



Sri Lanka CERT (Pvt.) Ltd

BIDDING DOCUMENT

Procurement of Hardware for NCSOC

INVITATION FOR BIDS No: CERT/GOSL/GOODS/NCB/2023/02

National Competitive Bidding (NCB)

April, 2023

Sri Lanka CERT (Pvt.) Ltd.
INVITATION FOR BIDS (IFB)

Procurement of Hardware for NCSOC

IFB No. CERT/GOSL/GOODS/NCB/2023/02

1. The Chairman, Department Procurement Committee (DPC), on behalf of Sri Lanka CERT (Pvt.) Ltd, now invites sealed Bids from eligible and qualified Bidders for Hardware for Production Data Center. Hardware Purchase under this tender will be used for establishing the first phase of National Cyber Security Operations Center (NCSOC). Detailed description of schedule of requirements is given in the Bidding Document.
2. Bidding will be conducted using the National Competitive Bidding (NCB) procurement method and is open to all eligible and qualified bidders as defined in Procurement Guidelines of Democratic Socialist Republic of Sri Lanka (GoSL) that meet the eligibility and qualification requirements given in the Bidding Documents.
3. Interested Bidders may obtain further information from the Project Manager, Sri Lanka CERT (Pvt.) Ltd, Room: 4-112, BMICH, Colombo 7 and inspect the Bidding documents free of charge during office hours *on working days commencing from April 21, 2023 at the office of Sri Lanka CERT (Pvt.) Ltd at the above address*. Phone: +94 11 269 1692/269 5749/267 9888, Fax: +94 11 269 1064 or email: procurement@cert.gov.lk. Bidding documents are also available online for inspection. It can be assessed through Procurements section of onlinesafety.lk website of Sri Lanka CERT. URL <https://www.onlinesafety.lk/procurements>.
4. A complete set of Bidding Documents in English Language may be purchased by interested Bidders on submission of a written application and upon payment of a non-refundable fee of Sri Lankan Rupees Twenty-Five Thousand (LKR 25,000.00) effective from April 21, 2023 during office hours (8.30am – 5.00pm) on working days from the office of the Sri Lanka CERT at Room: 4-112, BMICH, Colombo 7. The method of payment will be by cash.
5. A pre-bid meeting which potential Bidders may attend will be held at **1400 Hrs. (2.00 P.M)** on **May 02, 2023** at the office of Sri Lanka CERT at the above address.
6. Bids must be delivered to Chief Executive Officer, Sri Lanka CERT, Room: 4-112, BMICH, Colombo 7 *to be received on* or before **1500 Hrs. (3.00 P.M) on May 12, 2023**. Late Bids and Bids sent electronically will not be accepted and will be rejected.
7. Bids shall be valid for a period of 90 days from the date of deadline for submission of the Bids.
8. All Bids must be accompanied by Bid Securities in the form of a Bank Guarantee using the format given with the bidding documents in the amount of Sri Lankan Rupees Two Million (2,000,000.00). Bid Security shall be valid up to 30 days beyond the date of Bid validity date

9. Bids shall be opened immediately after the deadline for submission of bids, in the presence of Bidders or their authorized representatives who choose to attend in person at the address stated above (in Para 6).
10. Sri Lanka CERT shall not be responsible for any costs or any expenses incurred by the Bidders in connection with the preparation or delivery of Bids.

Chairman

Department Procurement Committee

Sri Lanka CERT (Pvt.) Ltd,

Room: 4-112, BMICH, Colombo 7, Sri Lanka.

April, 21 2023

Section I. Instructions to Bidders (ITB)

A. General

1. **Scope of Bid**
 - 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 National Competitive Bidding (NCB) procurement are **specified in the BDS**. The name, identification, and number of lots (individual contracts), if any, are **provided in the BDS**.
 - 1.2 Throughout these Bidding Documents:
 - (a) The term “in writing” means communicated in written form by mail (post or electronic) or hand delivered with proof of receipt;
 - (b) If the context so requires, “singular” means “plural” and vice versa; and
 - (c) “Day” means calendar day.
2. **Source of Funds**
 - 2.1 Payments under this contract will be financed by the source specified in the BDS.
3. **Ethics, Fraud and Corruption**
 - 3.1 The attention of the bidders is drawn to the following guidelines of the Procurement Guidelines published by National Procurement Agency:
 - (a) Parties associated with Procurement Actions, namely, suppliers/contractors and officials shall ensure that they maintain strict confidentiality throughout the process;
 - (b) 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.
 - 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:
 - (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;*

- (b) *“fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;*
- (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, non-competitive levels; and*
- (d) *“coercive” 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.*

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.

4. Eligible Bidders

- 4.1 All bidders shall possess legal rights to supply the Goods under this contract except for those declared in the BDS.
- 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:
 - (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
 - (b) Submit more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid.
- 4.3 A Bidder that is under a declaration of ineligibility by the Government of Sri Lanka (GOSL), at the date of submission of bids or at the date of contract award, shall be disqualified.
- 4.4 Foreign Bidder may submit a bid only if so stated in the BDS.

5. Eligible Goods and Related Services

- 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.

B. Contents of Bidding Documents

- 6. Sections of Bidding Documents**
- 6.1 The Bidding Documents consist of 1 Volume, which include all the sections indicated below, and should be read in conjunction with any addendum issued in accordance with ITB Clause 8.
- Section I – Instructions to Bidders (ITB)
 - Section II – Bidding Data Sheet (BDS)
 - Section III – Evaluation and Qualification Criteria
 - Section IV - Bidding Forms
 - Section V – Schedule of Requirements
 - Section VI – Conditions of Contract
 - Section VII – Contract Data
 - Section VIII – Contract Forms
- 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.
- 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**
- 8.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.
- 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.
- 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.

C. 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** 11.1 The Bid shall comprise the following:
- (a) Bid Submission Form and the applicable Price Schedules, in accordance with ITB Clauses 12, 14, and 15;
 - (b) Bid Security or Bid-Securing Declaration, in accordance with ITB Clause 20;
 - (c) Documentary evidence in accordance with ITB Clauses 18 and 29, that the Goods and Related Services conform to the Bidding Documents;
 - (d) Documentary evidence in accordance with ITB Clause 18 establishing the Bidder's qualifications to perform the contract if its bid is accepted; and
 - (e) Any other document required in the BDS.
- 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** 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.
- 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.
- 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 (packages). 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.

- 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:
- (a) on components and raw material used in the manufacture or assembly of goods quoted; or
 - (b) on the previously imported goods of foreign origin
- (ii) However, VAT shall not be included in the price but shall be indicated separately;
- (iii) the price for inland transportation, insurance and other related services to deliver the goods to their final destination;
- (iv) the price of other incidental services
- 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.
- 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.

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 Lankan 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**

- 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.
- 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, 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.

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.

**18. Documents
Establishing the
Qualifications of the
Bidder**

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:

- (a) A Bidder that does not manufacture or produce the Goods it offers to supply shall submit the Manufacturer's Authorization if required in the BDS, 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;
- (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
- (c) That the Bidder meets each of the qualification criterion specified in Section III, Evaluation and Qualification Criteria.

**19. Period of Validity
of Bids**

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.

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.

20. Bid Security

20.1 The Bidder shall furnish as part of its bid, a Bid Security or a Bid-Securing Declaration, as specified in the BDS.

20.2 The Bid Security shall be in the amount specified in the BDS and denominated in Sri Lanka Rupees, and shall:

- (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;
- (b) Be issued by an institution acceptable to Purchaser.

- (c) Be substantially in accordance with the form included in Section IV, Bidding Forms;
- (d) Be payable promptly upon written demand by the Purchaser in case the conditions listed in ITB Clause 20.5 are invoked;
- (e) Be submitted in its original form; copies will not be accepted;
- (f) Remain valid for the period specified in the BDS.

20.3 Any bid not accompanied by a substantially responsive Bid Security or Bid Securing Declaration in accordance with ITB Sub-Clause 20.1 and 20.2, may be rejected by the Purchaser as non-responsive.

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.

20.5 The Bid Security may be forfeited or the Bid Securing Declaration executed:

- (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
- (b) If a Bidder does not agree to correction of arithmetical errors in pursuant to ITB Sub-Clause 30.3
- (c) If the successful Bidder fails to:
 - (i) *Sign the Contract in accordance with ITB Clause 42;*
 - (ii) *Furnish a Performance Security in accordance with ITB Clause 43.*

21. Format and Signing of Bid

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.

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.

21.3 Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialized by the person signing the Bid.

D. Submission and Opening of Bids

22. Submission, Sealing and Marking of Bids

- 22.1 Bidders may always submit their bids by mail or by hand.
- (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.
- 22.2 The inner and outer envelopes shall:
- (a) Bear the name and address of the Bidder;
 - (b) Be addressed to the Purchaser in accordance with ITB Sub-Clause 23.1;
 - (c) Bear the specific identification of this bidding process as indicated in the BDS; and Bear a warning not to open before the time and date for bid
 - (d) opening, in accordance with ITB Sub-Clause 26.1. 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.

23. Deadline for Submission of Bids

- 23.1 Bids must be received by the Purchaser at the address and no later than the date and time specified in the BDS.
- 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.

24. Late Bids

- 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.

25. Withdrawal, and Modification of Bids

- 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:
- (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

(b) received by the Purchaser prior to the deadline prescribed for submission of bids, in accordance with ITB Clause 23.

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.

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.

26. Bid Opening

26.1 The Purchaser shall conduct the bid opening in public at the address, date and time specified in the BDS.

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 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.

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.

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 or Bid-Securing Declaration. 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.

E. Evaluation and Comparison of Bids

27. Confidentiality

- 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.
- 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.
- 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.

28. Clarification of Bids

- 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.

29. Responsiveness of Bids

- 29.1 The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself.
- 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:
- (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
 - (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.

30. Nonconformities, Errors, and Omissions

- 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.
- 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.
- 30.3 Provided that the Bid is substantially responsive, the Purchaser shall correct arithmetical errors on the following basis:
- (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;
 - (b) if there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - (c) if there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
- 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.

31. Preliminary Examination of Bids

- 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.
- 31.2 The Purchaser shall confirm that the following documents and information has been provided in the Bid. If any of these documents or information is missing, the Bid shall be rejected.
- (a) Bid Submission Form, in accordance with ITB Sub-Clause 12.1;

- (b) Price Schedules, in accordance with ITB Sub-Clause 12;
- (c) Bid Security or Bid Securing Declaration, in accordance with ITB Clause 20.

32. Examination of Terms and Conditions; Technical Evaluation

- 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.
- 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.
- 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.

33. Conversion to Single Currency

- 33.1 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.

34. Domestic Preference

- 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.

35. Evaluation of Bids

- 35.1 The Purchaser shall evaluate each bid that has been determined, up to this stage of the evaluation, to be substantially responsive.
- 35.2 To evaluate a Bid, the Purchaser shall only use all the factors, methodologies and criteria defined in this ITB Clause 35.
- 35.3 To evaluate a Bid, the Purchaser shall consider the following:
 - (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 preference, in accordance with ITB Clause 34 if applicable.

35.4 The Purchaser's evaluation of a bid may require the consideration of other factors, in addition to the factors listed 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.

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.

36. Comparison of Bids

36.1 The Purchaser shall compare all substantially responsive bids to determine the lowest-evaluated bid, in accordance with ITB Clause 35.

37. Post qualification of the Bidder

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.

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.

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.

38. Purchaser's Right to Accept Any Bid, and to Reject Any or All Bids

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.

F. Award of Contract

39. Award Criteria

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.

- 40. Purchaser's Right to Vary Quantities at Time of Award**
- 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 fifteen percent (15%) of the total quantity and without any change in the unit prices or other terms and conditions of the bid and the Bidding Documents.
- 41. Notification of Award**
- 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.
- 41.2 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.
- 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.
- 42. Signing of Contract**
- 42.1 Within Seven (7) days after notification, the Purchaser shall complete the Agreement, and inform the successful Bidder to sign it.
- 42.2 Within Seven (7) days of receipt of such information, the successful Bidder shall sign the Agreement.
- 43. Performance Security**
- 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. Failure of the successful Bidder to submit the above-mentioned 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.

Section II. Bidding Data Sheet (BDS)

The following specific data for the product 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.

ITB Clause Reference	A. General
ITB 1.1	<p>Supply, delivery, installation, configuration and maintenance of hardware, software and other components related to scope of the work as mentioned in the Section V of the Schedule of Requirements.</p> <p>To qualify for evaluation, bidders are required to bid for all the items and quantities specified in the Section V of the Schedule of Requirements. Partial Bids shall be liable to treated as non-responsive and shall be rejected.</p> <p>The Purchaser is: Chief Executive Officer (CEO), Sri Lanka CERT (Pvt.) Ltd</p> <p>The name and identification number of the Contract is; Procurement of Hardware for NCSOC</p> <p>IFB No: CERT/GOSL/GOODS/NCB/2023/02</p>
ITB 2.1	The source of funding is the Government of Sri Lanka (GoSL)
ITB 4.1	Joint Ventures and Consortiums are not allowed . Sub-contracting is not allowed .
ITB 4.4	Foreign bidders are not allowed
	B. Contents of Bidding Documents
ITB 7.1	<p>For Clarification of bid purposes only, the Purchaser’s address is:</p> <p style="text-align: center;">Attention: Project Manager</p> <p style="text-align: center;">Address: Sri Lanka CERT (Pvt.) Ltd Room: 4-112, BMICH, Colombo 7. Fax: +94 11 269 1064 email: procurement@cert.gov.lk</p> <p>A pre-Bid meeting will be held on Date: May 02, 2023 Time: 1400 hrs.</p> <p>Venue for the Pre-bid meeting: Sri Lanka CERT, Room: 4-112, BMICH, Colombo 7.</p> <p>Clarifications may be requested not later than 07 days before the deadline for submission of bids.</p>

	C. Preparation of Bids
ITB 11.1	The bidder shall submit the following additional documents I. Audited statements of accounts of the company for the past four (04) years (2018/2019, 2019/2020, 2020/2021 and 2021/2022) II. A certified copy of business registration certificate III. VAT Registration Certificate IV. Documentary evidence to establish conformity of the goods to the technical specifications/standards
ITB 13.1	Alternative bids shall not be considered. Options are not allowed, the bids submitted with options shall be treated as non-responsive and shall be rejected.
ITB 14.2	Bidder shall offer pricing applicable for government institutes.
ITB 14.3	All equipment will be procured as a single lot as a complete solution.
ITB 14.4 (iii), (iv)	Prices indicated on the Price Schedule shall include the price for inland transportation, insurance and other related services to deliver the goods to their final destination, the price of other incidental services.
ITB 15.1	CIF value of the goods/services shall be quoted in Dollars and local charges shall be in Sri Lanka Rupees. All payment should be made in LKR.
ITB 17.1, 17.2, 17.3	The Bid should comply with all minimum requirements specified in the Section V – Schedule of Requirements.
ITB 18.1 (a)	Manufacturer Authorization is required in the form specified in the Section IV – Bidding Forms of the Bid documents. Bidders shall provide Manufacturer Authorizations for HCI Solution, Switches, and Firewalls specified in the Section V – Schedule of Requirements.
ITB 18.1 (b)	Bidder shall be legally registered company in Sri Lanka and should have the physical presence (office) in Sri Lanka, and has been in operation for the last Eight (08) years.
ITB 19.1	The bid validity period shall be Ninety (90) days from the date of bid closure, accordingly the bid shall be valid until August 09, 2023 .
ITB 20.1	Bid shall include a Bid Security issued by a commercial bank licensed by the Central Bank of Sri Lanka in the format prescribed in Section IV “Bidding Forms – Bid Guarantee”
ITB 20.2	The amount of the Bid Security shall be Sri Lankan Rupees Bid Security shall be Sri Lankan Rupees Two Million (LKR 2,000,000.00) Bid Security shall be issued in favor of (Beneficiary); The Chief Executive Officer Sri Lanka CERT (Pvt.) Ltd. Room: 4-112, BMICH, Colombo 7, Sri Lanka. Bid securing declarations are not accepted

ITB 20.2 (f)	Bid Security shall be valid for a period of 30 days beyond the original validity period of bids (up to September 08 , 2023) or beyond any period of extension subsequently requested under ITB clause 19.
	D. Submission and Opening of Bids
ITB 22.1 (a)	The Bidder shall not have the option of submitting their Bids electronically. This procurement is carried out on the basis of “Single Stage Single Envelope Method”. Therefore, both technical and price proposals will be submitted in a single envelope. The Bidder should submit 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.
ITB 22.2 (c)	The inner and outer envelopes shall bear the following identification marks: Procurement of Hardware for NCSOC IFB: CERT/GOSL/GOODS/NCB/2023/02
ITB 23.1	For bid submission purposes, the Purchaser’s address is: Chief Executive Officer Sri Lanka CERT (Pvt.) Ltd. Room: 4-112, BMICH, Colombo 7, Sri Lanka The deadline for the submission of bids is: Date: May 12, 2023 Time: 1500 hrs.
ITB 26.1	The bid opening shall take place at: Address: Sri Lanka CERT, Room: 4-112, BMICH, Colombo 7, Sri Lanka. Date: May 12, 2023 Time: 1500 hrs. (immediately after deadline for bid submission)
ITB 33.1	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 7 days prior to closing of bids as published by the Central Bank of Sri Lanka. Payment of the foreign currency component will be done (Adjusted) based on the selling exchange rate published by Central Bank of Sri Lanka at the date of LC opening.
ITB 34.1	Not applicable
ITB 35	Evaluation will be done for the entire list of items specified in the Section III Evaluation and Qualification Criteria and Section V – Schedule of Requirements.
ITB 43	The Performance Security acceptable to the Purchaser shall be in the Standard Form of unconditional Bank Guarantee (as per the format given in the Bidding Document Section VIII) issued by any commercial bank licensed by the Central Bank of Sri Lanka and the amount shall

	be 10% of the total contract price. Performance security shall be submitted within 14 working days of the date of notification of award from the employer. It shall be valid up to 28 days following the date of Completion of the Supplier's performance obligations under the contract, including any warranty obligations. Warranty obligation shall be Three (3) years.
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Section III. Evaluation and Qualification Criteria

This Section complements the Instructions to Bidders. It contains the criteria that the Purchaser use to evaluate a bid and determine whether a Bidder has the required qualifications.

Contents

1. Evaluation Criteria (ITB 35.3 (d))
2. Evaluation Criteria (ITB 35.4)
3. Post-qualification Requirements (ITB 37.2)

1. Evaluation Criteria (ITB 35.3 (d))

- a. The Purchaser's evaluation of a bid will be based on the compliance to the specifications and substantially responsive lowest Evaluated Bid Price.

2. Evaluation Criteria (ITB 35.4)

Criteria	Requirement
a. Minimum average annual turnover in last three (3) years shall be 1.5 times of the bid price.	Should be complied
a. The bidder must demonstrate access to or availability of financial resources such as liquid assets, un-encumbered real assets, line of credit and other financial means, other than any contractual advance payment to meet the cash flow requirement of not less than 50% of the bid price net of the bidder's other commitments.	Should be complied

Proposed Professional Staff

Table below shows the minimum number of professional staffs required for the project. However, to complete the project within the time scale, bidders are required to allocate suitable number of staffs who should be in the company permanent payroll that possesses at least minimum qualification and experience (as shown in the table) to complete the project. Certified copies of certificates shall be provided along with CVs (proof documents should be provided).

	Position	Minimum Number of Staff	Required Minimum Qualification	Required Minimum Experience	Requirement
1	Project Manager	1	Bachelor's degree or equivalent	5 years in managing projects with similar complexities	Should be complied
2	Senior Systems Engineer	2	Bachelor's degree (or equivalent) in Networking, Engineering or other related field, or Professional Qualification in a related Field, OEM certified for proposed HCI products.	5 years of experience in working with projects with similar complexities	Should be complied
3	Senior Network Engineer	1	Bachelor's degree (or equivalent) in Networking, Engineering or other related field, or Professional Qualification in a related Field, OEM certified	5 years of experience in working with projects with similar complexities	Should be complied
4	Systems Engineers	1	Bachelor's degree (or equivalent) in Networking, Engineering or another related field, or Professional Qualification in a related field	2 years of experience in working with projects with similar complexities	Should be complied
5	Information Security Engineer	1	Bachelor's degree (or equivalent) in Information Security or another related field, or Professional Qualification in a related field like CISA/CISM	5 years of experience in working with projects with similar complexities	Should be complied

Commercial and Technical Capability

The Bidder shall comply the following requirement and furnish all documentary evidence to demonstrate that it meets the following requirements.

- i. Bidder shall be a legally registered company in Sri Lanka, and should have a strong physical presence in Sri Lanka (operating an office), and has been in operation for the last Eight (08) years. A certified copy of business registration certificate shall be provided.

- ii. Bidder's core business shall be system integrator role including supplying, delivering, installing and implementing hardware, software and other components similar to the items specified in the Section V – Schedule of Requirements of this Bid.
- iii. Bidders shall have the technical competency as the authorized dealers/suppliers for brands/products stated in the Section V - Schedule of Requirements of this Bid for the last Three (3) years in supplying, delivering installing, supporting, maintaining and providing warranties.
- iv. Bidder as the authorized representative, has successfully completed the supply, installation, configuration, commissioning and providing after sales services for Two (2) HCI solutions (both hardware and software together) with related to proposed brand (or orders) during the period of last Five (5) years prior to the Bid submission deadline (Bidder should be provided documents to prove the evidence). These products must be in satisfactory operation for at least One (1) year prior to the date of bid submission (Bidder should be provided documents to prove the evidence).

3. Post – Qualification Requirements (ITB 37.2)

After determining the substantially responsive 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 the following requirements.

(a) Financial Capability

The Bidder shall furnish documentary evidence that it meets the following financial requirements.

- i. The bidder must demonstrate access to or availability of financial resources such as liquid assets, un-encumbered real assets, line of credit and other financial means, other than any contractual advance payment to meet the cash flow requirement of not less than 50% of the bid price net of the bidder's other commitments.

Section IV. Bidding Forms

Table of Forms

1. Bid Submission Form
2. Price Schedule & Price Schedule for Additional Items
3. Bid Guarantee
4. Manufacturer's Authorization
5. Professional Staff

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

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

To: *[* insert complete name of Purchaser]*

We, the undersigned, declare that:

(a) We have examined and have no reservations to the Bidding Documents, including Addenda

No.: *[insert the number and issuing date of each Addenda];*

(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 Services *[* insert a brief description of the Goods and Related Services];*

(c) The total price of our Bid without VAT, including any discounts offered is: *[insert the total bid price in words and figures];*

(d) The total price of our Bid including VAT, and any discounts offered is: *[insert the total bid price in words and figures];*

(e) Our bid shall be valid for the period of time specified in ITB Sub-Clause 18.1, 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 this bid, together with your written acceptance thereof included 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: *[insert signature of person whose name and capacity are shown]*

In the capacity of *[insert legal capacity of person signing the Bid Submission Form]*

Name: *[insert complete name of person signing the Bid Submission Form]*

Duly authorized to sign the bid for and on behalf of: *[insert complete name of Bidder]*

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

Price Schedule

Item No (1)	Description of Goods or related services (2)	Qty. and Unit (3)	CIF Price in USD (4)	CIF Price in LKR (5)	All Other local chargers in LKR (6)	Unit price Excluding VAT LKR (7)=(5)+(6)	Total Price Excluding VAT LKR (8)=(3)x(7)	VAT LKR (9)	Total Price Including VAT LKR (10)=(8)+(9)	
1	HCI Solution (Including HCI cluster switches)	1								
	Next Generation									
2	Firewall	2								
3	L2 Switches	2								
4	42U Cabinet	1								
5									
			Total Bid Price including Three-year comprehensive warranty cost (Including labor, parts and other charges), Support & maintenance Excluding VAT							

Note 1: Indicate the pricing for licensing for software components such as OS and virtual environments (VM) stating the cost and the frequency of licensing including any other factor affecting the pricing.

Note 2: Add additional rows for any other items which requires pricing.

Note 3: Please state the cost of extended warranty for year 4 and year 5 separately

Note 4: Please state the cost of annual maintenance after warranty period

Note 5: Please provide unit price for HCI nodes, HCI cluster switches, 42U cabinet separately (Supply, delivery, installation and warranty should be included in the unit price)

Note 6 Bidder should provide additional switches, nodes and firewalls with same unit rate within the contract period

Note 7: Bidder must clearly indicate perpetual licenses and subscription-based licenses on the proposed solution

Note 8: 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 7 days prior to closing of bids as published by the Central Bank of Sri Lanka

Note 9 : Payment of the foreign currency component will be done (Adjusted) based on the selling exchange rate published by Central Bank of Sri Lanka at the date of LC opening.

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:** Chief Executive Officer, Sri Lanka CERT (Pvt.) Ltd,

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]*

Professional Staff (CV)

1. **Proposed Position** [*only one candidate shall be nominated for each position*]: _____
2. **Name of Firm** [*Insert name of firm proposing the staff*]: _____

3. **Name of Staff** [*Insert full name*]: _____

4. **Education** [*Indicate college/university and other specialized education of staff member, giving names of institutions, degrees obtained, and dates of obtainment*]: _____

5. **Membership of Professional Associations:** _____

6. **Other Training** [*Indicate significant training since degrees under 5 - Education were obtained*]: _____

7. **Experience in the specific role:** [*List the projects*]: _____

8. **Languages** [*For each language indicate proficiency: good, fair, or poor in speaking, reading, and writing*]: _____

9. **Employment Record** [*Starting with present position, list in reverse order every employment held by staff member since graduation, giving for each employment (see format here below): dates of employment, name of employing organization, positions held*] :

From [Year]: ____ To [Year]: _____

Employer: _____

Positions held: _____

<p>[Refer (c) Proposed Professional Staff, Section III – Evaluation and Qualification Criteria to meet the minimum requirement or preferably more]</p>	<p>10. Work Undertaken that Best Illustrates the Qualification <i>[Among the assignments in which the staff has been involved, indicate the following information for those assignments that best illustrate staff capability to handle the tasks listed under point 11.]</i></p> <p>Name of assignment or project: Client: Duration: Location:</p>
	<p>Brief description of the projects: Positions held:</p>

	Technologies used:
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11. Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

.....
[Signature of staff member]

Date:
Day/Month/Year

Full name of authorized representative :

Section V. Schedule of Requirements

1. List of Goods and Delivery Schedule
2. Technical Specifications
3. Drawings for the Total Solution
4. Other Documents to be submitted by the bidder
5. Service Requirements Compliance Sheets
6. General Warranty Terms & Service Level Agreement (SLA)
7. Inspection and Testing

1. List of Goods and Delivery Schedule

Item No	Description of Goods	Quantity Units	Final (Project Site) Destination as specified in BDS	Delivery and Installation	Related Services
1	HCI Solution (Including HCI cluster switches)	1	Shall be specified by Purchaser in the delivery stage	Within 08 weeks from the date of Contract	Supply, delivery, Installation, Configuration and Commissioning
2	Next Generation Firewall	2			
3	L2 Switches	2			
4	42U Cabinet	1			
5				

***Note:**

1. It is the Bidder's responsibility to obtain letters of acceptance of goods from the person/s nominated by the Purchaser at the time of delivery. Hence, arrangements will be made to issue such certificates within a week on receipt of goods and to notify the supplier within three working days, if there are any reason for non-acceptance/not in able to accept the goods.
2. Delivery note shall include details such as Brand Name, Model, Serial Number, Configuration, and Product Keys of License (as applicable).
3. Acceptance letters should indicate that the goods received in good condition and order.
4. It is the Bidder's responsibility to install and commission the items as required at the time of delivery.

2. Technical Specifications

2.0.1 Introduction

Sri Lanka CERT plans to establish the National Cyber Security Operations Center (NCSOC) to monitor the security events related to Critical Information Infrastructure of government agencies. The technical specifications and the technical related conditions in this section list out the requirements related to the hardware of establishing the supporting infrastructure for this project.

Sri Lanka CERT expects to procure following equipment for establishing the supporting infrastructure.

Item No	Description of Goods	Quantity Units
1	HCI Solution (Including HCI cluster switches)	1
2	Next Generation Firewall	2
3	L2 Switches	2
4	42U Cabinet	1
5	

Please note that all equipment will be procured as a single lot for the infrastructure solution.

The successful bidder is responsible for the Supply, Delivery, Installation, Testing and Commissioning of the HCI solution.

2.0.2 Guidelines for Preparation of Submission

Bidders are required to provide all technical information and other related conditions requested in this document. Any omissions could lead to Bid Response being disqualified.

Response for each technical specification shall be cross referred to the technical literature provided. This will speed up the evaluation process.

Bid Response shall be supported by submitting the relevant technical brochures in original print in English language.

If the proposed device does not meet the required specification, the Bidder shall clearly state the alternative option available with an explanation on how this option will fulfill the required specification. Such deviations will be considered as compliant only if it completely meets the specified requirement.

2.0.3 **Technical and Operational Manuals**

The successful Bidder is required to provide two hard copies each of the Technical and Operating Manuals for all active devices. Further, a set of softcopies are to be provided for both technical and operational manuals.

- | | | | |
|----|---------------------------------|---|----|
| a. | Technical Manuals (hard copies) | - | 02 |
| b. | Technical Manuals (soft copies) | - | 02 |
| c. | Operating Manuals (hard copies) | - | 02 |
| d. | Operating Manuals (soft copies) | - | 02 |

All manuals shall be in English.

2.0.4 **Updates and Upgrades**

The Bidder is required to clearly state how updating of system software and upgrading system firmware, if any, will be carried out during the warranty period and in the post warranty period.

2.0.5 **Licensing**

Sri Lanka CERT requires a clear understanding of the licensing required by the Bidder's proposed solution.

- a. Please state the components that require licensing in terms of hardware and software
- b. Please state the frequency of licensing whether one-time or annual for each component.

- c. Please state any other factors that has an impact on the licensing such as number of VMs, number of processors or number of cores, etc.

Pricing for licensing needs to be clearly indicated in the price quotation.

2.0.6 **Warranty Terms and Conditions**

The Standard Warranty Period shall be Three (03) years from the date of commissioning of the hardware solution. Warranty Terms and Conditions for all items are to be submitted for evaluation. These shall indicate:

- a. Any conditions for which warranty shall not be applicable, during the warranty period
- b. Replacement policy during the warranty period

2.0.7 **Extended Warranty**

Please indicate, in the pricing schedule, the cost of extending the warranty to 4th and 5th year separately.

2.0.8 **Post Warranty**

The Bidder is required to state the support that will be provided after the warranty period. This shall include Annual Maintenance Contract proposed by the Bidder with Terms and Conditions, Replacement Policy and Pricing (to be stated in the price quotation)

2.0.9 **Availability of Spares**

Bidder shall submit a letter from the manufacturer of each major component, i.e. Firewall, HCI hardware, switches, stating that spares for the proposed solution will be available for the next 5 years as a minimum.

2.0.10 **Hardware Lifecycle**

All hardware proposed for this solution shall not reach end of life status for 5 years from the date of bid submission of HCI solution. The Bidder has to submit a letter from the manufacturer confirming this.

2.0.11 Scalability of HCI Solution

The proposed solution shall be scalable by adding more hardware components. The Bidder is required to state any limitations in the scalability of the proposed solution.

In case of HCI nodes, Bidder is required to state whether the expansion is limited to the same make and model of the proposed hardware or the expansion can be carried out using non-proprietary components.

2.0.12 Training

The Bidder shall provide onsite training for five (05) Officers from Sri Lanka CERT in configuring and maintaining the HCI Solution.

2.0.13 Support for Application Installation

In case Sri Lanka CERT requires assistance in the installation of application software the Bidder shall provide such assistance. This is limited to installing the software at the primary level if any technical issue is encountered during the installation.

Bidders are required to state their compliance to specifications/requirements against each and every criterion of the specification sheets.

Incomplete specification compliance sheets shall be considered non- responsive.

2.1 HCI Solution

Bidders should propose HCI Solution in accordance with the below specifications. Any minimum specification which are not matched should be clearly mentioned and an appropriate alternative workaround may be proposed.

No	Minimum Specification	Bidder's Offer		Technical Reference (Page No.)
		Yes/ No	If "No" indicate your offer	
1.01	Manufacturer (Specify)			
1.02	Brand (Specify)			
1.03	Model (Specify)			
1.04	Country of Origin (Specify)			
1.05	Country of Manufacture (Specify)			
1.06	Year of Manufacture (Specify)			
1.07	The proposed HCI software must have been in the Gartner magic Quadrant leader for hyper converged infrastructure software in last 3 years. (2021, 2020, 2019)			
1.08	The solution should provide hyper converged software that allows delivery of enterprise class storage services using latest x86 server infrastructures without dependence on separate Storage Area Network & associated components such as HBAs and SAN Switches.			
1.09	The proposed HCI solution components should be from a single vendor, which includes HCI Stack (Management, Hypervisor, SDS, Monitoring, Backup and Recovery and Compute Nodes)			
1.10	The solution should support to All-Flash, hybrid and All-NVMe nodes.			
1.11	The total Proposed HCI solution should be software defined without dependency on any proprietary hardware device.			

1.12	The proposed solution should support leading hypervisors for Virtualization Infrastructure.			
1.13	The HCI solution should support all type of x86 server rack or blade server under single cluster.			
1.14	The HCI solution should support scaling hyper converged node (compute +storage), storage only or compute only independent of each other under a single cluster			
1.15	The propose HCI solution should provide minimum of 500 GHz Compute power with minimum of 5 number of server nodes, also it should have minimum 2 Intel cascade lake (or later) CPU per node.			
1.16	Minimum memory should be 768 GB per node and total cluster usable memory should be minimum 3TB (using 128GB DDR4-2666-MHz RDIMM/PC4-21300/dual rank/x4/1.2v in each node or better).			
1.17	The propose nodes should have minimum 4 of 10GE SFP+ and 4 of 1GE (RJ 45).			
1.18	The Hypervisor OS should be installed on a separate drive.			
1.19	2*240GB SSD with hardware RAID 1 boot.			
1.20	The HCI Cluster should support the expandability upto 16 nodes in a single cluster.			
1.21	The total HCI solution should be configured with minimum of 50 TB usable storage capacity with resiliency factor 2 data replication policy. (The 50 TB usable capacity should be provided without Dedup & Compression turned on and hybrid or All-Flash)			
1.22	The storage solution with the HCI should have in-built software defined storage capability integrated within the Hypervisor kernel itself and not using virtual storage controller architecture for deliver better performance			
1.23	The proposed HCI solution should support expansion upto usable 100 TB			

1.24	The SSD and HDDs must be presented via pass through mode without any hardware RAID on every server node.			
1.25	should support Inline Deduplication across SSD or HDD			
1.26	Should support Inline Compression in persistent storage tier			
1.27	The HCI storage should be a scale-out distributed storage architecture			
1.28	The HCI Vendor should provide SSD cache tier and HDDs from all the nodes in the cluster and should present a single storage resource pool for all server nodes in the cluster, each node in HCI should contribute for compute and storage for balance performance.			
1.29	The HCI solution should support various data replication methods (RF=2 & RF=3) for data protection. If license is required should be quoted.			
1.30	The Solution should allow for taking snapshots of individual Virtual Machines to be able to revert back to an older state, if required.			
1.31	Should support Instant space optimized point-in-time clones and Snapshots.			
1.32	Should support VM based replication for disaster recovery.			
1.33	HCI Cluster should be capable of providing Zero RPO by deploying stretched cluster for a metro distance Datacenter Sites.			
1.34	HCI Cluster should be capable of providing Zero RPO by deploying stretched cluster for a metro distance Datacenter Sites.			
1.35	HCI Cluster should be capable to maintain ACTIVE-ACTIVE Datacenters with synchronous and asynchronous replication methods with Zero RPO and RTO.			
1.36	Automated rebalancing of data across all HCI nodes during continuous operation and cluster expansion.			

1.37	The Solution should allow for taking clones of individual Virtual Machines for faster provisioning.			
1.38	The proposed solution should have Virtual Machine dynamic/automatic Resource Scheduling, snapshot, cloning, vmotion and virtual network visualization.			
1.39	Firmware upgrade / rollback should be possible for all the components in the infrastructure including the server, Ethernet switch modules and Other IO modules from the GUI console.			
1.40	Should supports multiple level of authentication methods including TACACs+, LDAP and RADIUS.			
1.41	Should be support Role Based Access Control			
1.42	Should support agentless internal hard disk drive monitoring and tracking.			
1.43	Should have single dashboard to manage and provision virtual machines, network, and storage, monitor performance and manage events & alerts.			
1.44	Should support centralized and embedded management with seamless high availability built into the infrastructure.			
1.45	Each server node and other hardware equipment should have dedicated redundant hot swap power supplies and cooling fans.			
1.46	Any additional license required should be included for 3 years			
1.47	Should support to scale HCI node for elastic scaling of capacity with performance.			
1.48	Should support scale HCI up or down in a non-disruptive manner without having to power down any nodes			
1.49	The proposed HCI platform must natively support all the storage platforms, namely file and block and must be managed by a single management console.			
1.50	Must provide all required cables, connectors, and other peripherals needed to make the HCI operational			

1.51	Each node should have dedicated management port to perform below activities remotely , Power on and off, Restart , Monitor the server regardless of OS, firmware upgrades			
1.52	HCI solution should have industry standard security compliance like DISA STIG Compliant, USGv6 and IPV6 Ready, VPAT Compliant, FIPS 140-2 compliant and Common Criteria framework compliant or specify			
1.53	The proposed HCI vendor should maintain local hardware depot located within Colombo			
HCI Cluster Switches				
1.54	The proposed HCI switches must have been in in the Gartner magic Quadrant leader for Wired and wireless LAN for the last 3 years. (22,21,20)			
	The HCI solution should include separate network switch cluster in the solution.			
1.55	The proposed solution should support minimum 2 Qtys of switches with 10Gbps SFP+ 24 ports, 2 * 40Gbps QSFP ports and redundant power supplies and cooling fans. (Specify).			
1.56	The integrated network switch should support NFS/ISCSI/SMB protocol. (Specify)			
1.57	The network switch should support QoS to prioritize the traffic			
1.58	The network switch should support to minimum of 50 primary VLANs per pair of switches			
1.59	Should supports a minimum of 4 active SPAN session per switch			
1.60	Should support more than 1500 active VLANs per pair of switches.			
1.61	The proposed switches should be maintain Local Hardware depot located within Colombo.			

Note: Product Brochure(s) should be attached

2.2 Next Generation Firewall

No	Feature	Minimum Specification	Bidder's Offer		Technical Reference (Page No.)
			Yes/ No	If "No" indicate your offer	
2.1	Manufacturer	(Specify)			
2.2	Brand	(Specify)			
2.3	Model	(Specify)			
2.4	Country of Origin	(Specify)			
2.5	Country of Manufacture	(Specify)			
2.6	Year of Manufacture	(Specify)			
2.7	Rack Support	19" Rack Mountable			
2.8	Dimensions	(Specify)			
2.9	Gartner report	Proposed Firewall OEM must be Leader in Gartner's Magic Quadrant for Enterprise Network Next Generation Firewall for the past 3 years (2022 ,2021,2020)			
2.10	Firewall Hardware	The Firewall should be an appliance based platform including security hardened with built operating system.			
2.11		Appliance should be rack mountable and support side rails if required (Standard 19 ")			
2.12		Firewall should have at least 480 SSD Storage			
2.13	I/O Ports	Should Support minimum 2 x 40GBase-F QSFP+ and 8 x 1000Base-T RJ45 ports from day 1			
2.14		Must have USB & RJ 45 console port , Should have OOB/LOM			
2.15	Firewall Throughput	Minimum 35 Gbps			

2.16	NGFW Throughput	Minimum 13 Gbps			
2.17	VPN Throughput	Minimum 4.5 Gbps			
2.18	Threat Prevention	Minimum 5 Gbps			
2.19	IPS Throughput	Minimum 18 Gbps			
2.20	IPSec VPN Tunnels (Gateway – Gateway)	2000 Or higher			
2.21	SSL-VPN Users	20 or higher			
2.22	Concurrent Sessions	Should support 8,000,000			
2.23	New Sessions/Sec	162500 or higher			
2.24	Firewall Policies	Minimum 125000			
2.25	Licenses	Should be Enterprise license for Firewall/ VPN (IPSec & SSL) and other features. (Specify)			
2.26	Network and Routing	Static Routing should be supported. (Specify)			
2.27		Policy based Routing must be supported. (Specify)			
2.28		Dynamic Routing (RIP, OSPF & BGP) must be supported for both IPv4 and IPv6.			
2.29	QoS	POLICY Based traffic shaping by Source and Destination (Specify)			
2.30	End user Authentication	Support for external RADIUS & LDAP integration for User and Administrator Authentication. (Specify)			
2.31	High Availability Configuration	Active/Active or Active/Passive, Clustering (Specify)			
2.32		Support VRRP and Link Failure Control. (Specify)			
2.33		The Firewall must support stateful failover for Firewall sessions. (Specify)			
2.34		The HA Architecture should have the ability for Device Failure Detection and Notification.			
2.35		Support authentication for HA members (Specify)			
2.36	Firewall Features	Antivirus Intrusion Prevention system (Specify)			

2.37		The solution must provide the ability to Protect against zero-day & unknown malware attacks before static signature protections have been created			
2.38		Web Filtering Email filtering (Spam/ Gray ware) (Specify)			
2.39		Bot prevention (Specify)			
2.40		IPS must support network exceptions based on source, destination, service or a combination of the three			
2.41		Application control database must contain more than 9500 known applications.			
2.42		Anti-bot application must be able to detect and stop suspicious abnormal network behavior			
2.43		Support IPv4 and IPv6 (Specify)			
2.44	Management	Should support centralized configuration, monitoring and reporting with separate management appliance or vm based solution			
2.45		Should support for role based administration of firewall			
2.46		Real-Time Monitoring, Management & Log Collection (with storage) should be provided			
2.47		Management Server must allow administrator to choose to login in read -only or read-write mode. Option must be available for multiple admin logins in management.			
2.48	VPN	Encryption support for AES 256/ AES 192 /AES 128 / 3DES/ DES			
2.49		Integrated certificate Authority (X. 509)			
2.50		Topology support for Star and Mash			
2.51		VPN agent support for completed end point security with VPN, Desktop firewall			
2.52		Fully integrated SSL VPN gateway support to provide on demand SSL-based access.			

2.53	Monitoring, Logging and Reporting	Management must be separate VM/ Hardware and should be able to manage policy and should have reporting functions (Specify)			
2.54		Should able to retain the logs for the period of 3 months' time and should able to send to a separate server. (Specify)			
2.55		Should able view the current session details from the dashboard, including, Source, Destination, Country, Application, etc. (Specify)			
2.56		Logging and Reporting solution should support to integrate multiple NGFW devices (From the Same Brand) and should able to provide virtualized administration logins to view the logs and reports to different NGFW (Specify)			
2.57		Real time Bandwidth Monitoring			
2.58		Graphical Summary of Applications, Threats and Data (Specify)			
2.59		Session Tracing (Specify)			
2.60		Traffic, Threats, Data Filtering Logs (Specify)			
2.61	Power Supplies	Should support hot swappable dual power supply			
2.62	Manufacturer Authorization Letter	Should provide manufacturer's authorization letter			
2.63	Warranty	3 Years comprehensive manufactures authorized warranty & Vendor should operate 24/7/365 global Technical Assistance Center (TAC) with phone and e-mail support.			
2.64	Availability of Spare Parts	Should have a local parts depot in Colombo			

Note: Product Brochure(s) should be attached

2.3 L2 Switches

No	Feature	Minimum Specification	Bidder's Offer		Technical Reference (Page No.)
			Yes/ No	If "No" indicate your offer	
3.1	Manufacturer	(Specify)			
3.2	Brand	(Specify)			
3.3	Model	(Specify)			
3.4	Country of Origin	(Specify)			
3.5	Country of Manufacture	(Specify)			
3.6	Year of Manufacture	(Specify)			
3.7	Gartner report	Proposed Switch OEM must be Leader in Gartner's Magic Quadrant for Wired LAN Infrastructure for the past 3 years (2022 -2020)			
3.8	Interface	Should have minimum 16 x 1G Ethernet interfaces			
3.9		Should have minimum 8 x 10G SFP+			
3.10		Should support minimum 8 x 40 G QSFP			
3.11		Should be able increase at least another 4*40Gig QSFP+ for future expansions			
3.12	VLAN	Should Support minimum 4096 Specify)			
3.13		Switching capacity should be minimum 1 Tbps			
3.14		Support switch model should be stackable			
3.15		Stacking bandwidth should be minimum 480 Gbps			

3.16		Should support Fast Ethernet (IEEE 802.3u, 100BASE-TX)			
3.17		Should support Gigabit Ethernet (IEEE 802.3z, 802.3ab)			
3.18		Should support IEEE 802.1q - VLAN encapsulation			
3.19		Should support IEEE 802.3ad - Link Aggregation Control Protocol (LACP)			
3.20		Should support IEEE 802.1s - Multiple Spanning Tree Protocol			
3.21		Should support IEEE 802.1w - Rapid Spanning Tree			
3.22	Supported Protocol / Standards	Should support IEEE 802.1d - Spanning-Tree Protocol			
3.23		Switch should support minimum 280000 MAC addresses per system			
3.24		Should support Power over Ethernet (IEEE 802.3af)			
3.25		Should support Jumbo Ethernet frames over 9000bytes			
3.26		Should support auto-negotiation (Link Speed/Duplex)			
3.27		L2 switching throughput should not be less than 1000Mpps			
3.28		Should support Dynamic Host Configuration Protocol(DHCP)			
3.29	Management	Should provide management using 10/100/1000-Mbps management or console ports			
3.30		Should support Secure Shell Version(SSH), SNMPv3 & Kerberos			

3.31		Should have Switched Port Analyzer (SPAN) / Remote Switch Port Analyzer (RSPAN) on physical, Port Channel, VLANs			
3.32		Should support AAA using RADIUS (RFC 2138 & 2139) and/or TACACS+ to enabling centralized control of the device			
3.33		Should support VLAN based ACLs (VACLs) and Port-Based ACLs (PACLs)			
3.34		Should support DHCP Snooping, IP Source Guard, Dynamic ARP Inspection (DAI) and Control Plane Protection			
3.35	Power	Should have Redundancy Power Supply Units (PSUs)			
3.36		Should support 240V AC power			
3.37	Manufacture Authorization	Should provide manufacturer's authorization letter			
3.38	Warranty	3 Years comprehensive on-site manufactures authorized warranty (labor & parts) 24 x 7 x 365 support Maximum Response time of 2 hours and 6 hours for Resolution If the equipment/ item to be replaced or repair beyond the resolution time, one to one backup should be provided and configured			
3.39	Availability of Spare Parts	should have a local parts depot in Sri Lanka.			

Note: Product Brochure(s) should be attached.

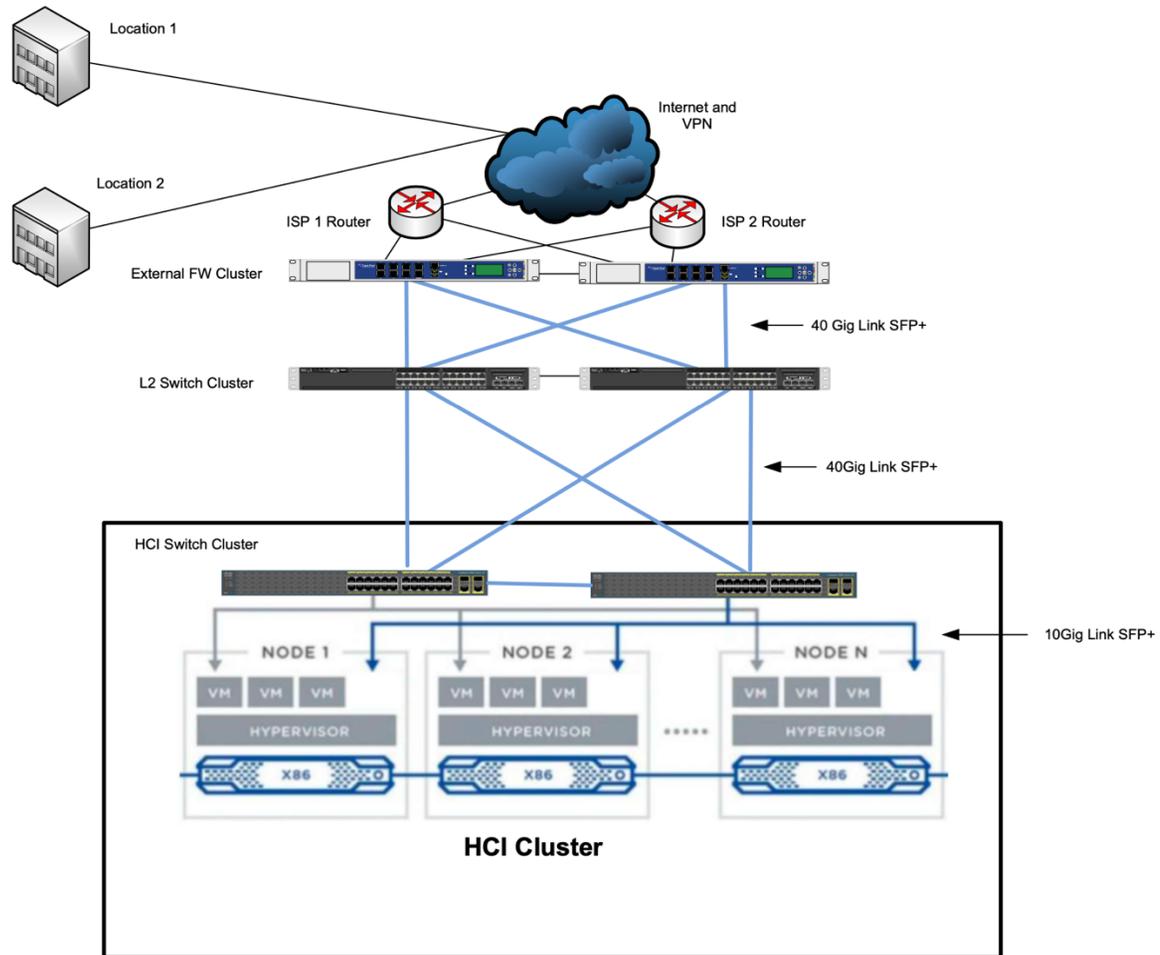
2.4 42U Cabinet

No	Details	Complied (Yes/No)	If Yes Bidders Response/Reference Page	If No Bidders Response/Reference Page
4.1. Brand (Specify)				
4.2. Model (Specify)				
4.3. Country of Origin (Specify)				
4.4. Country of Manufacture (Specify)				
4.5. Minimum Technical Requirements				
4.5.1	Manufacture's authorization(to be specified by the Bidder)			
4.5. 2	3 Year comprehensive warranty and services			
4.5. 3	Manufacturer shall be ISO 9001:2008 certified			
4.5. 4	19" floor-standing perforated cabinet, 42U rack height, 1000mm depth/width, multiple cable entries on top and at bottom			
4.5. 5	2nos fan plate with 3 fan's			
4.5. 6	Output Voltage 100V-230V, Maximum Input Current 32A, Cable Minimum 3m Length, IEC 320 C13 -Minimum of 16 outlets, IEC 320 C19 -minimum of 6 outlets, Remote Management Capabilities (SNMP), digital display, 3 year repair or replace, Overload Protection Availability.			
4.5. 7	Adequate blank plate ,cable entry plate and M6 Cage Nuts with washes			
4.5. 8	Performance to conform to : ANSI/EIA RS-310-D, IEC297-2, DIN41494; PART 1, DIN41494; PART 7, ETSI Standard			

4.5. 9	SPCC cold rolled 2mm steel with welded frame housing, powder coated in light grey RAL 7035 or black RAL 9004			
4.5. 10	Digital IP KVM And LCD Display Console, 1U, Minimum 16 ports, Windows, Sun, Unix and Linux compatible. USB VGA KVM Adapter, Remote users - 01, Local User -1, Display 17" Rack LCD Console(Rack mountable), Full size keyboard with integrated number pad. RJ-45 Connectors Compatibility(Cat 5e/6).3 year repair or replace.			

Note: Product Brochure(s) should be attached.

3. Drawings for the Total Solution



4. Other Documents to be submitted by the bidder

No.	Document Name	Submission of Document	
		Yes/ No	If “No” indicate your reason
4.1	Level Design document (LLD), Physical Architectural diagrams, As built, Troubleshooting guides, Operational Checklist, User manual in both soft copies & hard copies shall be provided to purchaser		
4.2	Product Brochure(s) / Data sheets. Data sheets should be publicly available		
4.3	CVs of the proposed professional staff		

5. General Compliance

5.1 General compliance

	Minimum Service Requirements	Bidder's Offer	
		Yes/ No	If No Indicate your Offer
1	Bidder is required to supply, deliver, install, configure and commission the hardware, software and other components mentioned in the Section V – Schedule of Requirements to smooth functioning of the proposed solution.		
2	The Bidder is required to supply, deliver, install and configure network and system components (e.g. Cables, Modules, etc.) necessary to install hardware, software and other components to ensure smooth functioning of the proposed solution.		
3	Supplier is required to comply with all the Service Level Agreements and General Warranty Requirements as mentioned in the Section V – Schedule of Requirements.		
4	Supplier is required to provide professionals as mentioned in the Section III Evaluation and Qualification Criteria.		
5	Every Device Component in the systems shall be fully redundant in order to avoid single point of failure.		
6	In case of system failure, failed items shall not be removed from the location without the consent of the purchaser.		
7	Any additional components necessary to implement the solution, specify and included in the items listed in Section V and shall not be quoted separately.		
8	Every copper and fiber connections shall be properly and orderly labeled with tags.		
9	All devices' firmware should be up-to-date at time of installation. Report shall be submitted to the purchaser with all device firmware level information		
10	All devices administrative passwords shall be submitted to the purchaser with the above report.		
11	Alerting System should facilitate performance parameters of the total Solution		
12	Purchaser should be able to access historical alerts and notifications up to 3 months.		
13	Environmental: Unless otherwise specified, all equipment must operate in environments of general Sri Lankan conditions.		

14	Safety: All electronic equipment that emits electromagnetic energy must be certified as meeting International standards		
15	Purchaser will NOT be responsible for the issuance of any licenses or authorizations required for this project for the Bidder.		
16	The items listed as requirements and deliverables must be used only as guidance of the deliverables and not as a limiting factor to provide additional information required that may not be listed here		
17	Bidder shall allocate qualified dedicated personnel or team 24x7 to directly communicate with Purchaser technical team to resolve all technical issues and carry out technical improvements within the contract period. Bidder should provide single point of contact & proper escalation matrix		
18	The proposed solutions shall be able to scale up or scale out according to requirements of the Purchaser. Bidder must provide the solution architecture to scale up for future expansions & high availability with the proposed solution.		
19	Product Upgrades: Hardware firmware or software upgrades without additional cost to purchaser		
20	Provide an immediate RMA or back-up unit at any time the HCI equipment is not working or under repair		
21	Certification from the manufacturer or main authorized distributor in the Sri Lanka that all proposed items will not reach its END-OF-LIFE (products) and END-OF-SUPPORT (services) in 5 years' time from the date of award of contract.		
22	Bidder should provide all the required interface modules and facilitate with all the passive components		
23	Electrical Power: All active (powered) equipment must operate on: voltage range and frequency range, e.g., 220v +/- 20v, 50Hz +/- 2Hz . All active equipment must include power plugs standard in Sri Lanka.		
24	Bidder shall do initial configurations to meet Sri Lanka CERT requirements and shall obtain OEM recommendation for the initial configuration.		
25	Bidder should provide on-site operational support for Sri Lanka CERT to perform configuration management by OEM Certified engineers.		
26	The proposed hardware architecture for the solution is given under section “3. Drawings for the Total Solution”. The offer needs to comply with this architecture.		
27	The proposed solution should be run different types virtual machines on different OS platform , such as all the Linux flavors, Unix , Windows		

28	Bidder shall provide all labor, material, parts, software, devices with same or better specifications required for troubleshooting and fault rectification without additional charge to the Sri Lanka CERT		
29	Bidder shall purchase required Hardware, software, licenses, warranty & support, software subscriptions, support contracts from principal suppliers on behalf of Sri Lanka CERT & must be procured under Sri Lanka CERT ownership.		
30	Bidder shall ensure that hardware, applications, operating systems, system software and other software are running in latest versions without additional cost during the contract period		
31	Bidder must provide Proactive and preventive maintenance schedules and should agree with Sri Lanka CERT at the start of this contract. Such records and completed tasks need to be shared by Weekly/Monthly/Quarterly/Bi-Annually and as and when required.		
32	Bidder shall agree to SLA stipulated under section 6		
33	Bidder shall provide on-site support and should carried out required configuration management activities for all the maintenance activities / operational requirement initiated by the Sri Lanka CERT		

5.2 Training Requirements

Requirements	Description	Bidder's Offer	
		Yes/ No	If "No" indicate your
Training for 5 CERT Staff	OEM certified training on following but not limited to installing, configuring, administration, management, and policy creation, automation, back-up and troubleshooting of the proposed Hyper Converged Infrastructure which includes Hypervisor/Virtualization.		

6. General Warranty Terms & Service Level Agreement (SLA)

Service Level Agreement

6.1. Incidents Response

#	Measurement	Definition	Measurement Interval	Target	Penalty
1	Response Time	“Response Time” is the total time taken by the Bidder between registering the complaints through any channels like ticketing system/ telephone / e-mail /in-person. This should include the generation of an acknowledgement with a reference id to track changes or work done.	Monthly	100% escalated incidents responded to within 30 Minutes.	No Penalty
				Escalated incident not responded to within 30 minutes	0.01% of the Total contract value for every 30 Minutes of delay on every Incident.

6.2. Resolution Time

Service Level Agreements	Resolution Time	Service/ equipment/components measurement	measured period	Penalty
Critical Incidents	2 hours “Resolution time” is amount of time between when the Purchaser first report an incident and when that problem is actually solved.	Any of system / services /system sub components / hardware /Software / Firmware / Internal connectivity failure of the provided solution which results in full or partial failure of NSOC operations.	24x7x30 (Monthly)	No Penalty if Monthly availability is more than or equal to 99.98 %
				If Monthly availability is less than 99.98 % (Total downtime 8 minutes), 0.2% of Total contract value will be charged for additional one hour of downtime on an incremental basis
				If the number of Critical Incidents over two (2) per month, 0.1% of the total contract value per incident will be charged from 3rd critical incident onwards.
High Incident	6 hrs. “Resolution time” is amount of time between when the Purchaser first report an incident and when that problem is actually solved.	Any of system / services /system sub components / hardware / Software / Firmware / Internal connectivity failure of the provided solution which results in high availability failure or Performance degrades	24x7x30	No Penalty if 100% escalated high incidents resolved within 6 hours.
				0.02 % of the Total Contract value for every one hour of delay after initial six (6) hours on an incremental basis per high incident.
				If the number of high Incidents over two (2) 0.01% of the total contract value per incident will be charged.

7. Inspections and Tests (CC 25.1)

Inspection will be carried out based on the provided specification in Section V.

The bidder will provide test cases for Operations Acceptance Testing (OAT) to be conducted (agreed upon with the purchaser) once the necessary installations and configurations are completed. Final acceptance will be upon successful OAT results.

Accordingly, following inspections and tests shall be performed:

No	Item	Minimum Service Requirements	Yes / No	Describe Offer
7.1	Inspection For Compliance with Specification	All items will be physically examined for correct hardware and software configurations as defined in the specification.		
7.2	Functionality Test	All Hardware and Software will then be tested for proper functionality as per the specification given in the Bidding document and for the initial configuration requirements given by Sri Lanka CERT.		

Section VI Conditions of Contract

- 1. Definitions**
- 1.1 The following words and expressions shall have the meanings hereby assigned to them:
- (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.
 - (b) “Contract Documents” means the documents listed in the Contract Agreement, including any amendments thereto.
 - (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 there from, as may be made pursuant to the Contract.
 - (d) “Day” means calendar day.
 - (e) “Completion” means the fulfilment 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.
 - (f) “CC” means the Conditions of Contract.
 - (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.
 - (h) “Purchaser” means the entity purchasing the Goods and Related Services, as specified in the Contract Data.
 - (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.
 - (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.
 - (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.
 - (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**
- 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:
- 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;
 - ii. “Fraudulent practice” means a misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract;

		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, non-competitive levels; and
		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.
4. Interpretation	4.1		If the context so requires it, singular means plural and vice versa.
	4.2		Entire Agreement The Contract constitutes the entire agreement between the Purchaser and the Supplier and supersedes all communications, negotiations and agreements (whether written or oral) of the parties with respect thereto made prior to the date of Contract.
	4.3		Amendment 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.
	4.4		Severability 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.
5. Language	5.1		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 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. 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.
6. Joint Venture, Consortium or Association	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 fulfilment 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.
7. Eligibility	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.
8. Notices	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.
	8.2		A notice shall be effective when delivered or on the notice’s effective date, whichever is later.
9. Governing Law	9.1		The Contract shall be governed by and interpreted in accordance with the laws of the Democratic Socialist Republic of Sri Lanka.

10. Settlement of Disputes	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.
	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.
	10.3	Notwithstanding any reference to arbitration herein, (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and (b) The Purchaser shall pay the Supplier any monies due the Supplier.
11. Scope of Supply	11.1	The Goods and Related Services to be supplied shall be as specified in the Schedule of Requirements.
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	15.1	The Contract Price, shall be paid as specified in the Contract Data.
	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 fulfilment of all other obligations stipulated in the Contract.
	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.
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	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.
	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.

- 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.
- 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.
- 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 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.
- 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.
- 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.
- 19.4 the provisions of CC Clause 19 shall survive completion or termination, for whatever reason, of the Contract.
- 20. Subcontracting**
- 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.
- 20.2 Subcontracts shall comply with the provisions of CC Clauses 3 and 7.
- 21. Specifications and Standards**
- 21.1 Technical Specifications and Drawings
- (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.
- (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.
- (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.

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| 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 | 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 . |
| | 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. |
| | 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. |
| | 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. |
| | 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 impedes 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. |
| | 25.6 | The Supplier shall provide the Purchaser with a report of the results of any such test and/or inspection. |
| | 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 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. |
| | 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. |

- 26. Liquidated Damages** 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 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.
- 27. Warranty** 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.
- 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.
- 27.3 Unless otherwise specified in the **Contract Data**, the warranty shall remain valid for thirty-six (36) 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**.
- 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.
- 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.
- 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.
- 28. Patent Indemnity** 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:
- (a) the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and
- (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.
- 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.
	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
	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.
	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.
29. Limitation of Liability	29.1	Except in cases of criminal negligence or willful misconduct, (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 (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.
30. Change in Laws and Regulations	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.
31. Force Majeure	31.1	The Supplier shall not be liable for forfeiture of its Performance Security, liquidated damages, or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
	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.
	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.

32. Change Orders and Contract Amendments

- 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:
- (a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
 - (b) The method of shipment or packing;
 - (c) The place of delivery; and
 - (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.
- 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.
- 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.

33. Extensions of Time

- 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.
- 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.

34. Termination

- 34.1 Termination for Default
- (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:
 - (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;*
 - (ii) *if the Supplier fails to perform any other obligation under the Contract; or*
 - (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.*
 - (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.

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

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.

(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:

- (i) *to have any portion completed and delivered at the Contract terms and prices; and/or*
- (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*

35. Assignment 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.

Section VII. Contract Data

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(h)	The Purchaser is: Sri Lanka CERT (Pvt.) Ltd.
CC 1.1 (l)	The Project Site(s)/Final Destination(s) are: Shall be specified by Purchaser in the delivery stage.
CC 6.1	Joint Ventures and Consortiums are not allowed. Sub-contracting is not allowed.
CC 8.1	For notices , the Purchaser's address shall be: Attention: Project Manager Address: Sri Lanka CERT (Pvt.) Ltd, Room: 4-112, BMICH, Colombo 7, Sri Lanka. Telephone: +94 11 269 1692/269 5749/267 9888 Fax number: +94 11 269 1064 Electronic mail address: procurement@cert.gov.lk
CC 14.1	The prices charged for the goods supplied and related services performed shall not be adjustable.
CC 15.1	<p>The method and conditions of payment to be made to the Supplier under this Contract shall be as follows:</p> <p>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.</p> <p>a. Upon Delivery and Installation: to a maximum of twenty-five (25%) percent of the Contract Price, shall be paid on successful delivery and installation of the Goods delivered, and upon submission of the documents specified below and subject to Inspections, and Documentation specified in the Schedule of Requirements.</p> <ul style="list-style-type: none"> (i) Supplier invoice showing contract number, goods description, quantity, unit price and total amount; (ii) Warranty Certificates; (iii) Delivery note and configuration of receipt of goods confirming items delivered and installed; (iv) Acceptance certificate certifying that the Goods delivered and installation are in good condition and Goods order issued by Purchaser or nominated authorized person by the Purchaser. <p>b. Upon final Acceptance: Seventy-five (75%) percent of the Contract Price shall be paid to the Supplier within thirty (30) days after the successful completion of configuration, knowledge transfer, commissioning, OAT and upon issuing of Final Acceptance Letter by the Purchaser. Final Acceptance Letter shall be issued pursuant to the CC Sub-Clause 25.1. Following documents shall also be submitted;</p> <ul style="list-style-type: none"> (i) Low Level Design Document (LLD) (ii) As Built Document

	<p>(iii) Test Case Results (iv) OAT Document Signed off by the Purchaser</p> <p style="text-align: center;">Following documents shall be submitted by the contractor.</p> <p>(i) Reports on dedicated preventive maintenance (As per the CC 27.5 C) (ii) SLA performance reports signed off by the purchaser.</p> <table border="1" data-bbox="475 465 1544 913"> <thead> <tr> <th>No.</th> <th>Activity</th> <th>Time Schedule</th> <th>Payment / % of the Contract Price</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Delivery and Installation of goods as specified in the Section V Schedule of Requirement</td> <td>Within 6 weeks after awarding the contract</td> <td>25% pursuant to the CC 15.1 (a)</td> </tr> <tr> <td>02</td> <td> <ul style="list-style-type: none"> • Configuration and Commissioning of Hardware and Software. • Administration and Knowledge transfer • Successful completion of OAT (Final acceptance) </td> <td>Within 08 weeks after awarding the contract</td> <td>75% pursuant to the CC 15.1 (b)</td> </tr> </tbody> </table>	No.	Activity	Time Schedule	Payment / % of the Contract Price	01	Delivery and Installation of goods as specified in the Section V Schedule of Requirement	Within 6 weeks after awarding the contract	25% pursuant to the CC 15.1 (a)	02	<ul style="list-style-type: none"> • Configuration and Commissioning of Hardware and Software. • Administration and Knowledge transfer • Successful completion of OAT (Final acceptance) 	Within 08 weeks after awarding the contract	75% pursuant to the CC 15.1 (b)
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CC 17.1	The Performance Security acceptable to the Purchaser shall be the in the Standard Form of unconditional Bank Guarantee (as per the format given in the Bidding Document) issued by any commercial bank licensed by the Central Bank of Sri Lanka and the amount shall be 10% of the total contract price (excluding VAT). Performance security shall be submitted within 14 working days of the date of notification of award from the employer. It shall be valid up to 28 days following the date of Completion of the Supplier’s performance obligations under the contract, including any warranty obligations. Warranty obligation shall be Three (3) years.												
CC 17.3	Format of the Performance Security is given in the Section VIII Contract Forms												
CC 20.1	Sub-contracting is not allowed under this procurement. Bids submitted with sub-contractors will be considered as non-responsive and will be rejected.												
CC 25.1	<p>(i) Testing shall be done at the location specified by the purchaser as per the Section V Schedule of Requirement, Inspections and Tests.</p> <p>(ii) The inspection of the Goods shall be carried out to check whether the Goods are in conformity with the technical specifications. All items supplied shall be inspected and tested and shall be 100% matched with the specification submitted by the bidder.</p> <p>(iii) Following broad test procedure will generally be followed for inspection and testing of components. The supplier will dispatch the goods to the ultimate purchaser after internal inspection testing along with the supplier’s inspection report, manufacturer’s warranty certificate. The purchaser will test the equipment after completion of the installation and commissioning at the site of the installation.</p> <p>(iv) Complete hardware and software as specified in Section V should be supplied, installed and commissioned properly by the supplier prior to commencement of performance tests.</p> <p>(v) The acceptance test will be conducted by the purchaser/their consultant or any other person nominated by the purchaser, at its option with the Contractor. The acceptance will involve trouble-free operation for seven consecutive days. There shall not be any additional charges for carrying out acceptance tests. No malfunction, partial or complete failure of any part of hardware or excessive heating of motors attached to hardware, drivers etc. or bugs in the software should occur. All the software should be completed and no missing modules/sections will be allowed. The supplier shall maintain necessary log in respect of the results of the tests to establish to the entire satisfaction of the purchaser, the successful completion of the test specified.</p>												

	(vi) In the event of the hardware and software failing to pass the acceptance test, a period not exceeding two weeks will be given to rectify the defects and clear the acceptance test, failing which the purchaser reserves the rights to get the equipment replaced by the supplier at no extra cost to the purchaser.										
CC 26.1	The liquidated damage shall be Two percent (2%) of the contract price per month (30 calendar days). The maximum amount of liquidated damages shall be Ten percent (10 %) of the total contract price.										
CC 27.3	<p>The warranty for the following items shall be as follows;</p> <table border="1"> <thead> <tr> <th>Items</th> <th>Comprehensive Warranty Period</th> </tr> </thead> <tbody> <tr> <td>HCI Solution including HCI cluster switches</td> <td>3 years</td> </tr> <tr> <td>Next Gen Firewall</td> <td>3 years</td> </tr> <tr> <td>L2 Switch</td> <td>3 years</td> </tr> <tr> <td>42U Cabinets</td> <td>3 years</td> </tr> </tbody> </table> <p>Comprehensive warranty shall commence from the Issue Date of the Final Acceptance Letter by the Purchaser. Supplier must bear all charges with regard to the supply of spare parts, labour, travel, per diem and accommodation to supplier's staff etc.; during the period of warranty. Purchaser shall NOT pay any additional expenditure for service rendered during the Comprehensive Warranty period. Supplier must adhere to the Service Level Agreements (SLA) listed in Section V Schedule of Requirements.</p>	Items	Comprehensive Warranty Period	HCI Solution including HCI cluster switches	3 years	Next Gen Firewall	3 years	L2 Switch	3 years	42U Cabinets	3 years
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Next Gen Firewall	3 years										
L2 Switch	3 years										
42U Cabinets	3 years										
CC 27.5	<p>(A) The Supplier MUST maintain stocks of spare parts for repairs and replacements for the duration of the warranty service period.</p> <p>(B) The Supplier MUST make qualified personnel available to the Purchaser by telephone, email or web access for the reporting and resolution of the problems with Hardware during warranty period.</p> <p>(C) Annually Three (3) dedicated preventive maintenance services (by every four months) shall be provided by the bidder during the period of the warranty and submit completion report to the Purchaser.</p>										

Section VIII. Contract Forms

Table of Forms

1. Contract Agreement
2. Performance Security
3. Advance Payment Bank Guarantee – **Not Applicable**

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 products and ancillary services, viz., [*insert brief description of products and Services*] and has accepted a Bid by the Supplier for the supply of those products 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 Functional 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 Products 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 Products 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]*

Performance Security

[Note: the purchaser is required to fill the information marked as “” and delete this note prior to selling of the bidding document]*

[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 Purchaser]* -----

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)]

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)¹ 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 date²]*. _____

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

¹ The bank shall insert the amount(s) specified in the CONTRACT DATA and denominated, as specified in the CONTRACT DATA, either in the currency (ies) of the Contract or a freely convertible currency acceptable to the Purchaser.

² Insert the Delivery date stipulated in the Contract Delivery Schedule. The Purchaser should note that in the event of an extension of the time to perform the Contract, the Purchaser would need to request an extension of this Guarantee from the bank. Such request must be in writing and must be made prior to the expiration date established in the Guarantee. In preparing this Guarantee, the Purchaser might consider adding the following text to the Form, at the end of the penultimate paragraph: "We agree to a one-time extension of this Guarantee for a period not to exceed [six months][one year], in response to the Purchaser's written request for such extension, such request to be presented to us before the expiry of the Guarantee."