)</i>	13 sec/page (A4, 300 dpi)			
<i>Software included</i>	Scan Utility, Quick Menu			
<i>Input voltage</i>	100 to 240 V, 50/60 Hz			
<i>Dimensions</i>	Specify			
<i>Weight</i>	Specify			
<i>Supported Operating Systems</i>	Windows 10, Windows 7, Mac OS			
<i>Warranty</i>	One year comprehensive onsite warranty			
<i>Unit Price</i>				
18 Scanner Type III				
<i>Make / Brand</i>	Should be an internationally reputed brand			
<i>Model Number</i>	Specify			
<i>Country of Origin</i>	Specify			
<i>Type</i>	barcode scanner			
<i>Form Factor</i>	Handheld, Continuous, Auto-induction			
<i>Auto-induction time</i>	0.3s			
<i>Scanning type</i>	bi-directional			
<i>Scan Element Type</i>	Visible laser diode			
<i>Scan Speed</i>	200 scans / sec			
<i>OK Notification</i>	LED indicator, beeper			

<i>Interface Type</i>	USB		
<i>Light Source Wave Length</i>	650 nm		
<i>Barcodes</i>	Codabar, Code 11, Code 128, Code 128 Full ASCII, Code 39, Code 39 Full ASCII, Code 39 Trioptic, Code 93, Discrete 2 of 5, IATA, Interleaved 2 of 5, UCC/EAN-128, UPC		
<i>Skew (Degrees)</i>	65		
<i>Pitch (Degrees)</i>	60		
<i>Features</i>	Advanced Data Formatting (ADF), Global Trade Item Number (GTIN), Reduced Space Symbology (RSS)		
<i>Decode Capability</i>	Code 93, Code 39, UCC/EAN-128, IATA, Code 39 Full ASCII, Discrete 2 of 5, Codabar, Code 128, Code 11, UPC, Interleaved 2 of 5, Code 128 Full ASCII, Code 39 Trioptic		
<i>Warranty</i>	1 year comprehensive onsite warranty		
<i>Unit Price</i>			
19	Digital Duplicator		
<i>Make / Brand</i>	Should be an internationally reputed brand		
<i>Model Number</i>	Specify		
<i>Country of Origin</i>	Specify		
<i>Country of manufacture</i>	Specify		
<i>Type</i>	Floor stand model		
<i>Master Making</i>	Thermal Digital		
<i>Scan Resolution</i>	600dpi×600dpi		
<i>Print Resolution</i>	600dpi×600dpi		
<i>Document Size</i>	MAX.297×432mm		
<i>Paper size</i>	MAX: 320×450mm		
	MIN: 100×148mm		
<i>Image area</i>	A3 (290×423mm)		
<i>Feeder / Stacker capacity</i>	1,200 sheets (80gsm)		
<i>ADF Capacity</i>	100 sheet(64gsm), 85 sheets(80gsm)		
<i>First print speed</i>	18 sec		
<i>Consumable level indicator</i>	Remaining ink & master indicator on panel		
<i>Paper weight</i>	45 - 210gsm		
<i>Operation Panel</i>	Full color touch panel		
<i>Zoom</i>	50~500%		

	Image modes	Text, Photo, Text and Photo, Screen, Photo dark, Contrast control		
	Print speed	45 - 130ppm (5 steps) +Top Speed 150ppm		
	Method of ink supply and master feeding and ejecting	Fully automatic		
	Connectivity to the computer	Built in USB interface		
	OS support	Windows 10, Windows 7 and Mac OS		
	Power source	100-240V, 50/60Hz		
	Warranty	Three year comprehensive onsite warranty		
	Unit Price			
20	External Hard Drive Type I			
	Make / Brand	Specify		
	Model Name / Number	Specify		
	Capacity	1 TB		
	Power	USB powered, no AC adapter required		
	Connection Interface	USB 3.0 and USB 2.0 compatibility		
	Transfer rate	Max. 5 Gb/s (USB 3.0), 480 Mb/s (USB 2.0)		
	Compatibility	All Operating System (Windows 7,8,10, Linux, Mac OS), no software installation required		
	Size	Slim Form		
	Plug-and-Play	Yes		
	Accessories	USB cable, User's Guide		
	Warranty	1 Year		
	Unit Price			
21	External Hard Drive Type II			
	Make / Brand	Specify		
	Model Name / Number	Specify		
	Capacity	2 TB		
	Power	USB powered, no AC adapter required		
	Connection Interface	USB 3.0 and USB 2.0 compatibility		
	Transfer rate	Max. 5 Gb/s (USB 3.0), 480 Mb/s (USB 2.0)		

	Compatibility	All Operating System (Windows 7,8,10, Linux, Mac OS), no software installation required		
	Size	Slim Form		
	Plug-and-Play	Yes		
	Accessories	USB cable, User's Guide		
	Warranty	1 Year		
	Unit Price			
22	External Hard Drive Type III			
	Make / Brand	Specify		
	Model Name / Number	Specify		
	Capacity	3 TB		
	Power	USB powered, no AC adapter required		
	Connection Interface	USB 3.0 and USB 2.0 compatibility		
	Transfer rate	Max. 5 Gb/s (USB 3.0), 480 Mb/s (USB 2.0)		
	Compatibility	All Operating System (Windows 7,8,10, Linux, Mac OS), no software installation required		
	Size	Slim Form		
	Plug-and-Play	Yes		
	Accessories	USB cable, User's Guide		
	Warranty	1 Year		
	Unit Price			
23	External DVD writer			
	Make / Brand	Specify		
	Model Name / Number	Specify		
	Power	USB powered, no AC adapter required		
	Connection Interface	USB 3.0 and USB 2.0 compatibility		
	Transfer rate	480 Mb/s (USB 2.0)		
	DVD Write speed	8xDVD±R		
	CD Write speed CD	24x		
	Connectivity support	TV, Computer		
	Compatibility	All Operating System (Windows 7,8,10, Linux, Mac OS), no software installation required		

	<i>Size</i>	Slim portable		
	<i>Plug-and-Play</i>	Yes		
	<i>Accessories</i>	USB cable, Writing software suite, User's Guide		
	<i>Warranty</i>	1 Year		
	<i>Unit Price</i>			
24	Multimedia Projector			
	<i>Brand</i>	Specify		
	<i>Model</i>	Specify		
	<i>Projection Technology</i>	3 LCD		
	<i>Brightness (White Light Output) normal mode</i>	3600 ANSI Lumens or higher		
	<i>Brightness (Colour Light Output) normal mode</i>	3600 ANSI Lumens or higher		
	<i>Contrast Ratio</i>	10000:1 or higher		
	<i>Optical Zoom</i>	Manual		
	<i>Minimum Optical Zoom Ratio</i>	1.2x		
	<i>Focus</i>	Manual		
	<i>Native Aspect Ratio</i>	4 : 3		
	<i>Computer compatibility</i>	VGA/SVGA/XGA/SXGA		
	<i>Native resolution</i>	XGA 1024x768		
	<i>Intelligent resizing</i>	1280x1024 or more		
	<i>Video compatibility</i>	PAL/SECAM/NTSE		
	<i>Lamp life (Normal mode)</i>	More than 5000 hrs.		
	<i>Lamp life (Economic mode)</i>	More than 6000 hrs.		
	<i>Audio output</i>	2w		
	<i>Input terminals</i>	USB 2.0 type A, USB 2.0 type B, LAN: RJ45, VGA in (D-Sub 15 pin), Stereo mini jack, HDMI in, video: RCA (Yellow), Audio: RCA (Red/White), S-video		
	<i>Output terminals</i>	VGA out (D-sub 15 pin), Stereo mini jack		
	<i>Keystone correction</i>	Vertical: +/-30 degrees		

		Horizontal: +/-30 degrees		
	Auto keystone correction	Vertical: +/-30 degrees		
	Screen size (Projected Distance)	30" to 300" (2.7' – 34.2')		
	Projection method	Front/ rear/ ceiling mount		
	Fan noise (Normal / Eco)	37dB / 28dB		
	Packing	Free carrying case		
	Weight	Specify		
	Accessories	Standard accessories, power cord, RGB cable, HDMI Cable		
	Warranty	3 years comprehensive warranty		
	Uni Price			
25	Interactive projector with accessories			
	Make	Specify		
	Model	Specify		
	Country of Origin	Specify		
	Country of manufacturers	Specify		
	Projection Technology	3LCD, 3-chip technology		
	Display method	Front, Wall mount, Table		
	Color Light Output	4,400 Lumens		
	White Light Output	4,400 Lumens		
	Native Resolution	1920 x 1200, WUXGA		
	High Definition	Full HD		
	Aspect Ratio	16:10		
	Contrast Ratio	16,000 : 1		
	Color reproduction	1 billion colors		
	Lamp Life	10,000 hours (ECO Mode), 5,000 hours (Normal Mode)		
	Keystone Correction Manual	Vertical: $\pm 3^\circ$ Horizontal $\pm 3^\circ$		
	Optical			
	Throw Ratio Range	0.27 (Zoom: Wide), 0.37 (Zoom: Tele)		
	Digital Zoom Ratio	1.0 - 1.35x		
	Image Size	70 inches - 100 inches		
	Projection Distance Wide	0.4 m (70 inch screen)		
	Projection Distance Tele	0.6 m (100 inch screen)		
	Focal Length	4.2 mm		

Focus	Manual		
Offset	5.8 : 1		
Connectivity			
Interfaces	USB-A x 2, USB-B, RS-232C, Wired LAN, Wireless LAN, VGA in, VGA out, HDMI x 2, MHL, S-Video in, Stereo mini jack audio out, Stereo mini jack audio in x 2, TCH, Sync. in, Sync. out		
iProjection	App Ad-Hoc / Infrastructure		
Advanced Features			
Security	Kensington lock, Control panel lock, Password lock, Padlock, Security cable hole, Wireless LAN unit lock, Wireless LAN security, Password protection		
Features	Auto Calibration, Auto brightness adjustment, Automatic input selection, Built-in speaker,		
	Customizable user logo, Digital zoom,		
	Direct Power on/off, Document Camera Compatible, Driverless installation,		
	Dual Pen Support, Dynamic lamp control,		
	Easy OSD pre-setting, Finger-touch support,		
	Home Screen, Long lamp life, Microphone input, Multi-screen interactivity, spec text option features projector pc interactive, PC free annotation,		
	iProjection App for Chromebook,		
	Split-Screen-Function, iProjection App		
Interactivity	pen and finger-touch		
Video Color Modes	Blackboard, Cinema, Dynamic, Presentation, sRGB		
Projector control	via: AMX, Crestron, Control4		
Accessories			
Accessories	· Quick Start Guide		
	· 15' power cable		
	· 5m USB A/B cable		
	· 5m USB extender cable		
	· electronic user manual		
	· interactive driver for Mac and PC		
	· Easy Interactive Tools		
	· Network Management software		

		· projector remote control		
		· two (2) interactive pens		
		· pen tray		
		· two (2) AA batteries (for interactive pens) plus battery charger		
		· two (2) AA batteries (for remote)		
		· Wall mount		
		· Soft pen tips (4)		
		· Hard pen tips (2)		
		· Touch module		
		· Touch module cable		
		· Touch module mounting bracket		
	Extra Accessories	· Document camera,		
		· Compact 2 Megapixel USB document camera.		
		· External Speakers,		
		· Wireless LAN unit,		
		· 100" Whiteboard for Projection and Dry-erase		
	Warranty	Three years comprehensive		
	Unit Price			
26	Projector screen			
	Make	Specify		
	Model	Specify		
	Aspect ratio	4:3 or 16:9		
	Mountable	Wall and Ceiling		
	Width or Length	Minimum 300cm		
	Height	Minimum 250cm		
	Weight	Specify		
	Projection Mode	Front projection		
	Material	Matte White		
	Warranty	Specify		
	Unit Price			
27	Photocopier			
	Make / Brand	Should be an internationally repute brand		
	Model Name / Number	Specify		
	Country of Origin	Specify		
	Type	Multi functional printer (Scanning / Copying / Printing)		
	Maximum original size	A3		
	Copy size	Cassette: A5R - A3		

	Stack Bypass: A5 - A3		
Double sided scanning	2-sided to 2-sided (Automatic)		
Resolution	Scanning: 600dpi x 600dpi		
	Copying: 1200dpi x 1200dpi		
	Printing: 1200dpi x 1200dpi		
Copy/print speed	A4: 65ppm		
	A3: 32ppm		
First copy time	Less than 5.2 sec		
Warm-up time	30 sec max (10 sec max from sleep mode)		
Multiple Copies/Prints	up to 9999 prints		
Duplex printing	Standard automatic		
Paper Supply	Standard: 540 sheets x 2 cassettes (1080 sheets)		
	Multi Stack Bypass: 50 sheets (80gsm)		
Paper Weights	Cassette: 64 to 90gsm		
Paper size	Cassette: Universal: A5R to A3		
CPU	1.33 GHz (Dual-Core)		
Memory	4 GB		
Hard disk drive(optional)	320GB		
Connectivity Interface	Ethernet (10/100/1000 Base-T) RJ45, USB 2.0 (direct printing capability)		
Recommended Monthly PageVolume	Specify		
Toner price and yield	Specify		
Drum price and capacity (if necessary)	Specify		
Price per page	Specify		
Other features	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorization letter from principals should be attached.		
Accessories	Cables and operation manual		
Base	Stand with caster wheels		
Supported OS	Windows10, Windows 7, Mac OS, Linux		
Dimensions (WxDxH)	Specify		
Weight	Specify		
Power supply	220-240V, 50/60Hz		
Warranty	Three years comprehensive onsite warranty		

	<i>Unit Price</i>			
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2. Bidders Response

Item No	Name and Minimum Specifications		Bidders Response		If “No” indicate the specifications
			Yes	No	
1	Server System Type I				
	<i>(i) Make</i>	Should be a world recognized Brand (Specify)			
	<i>(ii) Model</i>	Should be mentioned by the bidder			
	<i>(iii) Country of Origin</i>	Should be mentioned by the bidder			
	<i>(iii) Country of manufacture</i>	Should be mentioned by the bidder			
	<i>(iv) Year of Manufacture</i>	Should be mentioned by the bidder			
	<i>Server Type</i>	Tower model			
	<i>Processor</i>	Intel Xeon Silver Series			
		8 Cores, Clock speed between 2.0-3.0 GHz			
		10MB Intel Smart Cache or more			
	<i>No. of Processors</i>	Two Processors			
	<i>Chipset</i>	Should provide Intel support features (Intel Boot Guard, Intel Quick Assist, Intel Trusted Execution Technology, and Memory Protection Extensions)			
	<i>Memory</i>	64GB and should support up to 512GB			

	<i>RAID Controller</i>	Embedded SAS 12 GB/s RAID controller with 2G of battery backup cache			
	<i>Hard Disk Capacity</i>	Should have minimum six 1.2TB SAS Disks			
	<i>Hard Disk Upgrade</i>	Should be upgradable up to 19TB internally			
	<i>No. of Hard Disk Bays</i>	Should support at least 8, 2.5" Hot pluggable hard disk bays			
	<i>Optical Drive</i>	DVD+RW SATA(Internal)			
	<i>Network Interface on board</i>	Minimum Quad port 1G network			
	<i>Input/output ports</i>	Front - 1 x USB 2.0, available USB 3.0 dedicated Management port , Rear ports - Video, serial(should be on board), 2 x USB 3.0			
	<i>PCI Cards</i>	Minimum 2 PCI Slots(Should be low profile)			
	<i>Power Supply</i>	Dual 550W hot pluggable			
	<i>Cooling Fans</i>	Minimum 6 hot plugs fans with full redundancy			
	<i>Server Management</i>	Should have performance monitoring & management Hardware, Software through a virtual console(up to 6 Users) providing both inbound and out of band remote management of the server with dedicated NIC			
		Secure multi-faceted support for server management automation - (HTTPS, SSL, AD, LDAP, Smart card) and should support system lock down mode for system protection.			
	<i>Supported Hypervisor</i>	Should support VMware Hypervisor 6.7			
	<i>Supported OS</i>	Canonical Ubuntu LTS, Microsoft Windows Server 2016 with Hyper-V Red Hat Enterprise Linux, SUSE Linux Enterprise Server , VMware ESXi			
	<i>OS</i>	Windows Server 2016 with Hyper-V			
	<i>Drivers</i>	System drivers should be supplied			

	Warranty	Manufacturer's comprehensive warranty for minimum of Five years (05) for all the components of the server. During the warranty period, all defective parts should be replaced free of charge			
	Brochures	Brochures of the quoted model should be supplied. If any changes of given model against original brochure, bidder should provide clarification from the manufacture.			
	Remarks	(i) Incomplete bids will be liable to reject during evaluation phase.			
		ii) Over clocked configurations will not be considered			
	Unit price				
2	Server System Type II				
	(i) Make	Should be a world recognized Brand (Specify)			
	(ii) Model	Should be mentioned by the bidder			
	(iii) Country of Origin	Should be mentioned by the bidder			
	(iii) Country of manufacture	Should be mentioned by the bidder			
	(iv) Year of Manufacture	Should be mentioned by the bidder			
	Server Type	Rack mountable			
	Processor	Intel Xeon Silver Series			
		8 Cores, Clock speed between 2.0-3.0 GHz			
		10MB Intel Smart Cache or more			
	No. of Processors	Two Processors			

	Chipset	Should provide Intel support features (Intel Boot Guard, Intel Quick Assist, Intel Trusted Execution Technology, and Memory Protection Extensions)			
	Memory	64GB and should support up to 512GB			
	RAID Controller	Embedded SAS 12 GB/s RAID controller with 2G of battery backup cache			
	Hard Disk Capacity	Should have minimum six 1.2TB SAS Disks			
	Hard Disk Upgrade	Should be upgradable up to 19TB internally			
	No. of Hard Disk Bays	Should support at least 8, 2.5" Hot pluggable hard disk bays			
	Optical Drive	DVD+RW SATA(Internal)			
	Network Interface on board	Minimum Quad port 1G network			
	Input/output ports	Front - 1 x USB 2.0, available USB 3.0 dedicated Management port , Rear ports - Video, serial(should be on board), 2 x USB 3.0			
	PCI Cards	Minimum 2 PCI Slots(Should be low profile)			
	Power Supply	Dual 550W hot pluggable			
	Cooling Fans	Minimum 6 hot plugs fans with full redundancy			
	Server Management	Should have performance monitoring & management Hardware, Software through a virtual console(up to 6 Users) providing both inbound and out of band remote management of the server with dedicated NIC			
		Secure multi-faceted support for server management automation - (HTTPS, SSL, AD, LDAP, Smart card) and should support system lock down mode for system protection.			
	Supported Hypervisor	Should support VMware Hypervisor 6.7			

	Supported OS	Canonical Ubuntu LTS, Microsoft Windows Server 2016 with Hyper-V Red Hat Enterprise Linux, SUSE Linux Enterprise Server , VMware ESXi			
	OS	Windows Server 2016 with Hyper-V			
	Drivers	System drivers should be supplied			
	Warranty	Manufacturer's comprehensive warranty for minimum of Five years (05) for all the components of the server. During the warranty period, all defective parts should be replaced free of charge			
	Brochures	Brochures of the quoted model should be supplied. If any changes of given model against original brochure, bidder should provide clarification from the manufacture.			
	Remarks	(i) Incomplete bids will be liable to reject during evaluation phase.			
		(ii) Over clocked configurations will not be considered			
	Unit price				
3	Laptop Computer Type I				
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)			
	Model Name	Specify			
	Dimensions (WxDxH)	Specify			
	Weight	Specify			
	System Type	Laptop			
	Processor	8th Generation Intel Core i5-8250U Processor (6MB Cache, frequency 1.6GHz, Turbo frequency 3.4 GHz)			
	RAM	8 GB DDR4-2400MHz SDRAM			
	Hard Drive	1 TB SATA Hard Drive (5400 RPM)			
	Optical Storage	SuperMulti DVD burner			
	Display	15.6 diagonal FHD anti-glare WLED-backlit (1920 x 1080)			
	Video conferencing	Wide Vision HD Webcam with Dual Digital Microphone			

<i>Audio chipset and Speakers</i>	Built in with built in Stereo speakers			
<i>Wireless LAN support</i>	Built-in with built-in antenna			
<i>Supported wireless protocols</i>	IEEE 802.11ac/a/b/g/n			
<i>Bluetooth</i>	Inbuilt Bluetooth 4.1			
<i>Memory card reader</i>	In-built support for different memory card sizes			
<i>Connectivity Interfaces: USB</i>	1 x USB 3.1, 2 x USB 2.0			
<i>Connectivity Interfaces: Audio</i>	Stereo microphone in, Stereo headphone out			
<i>Connectivity Interfaces: Video</i>	HDMI x 1			
<i>Connectivity Interfaces: Networking</i>	Integrated 10/100/1000 Gigabit Ethernet LAN			
<i>Power</i>	AC 160 – 230 V (50/60HZ)			
<i>Battery</i>	4 cell Lithium-ion			
<i>Battery Capacity</i>	Specify			
<i>Operating System</i>	Windows 10 Pro 64 Bit (OEM) - Should provide proof of authentication			
<i>Other features</i>	Having a service centre in Jaffna or close proximity area is preferred			
	Brochures / Technical documents supporting offered features must be provided			
	Should be an Authorised supplier of the quoted brand (Document proof should be provided)			
<i>Accessories</i>	Charger and carrying case			
<i>Warranty</i>	3 Years comprehensive manufacturer warranty			
<i>Unit Price</i>				
4	Laptop Computer Type II			
<i>Make</i>	Should be a Branded Product (with ISO 9000 certification for manufacturing)			
<i>Model Name</i>	Specify			
<i>Dimensions (WxDxH)</i>	Specify			

Weight	Specify			
System Type	Laptop			
Processor	Intel Core i7-8550U 8th Generation Processor (8MB Cache, frequency 1.8GHz, Turbo frequency 4.0 GHz)			
RAM	8 GB DDR4-2400MHz SDRAM			
Hard Drive	1 TB SATA Hard Drive (5400 RPM)			
Optical Storage	SuperMulti DVD burner			
Display	15.6 diagonal FHD IPS UWVA anti-glare WLED-backlit (1920 x 1080)			
Video conferencing	Wide Vision HD Webcam with Dual Digital Microphone			
Audio chipset and Speakers	Built in with built in Stereo speakers			
Wireless LAN support	Built-in with built-in antenna			
Supported wireless protocols	IEEE 802.11ac/a/b/g/n			
Bluetooth	Inbuilt Bluetooth 4.1			
Memory card reader	In-built support for different memory card sizes			
Connectivity Interfaces: USB	3 x Hi-Speed USB 3			
Connectivity Interfaces: Audio	Stereo microphone in, Stereo headphone out			
Connectivity Interfaces: Video	HDMI x 1			
Connectivity Interfaces: Networking	Integrated 10/100/1000 Gigabit Ethernet LAN			
Power	AC 160 – 230 V (50/60HZ)			
Battery	4 cell Lithium-ion			
Battery Capacity	Specify			
Operating System	Windows 10 Pro 64 Bit (OEM)			
Other features	Having a service centre in Jaffna or close proximity area is preferred			
	Brochures / Technical documents supporting offered features must be provided			
	Should be an Authorised supplier of the quoted brand (Document proof should be provided)			

	<i>Accessories</i>	Charger and carrying case			
	<i>Warranty</i>	3 Years comprehensive manufacturer warranty			
	<i>Unit Price</i>				
5	Laptop Computer Type III				
	<i>Make</i>	Should be a Branded Product (with ISO 9000 certification for manufacturing)			
	<i>Model Name</i>	Specify			
	<i>Dimensions (WxDxH)</i>	Specify			
	<i>Weight</i>	Specify			
	<i>System Type</i>	Convertible Laptop with touch screen			
	<i>Processor</i>	8th Generation Intel Core i5-8250U Processor (6MB Cache, frequency 1.6GHz, Turbo frequency 3.4 GHz)			
	<i>RAM</i>	8 GB DDR4-2400 SDRAM			
	<i>Hard Drive</i>	2 TB 5400 rpm SATA			
	<i>Optical Storage</i>	Internal / External SuperMulti DVD burner			
	<i>Display</i>	15.6" diagonal FHD IPS micro-edge WLED-backlit touch screen (1920 x 1080)			
	<i>Video conferencing</i>	Wide Vision FHD IR camera with dual array digital microphone			
	<i>Audio chipset and Speakers</i>	Built in with built in Stereo speakers			
	<i>Wireless LAN support</i>	Built-in with built-in antenna			
	<i>Supported wireless protocols</i>	IEEE 802.11ac/a/b/g/n			
	<i>Bluetooth</i>	Inbuilt Bluetooth 4.1			
	<i>Memory card reader</i>	In-built multi card reader			
	<i>Connectivity Interfaces</i>	1 x HDMI, 3 x USB 3.0, 1 x headphone/microphone combo			
	<i>Connectivity Interface: Network</i>	Integrated 10/100/1000 Gigabit Ethernet LAN			
	<i>Battery</i>	3-cell, 41 Wh Lithium-ion prismatic			
	<i>Battery Capacity</i>	Up to 10 hours			
	<i>Power</i>	AC 160 – 230 V (50/60HZ)			

	Operating System	Windows 10 Pro 64 Bit (OEM)			
	Other features	Having a service centre in Jaffna or close proximity area is preferred			
		Brochures / Technical documents supporting offered features must be provided			
		Should be an Authorised supplier of the quoted brand (Document proof should be provided)			
	Accessories	Charger and carrying case			
	Warranty	3 Years comprehensive manufacturer warranty			
	Unit Price				
6	Desktop Computer Type I				
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)			
	Model	Specify			
	Country of Origin	Specify			
	Chassis	Mini Tower			
	Processor Family	Intel Core i3-8100 8th Generation or equivalent			
	External rated clock speed	3.6 GHz			
	Cache memory	6 MB			
	Main Memory	8GB 2400MHz DDR4 memory			
	Chipset	Intel H370 or equivalent			
	IO Ports	1 PCI Express x 16, 1 PCI Express x 1, 6 External USB 3.1 / 2.0 ports (2 in the front, 4 in the back)			
	Network Interfaces	Integrated Ethernet LAN, 10/100/1000 Mbps full duplex, Ethernet Port with RJ45 connector			
	Graphic Adapter & Interface	Integrated Intel HD Graphics 630, Video ports : VGA or DVI or HDMI			
	Hard Disk Drive	Minimum of 500 GB SATA (7200 rpm or better) disk drives			
	Optical Storage	16X Max DVD RW with Dual Layer Write Capabilities			
	Audio Interface	Integrated High Definition Audio			
	Monitor	18.5" W HD Monitor with WLED (should be the same brand)			
	Operating Voltage	160V to 230V (50/60Hz)			
	Security Features	Manual Lockable side openings			

	Keyboard	USB Keyboard			
	Mouse	USB optical mouse			
	Operating System	Windows 10 Pro 64 Bit (OEM)			
	Other features	Having a service centre in Jaffna or close proximity area is preferred			
		Brochures / Technical documents supporting offered features must be provided			
		Should be an Authorised supplier of the quoted brand (Document proof should be provided)			
	Warranty	3 Years comprehensive manufacturer warranty			
	Unit Price				
7	Desktop Computer Type II				
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)			
	Model	Specify			
	Country of Origin	Specify			
	Chassis	Mini Tower			
	Processor Family	Intel Core i5-8400 8th Generation or equivalent			
	External rated clock speed	Base 2.8GHz, Turbo 4.0 GHz or more			
	Cache memory	9 MB			
	Main Memory	8GB 2666MHz DDR4 memory			
	Chipset	Intel H370 or equivalent			
	IO Ports	1 PCI Express x 16, 1 PCI Express x 1, 4 External USB 3.1 / 2 External USB 2.0			
	Network Interfaces	Integrated Ethernet LAN, 10/100/1000 Mbps full duplex, Ethernet Port with RJ45 connector			
	Graphic Adapter & Interface	Integrated Intel HD Graphics 630, Video ports : VGA or DVI or HDMI			
	Hard Disk Drive	Minimum of 1 TB SATA (7200 rpm) disk drives			
	Optical Storage	16X Max DVD RW with Dual Layer Write Capabilities			
	Audio Interface	Integrated High Definition Audio			

Monitor	18.5" WHD Monitor with WLED (should be the same brand)			
Operating Voltage	160V to 230V (50/60Hz)			
Security Features	Manual Lockable side openings			
Keyboard	USB Keyboard			
Mouse	USB optical mouse			
Operating System	Windows 10 Pro 64 Bit (OEM)			
Other features	Having a service centre in Jaffna or close proximity area is preferred			
	Brochures / Technical documents supporting offered features must be provided			
	Should be an Authorised supplier of the quoted brand (Document proof should be provided)			
Warranty	3 Years comprehensive manufacturer warranty			
Unit Price				
8	Desktop Computer Type III			
Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)			
Model	Specify			
Country of Origin	Specify			
Chassis	Mini Tower			
Processor Family	Intel Core i7-8700 8th Generation or equivalent			
External rated clock speed	4.6 GHz or more			
Cache memory	12 MB			
Main Memory	8GB 2666MHz DDR4 memory			
Chipset	Intel Q370 or equivalent			
IO Ports	1 PCI Express x 16, 1 PCI Express x 1, 4 External USB 3.1, 2 External USB2.0			
Network Interfaces	Integrated Ethernet LAN, 10/100/1000 Mbps full duplex, Ethernet Port with RJ45 connector			
Graphic Adapter & Interface	Integrated Intel HD Graphics 630, Video ports : VGA or DVI or HDMI			
Hard Disk Drive	Minimum of 1 TB SATA (7200 rpm or better) disk drives			

	Optical Storage	16X Max DVD RW with Dual Layer Write Capabilities			
	Audio Interface	Integrated High Definition Audio			
	Monitor	18.5" WHD Monitor with WLED (should be the same brand)			
	Operating Voltage	160V to 230V (50/60Hz)			
	Security Features	Manual Lockable side openings			
	Keyboard	USB Keyboard			
	Mouse	USB optical mouse			
	Operating System	Windows 10 Pro 64 Bit (OEM)			
	Other features	Having a service centre in Jaffna or close proximity area is preferred			
		Brochures / Technical documents supporting offered features must be provided			
		Should be an Authorised supplier of the quoted brand (Document proof should be provided)			
	Warranty	3 Years comprehensive manufacturer warranty			
	Unit Price				
9	UPS Type I				
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)			
	Model	Specify			
	Country of Origin	Specify			
	Mode of operation	Line Interactive			
	Input Voltage	220 V +/- 25%			
	Output power Capacity	650 VA, 390W			
	Output voltage	230 V			
	Input Connection type	Hard Wire 3-Wire			
	Output connection	2 x IEC 320 C13 / Universal Sockets			
	Backup time	7 - 15 min			
	Battery type	Maintenance – free sealed Lead – Acid battery with suspended electrolyte, Leak Proof			

	Approval from independent agencies	Should have approval certificate from external agencies (Annex proof of document)			
	EMC for Functional Safety	Should have functional safety certificate from external agencies (Annex proof of document)			
	Other technical features	Surge and Noise protection			
		Should have audible fault detection / alarm			
		LED status display with On Line, On Battery, Charge level, Replace Battery and Overload indicators			
		Should have automatic measure to prevent complete run down of battery			
		Should have a management interface			
	Other features	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorized letters from principals to certify these should be attached.			
		The manufacturer should have minimum of ten years experience in manufacturing the same brand			
		Having a service Centre in Jaffna or close proximity area is preferred			
		Broachers/Technical documents supporting offered features must be provided			
	Others	Necessary cables, Hardware set up guides and manuals,			
		Country of Origin and Country of Manufacture should be clearly mentioned.			
	Warranty	Two years comprehensive onsite warranty – Warranty should cover the whole unit including battery.			
	Unit Price				
10	UPS Type II				
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)			
	Model	Specify			
	Country of Origin	Specify			

Mode of operation	Line Interactive			
Input Voltage	220 V +/- 25%			
Output power Capacity	1200 VA, 720W			
Output voltage	230 V			
Input Connection type	Hard Wire 3-Wire			
Output connection	4 x IEC 320 C13 / Universal Sockets			
Backup time	7 - 15 min			
Battery type	Maintenance – free sealed Lead – Acid battery with suspended electrolyte, Leak Proof			
Approval from independent agencies	Should have approval certificate from external agencies (Annex proof of document)			
EMC for Functional Safety	Should have functional safety certificate from external agencies (Annex proof of document)			
Other technical features	Surge and Noise protection			
	Should have audible fault detection / alarm			
	LED status display with On Line, On Battery, Charge level, Replace Battery and Overload indicators			
	Should have automatic measure to prevent complete run down of battery			
	Should have a management interface			
Other features	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorized letters from principals to certify these should be attached.			
	The manufacturer should have minimum of ten years experience in manufacturing the same brand			
	Having a service Centre in Jaffna or close proximity area is preferred			
	Broachers/Technical documents supporting offered features must be provided			
Others	Necessary cables, Hardware set up guides and manuals,			

		Country of Origin and Country of Manufacture should be clearly mentioned.			
	Warranty	Two years comprehensive onsite warranty – Warranty should cover the whole unit including battery.			
	Unit Price				
11	UPS Type III				
	Make	Should be a Branded Product (with ISO 9000 certification for manufacturing)			
	Model	Specify			
	Country of Origin	Specify			
	Mode of operation	Online			
	Input Connection	Dual input, hardwired			
	Input Voltage	230 Vac Single phase			
	Input Voltage range	'220 +10%, -15%			
	Operating frequency	50/60 Hz			
	Input power factor	0.99			
	Output Connection	Hardwired			
	Output power Capacity	10KVA/9KW			
	Output voltage	230 Vac, 50/60Hz			
	Backup time	25 min at full load			
	Battery type	Maintenance – free sealed Lead – Acid battery with suspended electrolyte, Leak Proof			
	Efficiency	92% with nominal linear load, 91% with nominal computer load			
	Audible Noise	<50dB at 1 meter			
	Dimensions	Specify			
	Net weight	Specify			
	Approval from independent agencies	Should have approval certificate from external agencies (Annex proof of document)			
	EMC for Functional Safety	Should have functional safety certificate from external agencies (Annex proof of document)			
	Other technical features	Surge and Noise protection			
		Should have audible fault detection / alarm			

		LED status display with On Line, On Battery, Charge level, Replace Battery and Overload indicators			
		Should have automatic measure to prevent complete run down of battery			
		Should have a management interface			
	Other features	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorized letters from principals to certify these should be attached.			
		The manufacturer should have minimum of ten years experience in manufacturing the same brand			
		Having a service centre in Jaffna or close proximity area is preferred			
		Broachers/Technical documents supporting offered features must be provided			
	Others	Necessary cables, Hardware set up guides and manuals,			
		Country of Origin and Country of Manufacture should be clearly mentioned.			
	Warranty	Two years comprehensive onsite warranty – Warranty should cover the whole unit including battery.			
	Unit Price				
12	Printer Laser Type I				
	Make / Brand	Should be an internationally reputed brand			
	Model Number	Specify			
	Country of Origin	Specify			
	Print Technology	Laser			
	Processor Speed	800 MHz			
	Memory	256 MB			
	Printing speed	A4 black: Up to 28 ppm			
		First page out - 8 sec			
	Output Resolution	Up to 1200x1200 dpi			

Duplex printing	Automatic (Standard)			
Paper handling – Input tray	250-sheet			
Paper handling - Output tray	150 sheet			
Supported paper sizes	Letter, Letter rotated, legal, executive, statement, 8.5x13in (A4), 11x17in, envelop			
Allowed mediums	Paper, envelops, labels, transparencies			
Connectivity	USB-2.0, Ethernet 10/100 network			
Network connectivity support	Built-in Ethernet			
Typefaces/fonts	TrueType fonts			
Duty cycle (monthly, A4)	Specify			
Recommended Monthly Page Volume	Specify			
Toner price and capacity	Specify			
Price per page	Specify			
Other features	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorization letter from principals should be attached.			
Accessories	Printer driver / software, Necessary Cable and Manuals			
Warranty	One year comprehensive onsite warranty			
Unit Price				
13	Printer Laser Type II			
Make / Brand	Should be an internationally reputed brand			
Model Number	Specify			
Country of Origin	Specify			
Print Technology	Laser			
Processor Speed	1.2GHz			
Memory	512 MB			
Printing speed	A4 black: Up to 35 ppm			

	First page out - 8 sec			
Output Resolution	Up to 1200x1200 dpi			
Duplex printing	Automatic (Standard)			
Paper trays, standard	2			
Paper handling – Input multipurpose tray 1	100-sheet			
Paper handling – Input tray2	550-sheet			
Paper handling - Output bin	250-sheet			
Supported paper sizes	Letter, A3, A4, envelop			
Allowed mediums	Paper, envelops, labels, transparencies			
Connectivity	USB-2.0, 10/100/1000 Gigabit Ethernet			
Network connectivity support	Built-in Gigabit Ethernet			
Typefaces/fonts	TrueType fonts			
Duty cycle (monthly, A4)	up to 150,000			
Recommended Monthly Page Volume	7500			
Toner price and capacity	Specify			
Price per page	Specify			
Other features	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorization letter from principals should be attached.			
Accessories	Printer driver / software, Necessary Cable and Manuals			
Warranty	One year comprehensive onsite warranty			
Unit Price				

14 Printer Multifunctional Type I				
Make	Specify			
Model No	Specify			
Country of origin	Specify			
Type	Desktop multifunctional printer			
Functions	Color Scanning / Copying / Printing			
Display	Color LCD display			
Technology				
Printing Method	Ink printing			
Nozzle Configuration	800 Nozzles black, 256 Nozzles per colour			
Minimum Droplet Size	2.8 pl			
All-in-One Functions	Print, Scan, Copy, Fax			
Print				
Printing Speed	33 pages/min Monochrome (plain paper), 20 pages/min Colour (plain paper)			
Printing Resolution	4,800 x 2,400 dpi			
Max Duty cycle	20,000 pages per month			
Colours	Black, Cyan, Yellow, Magenta			
Copy				
Scanning Resolution	1,200 dpi x 2,400 dpi (Horizontal x Vertical)			
Output formats	BMP, JPEG, TIFF, PDF, searchable PDF			

Scanner type	Contact image sensor (CIS)			
Paper / Media Handling				
Paper Formats	A4, A5, A6, B5, C4 (Envelope), C6 (Envelope), DL (Envelope), No. 10 (Envelope), Letter, 10 x 15 cm, 13 x 18 cm, 16:9, User defined, Legal			
Automatic Document Feeder capacity	35 pages			
Compatible Paper Weight	64 g/m ² - 256 g/m ²			
Duplex	Yes			
Output Tray Capacity	125 Sheets			
Paper Tray Capacity	250 Sheets Standard, 250 Sheets maximum			
Number of paper trays	1			
Connectivity Interfaces	Hi-Speed USB - compatible with USB 2.0 specification, Ethernet interface (100 Base-TX / 10 Base-T), Wireless LAN IEEE 802.11b/g/n, Wi-Fi Direct			
WLAN Security	WEP 64 Bit, WEP 128 Bit, WPA PSK (TKIP), WPA PSK (AES)			
Recommended Monthly Page Volume	Specify			
Ink cartridge price and capacity	Specify			
Price per page	Specify			
Other features	The organization who bid for the tender should be an authorized service			

		provider of quoted product line for at least five years and an authorization letter from principals should be attached.			
	Accessories	Printer driver / software, Necessary Cable and Manuals			
	Warranty	One year comprehensive onsite warranty			
	Unit Price				
15	Printer Multifunctional Type II				
	Make	Specify			
	Model	Specify			
	Country of origin	Specify			
	Type	Multifunction Colour Ink tank printer			
	Printing resolution (dpi)	4800* (horizontal) x 1200 (vertical)			
		* Ink droplets can be placed with a pitch of 1/4800 inch at minimum.			
	Interface	USB Port:			
		Hi-Speed USB			
		LAN Port:			
		Wireless LAN: IEEE802.11n / IEEE802.11g / IEEE802.11b			
	Print Speed	Document colour: 20ppm, B/W: 32 ppm			
	Paper Size	A3, A4, A5, B5, LTR, LGL, 4 x 6", 5 x 7", 8 x 10", Envelopes (DL, COM10, Square (5 x 5")), Business Card, Custom size (width 55 – 215.9mm, length 89 – 676mm)			

<i>Print Speed</i>	Document colour: 20ppm, B/W: 32 ppm			
<i>Duplex printing</i>	Automatic			
<i>Power supply</i>	AC 100-240 V, 50/60 Hz			
<i>Print Head/Ink</i>	Total 1472 nozzles (BK 320 nozzles, C/M/Y each 384 nozzles)			
<i>ADF capacity</i>	4 or Letter size: max. 20 sheets (20 lb/75 g /m2 paper), up to 0.08 inch/2 mm in height			
	Legal size: max. 5 sheets (20 lb/75 g /m2 paper), up to 0.02 inch/0.5 mm in height			
<i>Copy Specifications</i>				
<i>Multiple copy</i>	max. 99 pages			
<i>Intensity adjustment</i>	9 positions, Auto intensity (AE copy)			
<i>Reduction / Enlargement</i>	25 % - 400 % (1 % unit)			
<i>Scan Specifications</i>				
<i>Scanner driver</i>	Windows: TWAIN 1.9 Specification, WIA			
<i>Maximum scanning size</i>	Platen Glass: A4/Letter, 8.5" x 11.7"/216 x 297 mm			
	ADF: A4/Letter/Legal, 8.5" x 14.0"/216 x 356 mm			
<i>Scanning resolution</i>	Optical resolution (horizontal x vertical) max: 600 x 1200 dpi			
	Interpolated resolution max: 19200 x 19200 dpi			

Gradation (Input / Output)	Gray: 16 bit/8 bit			
Fax Specifications				
Applicable line	Public Switched Telephone Network (PSTN)			
Communication mode	Super G3, G3			
Data compressing system	Black: MH, MR, MMR			
	Color: JPEG			
Modem speed	max. 33.6 kbps			
	(Automatic fallback)			
Transmission speed	Black: Approx. 3 seconds/page at 33.6 kbps			
	(Based on ITU-T No.1 chart for US specifications and Canon FAX Standard chart No.1 for others, both in standard mode.)			
	Color: Approx. 1 minute/page at 33.6 kbps			
	(Based on Canon COLOR FAX TEST SHEET.)			
Gradation	Black: 256 levels			
	Color: 24 bit Full Color (RGB each 8 bit)			
Density adjustment	3 levels			
Memory	Transmission/reception: approx. 50 pages			
	(Based on ITU-T No.1 chart for US specifications and Canon FAX			

	Standard chart No.1 for others, both in standard mode.)			
<i>Fax resolution</i>	Black Standard: 203 pels/inch x 98 lines/inch (8 pels/mm x 3.85 lines/mm)			
	Black Fine, Photo: 203 pels/inch x 196 lines/inch (8 pels/mm x 7.70 lines/mm)			
	Black Extra fine: 300 x 300 dpi			
	Color: 200 x 200 dpi			
<i>Dialing</i>	Automatic dialing			
	- Recipient (max. 20 destinations)			
	- Group dial (max. 19 destinations)			
	Regular dialing (with Numeric buttons)			
	Automatic redialing			
	Manual redialing (max. 10 destinations)			
<i>Others</i>	Activity report (after every 20 transactions)			
	Sequential broadcasting (max. 21 destinations)			
	Rejected numbers (max. 10 destinations)			
<i>Network Specifications</i>				
<i>Wireless LAN</i>	Supported Standards: IEEE802.11n / IEEE802.11g / IEEE802.11b			
	Frequency bandwidth: 2.4 GHz			
	Channel: 1-11 or 1-13			

		Communication distance: Indoors 164 feet/50 m			
		Security:			
		WEP (64/128 bits)			
		WPA-PSK (TKIP/AES)			
		WPA2-PSK (TKIP/AES)			
		Setup:			
		WPS (Push button configuration/PIN code method)			
		WCN (WCN-NET)			
		Easy wireless connect			
		Other Features: Administration password			
16	Scanner Type I				
	<i>Make / Brand</i>	Should be an internationally reputed brand			
	<i>Model Number</i>	Specify			
	<i>Country of Origin</i>	Specify			
	<i>Type</i>	Flatbed Scanner			
	<i>Scanning element</i>	CIS			
	<i>Light source</i>	LED			
	<i>Optical resolution</i>	4800 x 4800dpi			
	<i>Selectable resolution</i>	25 - 19200dpi			
	<i>Interface</i>	Hi-Speed USB 2.0			
	<i>Scanning gradation (colour)</i>	48bit input -> 48/24 bit output			
	<i>Scanning gradation (greyscale)</i>	16 bit input -> 8 bit output			
	<i>Maximum document size</i>	A4			
	<i>Scan Buttons</i>	5 buttons (PDF x 2, AUTOSCAN, COPY, SEND)			
	<i>Scanning speed (colour)</i>	2.2msec/line (300 dpi), 33.2 msec/line (4800dpi)			
	<i>Scanning speed (greyscale)</i>	2.2 msec./line (300 dpi), 11.1 msec/line (4800dpi)			

	<i>Scan speed (A4, 300dpi, Colour)</i>	Approx. 10 sec			
	<i>Software included</i>	Scan Utility, Quick Menu			
	<i>Power supply</i>	Supplied via USB port			
	<i>Power consumption</i>	approx. 2.5W			
	<i>Dimensions</i>	Specify			
	<i>Weight</i>	Specify			
	<i>Supported Operating Systems</i>	Windows 10, Windows 7, Mac OS			
	<i>Warranty</i>	One year comprehensive onsite warranty			
	<i>Unit Price</i>				
17	Scanner Type II				
	<i>Make / Brand</i>	Should be an internationally reputed brand			
	<i>Model Number</i>	Specify			
	<i>Country of Origin</i>	Specify			
	<i>Type</i>	Flatbed Scanner			
	<i>Scanning element</i>	CCD			
	<i>Light source</i>	LED			
	<i>Optical resolution</i>	6400 dpi			
	<i>Scanning Resolution</i>	6400 dpi x 9600 dpi			
	<i>Interface</i>	Hi-Speed USB 3.0/2.0			
	<i>Scanning gradation (colour)</i>	48bit input -> 48 bit output			
	<i>Scanning gradation (greyscale)</i>	16 bit input -> 8 bit output			
	<i>Scan file format</i>	Specify			
	<i>Maximum document size</i>	A3			
	<i>Control panel</i>	2 quick start buttons (Scan, Copy), Cancel, Tools, Powersave			
	<i>Scanning speed (colour)</i>	12 sec/page (A4, 300 dpi)			
	<i>Scanning speed (greyscale)</i>	13 sec/page (A4, 300 dpi)			
	<i>Software included</i>	Scan Utility, Quick Menu			
	<i>Input voltage</i>	100 to 240 V, 50/60 Hz			
	<i>Dimensions</i>	Specify			
	<i>Weight</i>	Specify			
	<i>Supported Operating Systems</i>	Windows 10, Windows 7, Mac OS			
	<i>Warranty</i>	One year comprehensive onsite warranty			
	<i>Unit Price</i>				

18 Scanner Type III					
<i>Make / Brand</i>	Should be an internationally reputed brand				
<i>Model Number</i>	Specify				
<i>Country of Origin</i>	Specify				
<i>Type</i>	barcode scanner				
<i>Form Factor</i>	Handheld, Continuous, Auto-induction				
<i>Auto-induction time</i>	0.3s				
<i>Scanning type</i>	bi-directional				
<i>Scan Element Type</i>	Visible laser diode				
<i>Scan Speed</i>	200 scans / sec				
<i>OK Notification</i>	LED indicator, beeper				
<i>Interface Type</i>	USB				
<i>Light Source Wave Length</i>	650 nm				
<i>Barcodes</i>	Codabar, Code 11, Code 128, Code 128 Full ASCII, Code 39, Code 39 Full ASCII, Code 39 Trioptic, Code 93, Discrete 2 of 5, IATA, Interleaved 2 of 5, UCC/EAN-128, UPC				
<i>Skew (Degrees)</i>	65				
<i>Pitch (Degrees)</i>	60				
<i>Features</i>	Advanced Data Formatting (ADF), Global Trade Item Number (GTIN), Reduced Space Symbology (RSS)				
<i>Decode Capability</i>	Code 93, Code 39, UCC/EAN-128, IATA, Code 39 Full ASCII, Discrete 2 of 5, Codabar, Code 128, Code 11, UPC, Interleaved 2 of 5, Code 128 Full ASCII, Code 39 Trioptic				
<i>Warranty</i>	1 year comprehensive onsite warranty				
<i>Unit Price</i>					
19 Digital Duplicator					
<i>Make / Brand</i>	Should be an internationally reputed brand				
<i>Model Number</i>	Specify				
<i>Country of Origin</i>	Specify				
<i>Country of manufacture</i>	Specify				
<i>Type</i>	Floor stand model				
<i>Master Making</i>	Thermal Digital				
<i>Scan Resolution</i>	600dpi×600dpi				
<i>Print Resolution</i>	600dpi×600dpi				

<i>Document Size</i>	MAX.297×432mm			
<i>Paper size</i>	MAX: 320×450mm			
	MIN: 100×148mm			
<i>Image area</i>	A3 (290×423mm)			
<i>Feeder / Stacker capacity</i>	1,200 sheets (80gsm)			
<i>ADF Capacity</i>	100 sheet(64gsm), 85 sheets(80gsm)			
<i>First print speed</i>	18 sec			
<i>Consumable level indicator</i>	Remaining ink & master indicator on panel			
<i>Paper weight</i>	45 - 210gsm			
<i>Operation Panel</i>	Full color touch panel			
<i>Zoom</i>	50~500%			
<i>Image modes</i>	Text, Photo, Text and Photo, Screen, Photo dark, Contrast control			
<i>Print speed</i>	45 - 130ppm (5 steps) +Top Speed 150ppm			
<i>Method of ink supply and master feeding and ejecting</i>	Fully automatic			
<i>Connectivity to the computer</i>	Built in USB interface			
<i>OS support</i>	Windows 10, Windows 7 and Mac OS			
<i>Power source</i>	100-240V, 50/60Hz			
<i>Warranty</i>	Three year comprehensive onsite warranty			
<i>Unit Price</i>				
20	External Hard Drive Type I			
<i>Make / Brand</i>	Specify			
<i>Model Name / Number</i>	Specify			
<i>Capacity</i>	1 TB			
<i>Power</i>	USB powered, no AC adapter required			
<i>Connection Interface</i>	USB 3.0 and USB 2.0 compatibility			
<i>Transfer rate</i>	Max. 5 Gb/s (USB 3.0), 480 Mb/s (USB 2.0)			
<i>Compatibility</i>	All Operating System (Windows 7,8,10, Linux, Mac OS), no software instillation required			
<i>Size</i>	Slim Form			
<i>Plug-and-Play</i>	Yes			

	<i>Accessories</i>	USB cable, User's Guide			
	<i>Warranty</i>	1 Year			
	<i>Unit Price</i>				
21	External Hard Drive Type II				
	<i>Make / Brand</i>	Specify			
	<i>Model Name / Number</i>	Specify			
	<i>Capacity</i>	2 TB			
	<i>Power</i>	USB powered, no AC adapter required			
	<i>Connection Interface</i>	USB 3.0 and USB 2.0 compatibility			
	<i>Transfer rate</i>	Max. 5 Gb/s (USB 3.0), 480 Mb/s (USB 2.0)			
	<i>Compatibility</i>	All Operating System (Windows 7,8,10, Linux, Mac OS), no software instillation required			
	<i>Size</i>	Slim Form			
	<i>Plug-and-Play</i>	Yes			
	<i>Accessories</i>	USB cable, User's Guide			
	<i>Warranty</i>	1 Year			
	<i>Unit Price</i>				
22	External Hard Drive Type III				
	<i>Make / Brand</i>	Specify			
	<i>Model Name / Number</i>	Specify			
	<i>Capacity</i>	3 TB			
	<i>Power</i>	USB powered, no AC adapter required			
	<i>Connection Interface</i>	USB 3.0 and USB 2.0 compatibility			
	<i>Transfer rate</i>	Max. 5 Gb/s (USB 3.0), 480 Mb/s (USB 2.0)			
	<i>Compatibility</i>	All Operating System (Windows 7,8,10, Linux, Mac OS), no software instillation required			
	<i>Size</i>	Slim Form			
	<i>Plug-and-Play</i>	Yes			
	<i>Accessories</i>	USB cable, User's Guide			
	<i>Warranty</i>	1 Year			
	<i>Unit Price</i>				
23	External DVD writer				
	<i>Make / Brand</i>	Specify			

	Model Name / Number	Specify			
	Power	USB powered, no AC adapter required			
	Connection Interface	USB 3.0 and USB 2.0 compatibility			
	Transfer rate	480 Mb/s (USB 2.0)			
	DVD Write speed	8xDVD±R			
	CD Write speed				
	CD	24x			
	Connectivity support	TV, Computer			
	Compatibility	All Operating System (Windows 7,8,10, Linux, Mac OS), no software instillation required			
	Size	Slim portable			
	Plug-and-Play	Yes			
	Accessories	USB cable, Writing software suite, User's Guide			
	Warranty	1 Year			
	Unit Price				
24	Multimedia Projector				
	Brand	Specify			
	Model	Specify			
	Projection Technology	3 LCD			
	Brightness (White Light Output) normal mode	3600 ANSI Lumens or higher			
	Brightness (Colour Light Output) normal mode	3600 ANSI Lumens or higher			
	Contrast Ratio	10000:1 or higher			
	Optical Zoom	Manual			
	Minimum Optical Zoom Ratio	1.2x			
	Focus	Manual			
	Native Aspect Ratio	4 : 3			
	Computer compatibility	VGA/SVGA/XGA/SXGA			
	Native resolution	XGA 1024x768			
	Intelligent resizing	1280x1024 or more			
	Video compatibility	PAL/SECAM/NTSE			
	Lamp life (Normal mode)	More than 5000 hrs.			

Lamp life (Economic mode)	More than 6000 hrs.			
Audio output	2w			
Input terminals	USB 2.0 type A, USB 2.0 type B, LAN: RJ45, VGA in (D-Sub 15 pin), Stereo mini jack, HDMI in, video: RCA (Yellow), Audio: RCA (Red/White), S-video			
Output terminals	VGA out (D-sub 15 pin), Stereo mini jack			
Keystone correction	Vertical: +/-30 degrees			
	Horizontal: +/-30 degrees			
Auto keystone correction	Vertical: +/-30 degrees			
Screen size (Projected Distance)	30" to 300" (2.7' – 34.2')			
Projection method	Front/ rear/ ceiling mount			
Fan noise (Normal / Eco)	37dB / 28dB			
Packing	Free carrying case			
Weight	Specify			
Accessories	Standard accessories, power cord, RGB cable, HDMI Cable			
Warranty	3 years comprehensive warranty			
Uni Price				
25	Interactive projector with accessories			
Make	Specify			
Model	Specify			
Country of Origin	Specify			
Country of manufacturers	Specify			
Projection Technology	3LCD, 3-chip technology			
Display method	Front, Wall mount, Table			
Color Light Output	4,400 Lumens			
White Light Output	4,400 Lumens			
Native Resolution	1920 x 1200, WUXGA			
High Definition	Full HD			
Aspect Ratio	16:10			
Contrast Ratio	16,000 : 1			

Color reproduction	1 billion colors			
Lamp Life	10,000 hours (ECO Mode),			
	5,000 hours (Normal Mode)			
Keystone Correction Manual	Vertical: $\pm 3^\circ$			
	Horizontal $\pm 3^\circ$			
Optical				
Throw Ratio Range	0.27 (Zoom: Wide), 0.37 (Zoom: Tele)			
Digital Zoom Ratio	1.0 - 1.35x			
Image Size	70 inches - 100 inches			
Projection Distance Wide	0.4 m (70 inch screen)			
Projection Distance Tele	0.6 m (100 inch screen)			
Focal Length	4.2 mm			
Focus	Manual			
Offset	5.8 : 1			
Connectivity				
Interfaces	USB-A x 2, USB-B, RS-232C, Wired LAN, Wireless LAN, VGA in, VGA out, HDMI x 2, MHL, S-Video in, Stereo mini jack audio out, Stereo mini jack audio in x 2, TCH, Sync. in, Sync. out			
iProjection	App Ad-Hoc / Infrastructure			
Advanced Features				
Security	Kensington lock, Control panel lock, Password lock, Padlock, Security cable hole, Wireless LAN unit lock, Wireless LAN security, Password protection			
Features	Auto Calibration, Auto brightness adjustment, Automatic input selection, Built-in speaker,			
	Customizable user logo, Digital zoom,			
	Direct Power on/off, Document Camera Compatible, Driverless installation,			
	Dual Pen Support, Dynamic lamp control,			
	Easy OSD pre-setting, Finger-touch support,			
	Home Screen, Long lamp life, Microphone input, Multi-screen interactivity, spec text option features projector pc interactive, PC free annotation,			
	iProjection App for Chromebook,			
Split-Screen-Function,				

	iProjection App			
Interactivity	pen and finger-touch			
Video Color Modes	Blackboard, Cinema, Dynamic, Presentation, sRGB			
Projector control	via: AMX, Crestron, Control4			
Accessories				
Accessories	· Quick Start Guide			
	· 15' power cable			
	· 5m USB A/B cable			
	· 5m USB extender cable			
	· electronic user manual			
	· interactive driver for Mac and PC			
	· Easy Interactive Tools			
	· Network Management software			
	· projector remote control			
	· two (2) interactive pens			
	· pen tray			
	· two (2) AA batteries (for interactive pens) plus battery charger			
	· two (2) AA batteries (for remote)			
	· Wall mount			
	· Soft pen tips (4)			
	· Hard pen tips (2)			
	Extra Accessories	· Touch module		
· Touch module cable				
· Touch module mounting bracket				
· Document camera, · Compact 2 Megapixel USB document camera.				
Warranty	· External Speakers, · Wireless LAN unit,			
	· 100" Whiteboard for Projection and Dry-erase			
Warranty	Three years comprehensive			
Unit Price				
26	Projector screen			
Make	Specify			
Model	Specify			
Aspect ratio	4:3 or 16:9			
Mountable	Wall and Ceiling			
Width or Length	Minimum 300cm			
Height	Minimum 250cm			
Weight	Specify			

	Projection Mode	Front projection			
	Material	Matte White			
	Warranty	Specify			
	Unit Price				
27	Photocopier				
	Make / Brand	Should be an internationally reputed brand			
	Model Name / Number	Specify			
	Country of Origin	Specify			
	Type	Multi functional printer (Scanning / Copying / Printing)			
	Maximum original size	A3			
	Copy size	Cassette: A5R - A3			
		Stack Bypass: A5 - A3			
	Double sided scanning	2-sided to 2-sided (Automatic)			
	Resolution	Scanning: 600dpi x 600dpi			
		Copying: 1200dpi x 1200dpi			
		Printing: 1200dpi x 1200dpi			
	Copy/print speed	A4: 65ppm			
		A3: 32ppm			
	First copy time	Less than 5.2 sec			
	Warm-up time	30 sec max (10 sec max from sleep mode)			
	Multiple Copies/Prints	up to 9999 prints			
	Duplex printing	Standard automatic			
	Paper Supply	Standard: 540 sheets x 2 cassettes (1080 sheets)			
		Multi Stack Bypass: 50 sheets (80gsm)			
	Paper Weights	Cassette: 64 to 90gsm			
	Paper size	Cassette: Universal: A5R to A3			
	CPU	1.33 GHz (Dual-Core)			
	Memory	4 GB			
	Hard disk drive(optional)	320GB			
	Connectivity Interface	Ethernet (10/100/1000 Base-T) RJ45, USB 2.0 (direct printing capability)			
	Recommended Monthly Page Volume	Specify			
	Toner price and yield	Specify			

<i>Drum price and capacity (if necessary)</i>	Specify			
<i>Price per page</i>	Specify			
<i>Other features</i>	The organization who bid for the tender should be an authorized service provider of quoted product line for at least five years and an authorization letter from principals should be attached.			
<i>Accessories</i>	Cables and operation manual			
<i>Base</i>	Stand with caster wheels			
<i>Supported OS</i>	Windows10, Windows 7, Mac OS, Linux			
<i>Dimensions (WxDxH)</i>	Specify			
<i>Weight</i>	Specify			
<i>Power supply</i>	220-240V, 50/60Hz			
<i>Warranty</i>	Three years comprehensive onsite warranty			
<i>Unit Price</i>				

Section VII.

Contract Data

The following Contract Data shall supplement and / or amend the Conditions of Contract (CC). Whenever there is a conflict, the provisions herein shall prevail over those in the CC.

CC 1.1(i)	The Purchaser is: University of Jaffna
CC 1.1 (m)	The Project Site(s)/Final Destination(s) is/are: / University of Jaffna
CC 8.1	For notices, the Purchaser's address shall be: Bursar Attention: Bursar Address: University of Jaffna, P.O Box 57, Thirunelvely, Jaffna. Telephone: 021-2220962
CC 11	Goods shall be supplies in compliance with the quality and the specification given.
CC 15.1	CC 15.1—The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: A: For Goods offered within Sri Lanka Payment shall be made in Sri Lanka Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. i) On Delivery: up to a maximum of ninety (90) percentage of the Contract Price, shall be paid on receipt of the Goods. (ii) On Acceptance: the remaining ten (10) percentage of the Contract Price shall be paid to the Supplier within ninety (90) days. After the certification of acceptance.
CC 17.1	A Performance Security – 10%
CC 26.1	The liquidated damage shall be: 2%per week
CC 26.1	The maximum amount of liquidated damages shall be:10 %



UNIVERSITY OF JAFFNA – SRI LANKA

PROCUREMENT NOTICE

Supply and Installation of IT Equipment to the University of Jaffna.

UJ/F/NCB/01/2018

Chairman, Department Procurement Committee, University of Jaffna, Thirunelvely invites sealed bids from eligible bidders for supply of following items to the University of Jaffna.

1. Bidding will be conducted through the National Competitive Bidding (NCB) procedure.
2. Bidder should have at least five year's experience in the relevant field in Sri Lanka.
3. Interested eligible bidders may obtain further information from the Senior Assistant Bursar / Supplies (Contact No: 0212220962) of the University of Jaffna, and inspect the bidding documents at the Supplies Branch of the University between 9.00 am to 2.30 pm from **19.11.2018 to 07.12.2018**.
4. A complete set of bidding documents in English may be purchased by interested bidders on submission of a written application to the Senior Assistant Bursar / Supplies, University of Jaffna upon payment of a non-refundable fee of Rupees 3,500/= either in cash at the Shroff Counter of the University of Jaffna or to the credit of Peoples Bank University of Jaffna Branch, account no:162-1-001-6-0000880. **The cash receipt of the Shroff or the bank deposit slip to be attached with the bidding documents.** The documents may be purchased until 2.30 p.m. from **19.11.2018 to 07.12.2018**.
5. Bids must be delivered in duplicate to be addressed **Bursar, University of Jaffna, Thirunelvely**, on or before **2.00p.m on 10.12.2018**. Please indicate the “**Supply and Installation of IT Equipment - UJ/F/NCB/01/2018– 10.12.2018**” on the left hand corner of the envelope.
6. All bids must be accompanied by a Bid Security addressed to the **Chairman, Department Procurement Committee, University of Jaffna**, valid for 120 days from the date of the bid opening as specified in the following Table.

Serial No	Description Items	Qty	Bid Security
IT Equipment			300,000.00
1	Server System Type I	1	
2	Server System Type II	1	
3	Laptop Computer Type I	20	
4	Laptop Computer Type II	17	
5	Laptop Computer Type III	5	
6	Desktop Computer Type I	7	
7	Desktop Computer Type II	44	
8	Desktop Computer Type III	31	
9	UPS Type I	59	
10	UPS Type II	16	
11	UPS Type III	03	
12	Printer Laser Type I	45	
13	Printer Laser Type II	2	
14	Printer Multifunctional Type I	3	
15	Printer Multifunctional Type II	1	
16	Scanner Type I	9	
17	Scanner Type II	1	
18	Scanner Type III	5	
19	Digital Duplicator	8	
20	External Hard Drive Type I	10	
21	External Hard Drive Type II	28	
22	External Hard Drive Type III	1	
23	External DVD writer	4	
24	Multimedia Projector	30	
25	Interactive projector with accessories	1	
26	Projector screen	9	
27	Photocopier	11	

7. Pre Bid meeting will be held on **30th November 2018 at 10.00 a.m.** in the Board Room of University of Jaffna
8. The bids shall be deposited in the 'Tender Box' available in the Bursar's Office of the University, or sent under Registered Cover to be received before the deadline to the address given in Clause No.5.
9. Late bids will be rejected.
10. The bids will be opened at **2.00p.m on 10.12.2018**, in presence of the bidders or their authorized representatives who choose to attend the bid opening at the board room of the University.

The Chairman
Department Procurement Committee,
University of Jaffna,
Thirunelvely.
TP. / Fax No: 021-2220962, 021-2222644


Senior Assistant Bursar (Supplies)
University of Jaffna
Jaffna