



**Information and Communication Technology
Agency of Sri Lanka**

BIDDING DOCUMENT

National Competitive Bidding (NCB)

**Procurement of supply delivery, installation and
configuration of automated backup solution for
Lanka Government Cloud (LGC 2.0)
[IFB No: ICTA/GOSL/GOODS/NCB/2021/05]**

**Information and Communication Technology Agency of Sri Lanka
No. 490, 6th Floor,
R.A.De Mel Mawatha,
Colombo 03**

November 2021



Information and Communication Technology Agency of Sri Lanka (ICTA)

Invitation for Bids (IFB)

Procurement of supply delivery, installation and configuration of automated backup solution for Lanka Government Cloud (LGC 2.0)

[IFB No: ICTA/GOSL/GOODS/NCB/2021/05]

1. Lanka Government Cloud 2.0 (LGC 2.0) is ICTA built and operated national infrastructure which facilitates software application hosting services for the Government Institutions of Sri Lanka. As per the circular issued on 13-Jan-2020 by the presidential secretariat, it has mentioned LGC 2.0 is the main hosting facilitator for all government organizations. Accordingly, the demand for LGC 2.0 hosting services has been increasing rapidly over the last year. ICTA has identified the importance of having automated backup solutions for the applications and data hosted in the LGC 2.0 due to ever-evolving and increasing cyber-attacks, breaches, data loss of government organizations.
2. The Chairman, Department Procurement Committee (DPC), on behalf of ICTA, now invites sealed Bids from eligible and qualified Bidders for Procurement of supply delivery, installation and configuration of automated backup solution for Lanka Government Cloud (LGC 2.0).
3. 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 Lanka Rupees Eight Hundred Thousand (LKR 800,000.00).
4. The Bidders should meet the following minimum qualification criteria in order to take part in the bidding process:

(a) Financial Capability

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

- Minimum average annual turnover of LKR 110 million calculated as total certified payments received for contracts in progress or completed, within the last three (3) years;
- Audited statements of accounts of the company for the past three (03) years shall be submitted along with the bid.

(b) Commercial, Experience and Technical Capability

The Bidder shall furnish documentary evidence to demonstrate that it meets the following requirements;

- Bidder shall be a legally registered company in Sri Lanka and has been in operation for the last five (05) years.

- The bidder must be an accredited agent or authorized representative of the manufacturer to submit bids on behalf of the manufacturer.
 - Participation as a supplier in at least One (1) project relating similar implementation larger than or equivalent 50 TB capacity of backup solution have been successfully completed within the last Three (3) years.
5. Bidding will be conducted using the **National Competitive Bidding (NCB) procedure that shall be governed by the procurement guidelines of the Government of Sri Lanka** and is open to all eligible bidders that meet the eligibility and qualification requirements given in the bidding documents.
 6. Interested bidders may **inspect the bidding documents** free of charge during office hours on working days commencing from **November 17, 2021** at Procurement division of ICTA, No. 490, 6th Floor, R.A. De Mel Mawatha, Colombo 03 Telephone: 2369099, email: procurement@icta.lk. Bidding documents are also available on ICTA Website (<https://www.icta.lk/procurement/>) only for inspection purposes.
 7. 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 Sixteen Thousand (LKR 16,000.00) effective from **November 17, 2021** during office hours on working days from the office address indicated in para (6) or making online payment directly to ICTA bank account and details can be obtained by sending a request through procurement@icta.lk.
 8. Bids must be delivered to the address indicated in para (6) at or before **3.00 P.M, December 08, 2021**. Late bids will be rejected. Bids will be opened immediately after the deadline of bid submission in the presence of the bidders' representatives, who choose to attend. All Bids must be accompanied by a Bid Security in the form of a Bank Guarantee using the format given in the Bidding Document in the amounts indicated in para (3).
 9. A pre-bid meeting which potential Bidders may attend will be conducted On-Line via. Zoom-<https://us02web.zoom.us/j/82591390446?pwd=VGRNQ1YxNVdJYXlIQ2pxMHNBdFNBZz09> at **10.00 A.M on November 25, 2021**.

Chairman
 Department Procurement Committee
 Information and Communication Technology Agency of Sri Lanka (ICTA),
No. 490, 6th Floor, R.A. De Mel Mawatha, Colombo 03

November 17, 2021

Section I. Instructions to Bidders (ITB)

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:

The term “in writing” means communicated in written form by mail (other than electronic mail) or hand delivered with proof of receipt;

If the context so requires, “singular” means “plural” and vice versa; and

“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:
 - Parties associated with Procurement Actions, namely, suppliers/contractors and officials shall ensure that they maintain strict confidentiality throughout the process;
 - Officials shall refrain from receiving any personal gain from any Procurement Action. No gifts or inducement shall be accepted. Suppliers/contractors are liable to be disqualified from the bidding process if found offering any gift or inducement which may have an effect of influencing a decision or impairing the objectivity of an official.
 - 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 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.*

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.

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 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.

Contents of Bidding Documents

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| 6 Sections of Bidding Documents | <p>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.</p> <p>Invitation for Bid</p> <p>Section I – Instructions to Bidders (ITB)</p> <p>Section II – Bidding Data Sheet (BDS)</p> <p>Section III – Evaluation and Qualification Criteria</p> <p>Section IV - Bidding Forms</p> <p>Section V – Schedule of Requirements</p> <p>Section VI – Conditions of Contract</p> <p>Section VII – Contract Data</p> <p>Section VIII – Contract Forms</p> |
| 7 Clarification of Bidding Documents | <p>6.2 The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information or documentation required by the Bidding Documents may result in the rejection of the bid.</p> <p>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.</p> |
| 8 Amendment of Bidding Documents | <p>8.1 At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum.</p> <p>8.2 Any addendum issued shall be part of the Bidding Documents and shall be communicated in writing to all who have purchased the Bidding Documents.</p> <p>8.3 To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, the Purchaser may,</p> |

at its discretion, extend the deadline for the submission of bids, pursuant to ITB Sub-Clause 23.2

Preparation of Bids

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| 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 | <p>The Bid shall comprise the following:</p> <ul style="list-style-type: none">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; ande) 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 Lanka Rupees.

16 Documents Establishing the Eligibility of the Bidder 16.1 To establish their eligibility in accordance with ITB Clause 4, Bidders shall complete the Bid Submission Form, included in Section IV, Bidding Forms.

17 Documents Establishing the Conformity of the Goods and Related Services 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:
 - sign the Contract in accordance with ITB Clause 42;*
 - 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 initialled by the person signing the Bid.

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.

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
- d) bear a warning not to open before the time and date for bid 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.

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 have been provided in the Bid. If any of these documents or information is missing, the Bid shall be rejected.

Bid Submission Form, in accordance with ITB Sub-Clause 12.1;

Price Schedules, in accordance with ITB Sub-Clause 12;

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 of a domestic 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.
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	43.2	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.
	43.3	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	The Purchaser is: Information and Communication Technology Agency of Sri Lanka
	The name and identification number of the Contract are: Procurement of supply delivery, installation and configuration of automated backup solution for Lanka Government Cloud (LGC 2.0) Contract Number: IFB No: ICTA/GOSL/GOODS/2021/05 Partial bids shall be liable to be treated as “non-Responsive” and rejected.
ITB 2.1	The source of funding is: Government of Sri Lanka (GoSL)
ITB 4.4	Foreign bidders are not eligible
	B. Contents of Bidding Documents
ITB 7.1	For <u>Clarification of bid purposes</u> only, the Purchaser’s address is: Attention: Head of Procurement Address: Information and Communication Technology Agency of Sri Lanka, No. 490, 6th Floor, R.A. De Mel Mawatha, Colombo 03 Telephone: 2369099 -100 e-mail: procurement@icta.lk
	A Pre-bid meeting will be held: Yes A pre-bid meeting which potential Bidders may attend will be conducted On-Line via. Zoom - https://us02web.zoom.us/j/82591390446?pwd=VGRNQ1YxNVdJYXIIQ2pxMHNBdFNBZz09 at 10.00 A.M on November 25, 2021. Clarifications may be requested no later than 07 days before the deadline for submission of bids.
	C. Preparation of Bids
ITB 10.1	Bid, as well as all correspondence and documents relating to the bi should be in English language
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 14.3	The Bidders may quote following minimum quantities: Bidder is requested to quote 100% of the items.
ITB 15.1	Bidder shall quote in Sri Lankan Rupees only; payment also shall be paid in Sri Lankan Rupees.
ITB 18.1 (a)	Manufacturer's Authorization is required for following Items: Item 01: Target backup solution
ITB 19.1	The bid validity period shall be Ninety-one days (91) days from the date of bid closure; accordingly, the bid shall be valid until March 09, 2022 .
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	Bid Security shall submit the Original only through the Banks registered with Central Bank of Sri Lanka. The amount of the Bid Security (Bank Guarantee) shall be as follows; Sri Lanka Rupees Eight Hundred Thousand (LKR 800,000.00) Bid Security shall be issued in favor of; Information and Communication Technology Agency of Sri Lanka, 490, 6th Floor, R.A. De Mel Mawatha, Colombo 03, Sri Lanka.
ITB 20.2 (f)	Bid Security shall be valid for a period of 14 days beyond the original validity period of bids (up to, March 23, 2022).
ITB 21.2	Bid documents should be signed by a person duly authorized to sign on behalf of the bidder.
	D. Submission and Opening of Bids
ITB 22.1	i. Bidder Shall submit the Original and One copy of the Bid ii. an electronic version of Original Bid document in a DVD shall be included in the original bid envelop
ITB 22.2 (c)	The inner and outer envelopes shall bear the following identification marks: Title of the Procurement: Procurement of supply delivery, installation and configuration of automated backup solution for Lanka Government Cloud (LGC 2.0) Contract Number: IFB No: ICTA/GOSL/GOODS/NCB/2021/05

ITB 23.1	<p>For bid submission purposes, the Purchaser's address is: Attention: Chairman Address: Information and Communication Technology Agency Lanka, 490, 6th Floor, R.A.De Mel Mawatha, Colombo 03.</p> <p>The deadline for the submission of bids is: Date: December 08, 2021 Time: 3.00 P.M</p>
ITB 26.1	<p>The bid opening shall take place at: Address: Auditorium, Information and Communication Technology Agency, 490, 6thFloor, R.A.De Mel Mawatha, Colombo 03.</p> <p>Date: December 08, 2021 Time: Immediately after deadline for bid submission</p>
	E. Evaluation and Comparison of Bids
ITB 34.1	Domestic preference will be a bid evaluation factor as per the Public Finance Circular No 03/2020 – Policy on Supporting Domestic Industries.
ITB 35.3.d	<p>There will be no price adjustments; the selection is based on the lowest evaluated bid price.</p> <p>Domestic preference will be applied as per the Public Finance Circular No 03/2020</p>
ITB 40.1	Purchaser's 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.

Section III.

Evaluation and Qualification Criteria

Contents

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

1. Evaluation Criteria -ITB 35.3 (d)

The Purchaser's evaluation of a bid will be based on Evaluated Bid Price.

Domestic preference will be a bid evaluation factor as per the Public Finance Circular No 03/2020 – Policy on Supporting Domestic Industries.

2. Post – Qualification Requirements (ITB 37.2)

After determining the lowest-evaluated bid in accordance with ITB Sub-Clause 36.1, the Purchaser shall carry out the post qualification of the Bidder in accordance with ITB Clause 37, using the following requirements.

(a) Financial Capability

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

- Minimum average annual turnover of LKR 110 million calculated as total certified payments received for contracts in progress or completed, within the last three (3) years;
- Audited statements of accounts of the company for the past three (03) years shall be submitted with the bid.

(b) Commercial, Experience and Technical Capability

The Bidder shall furnish documentary evidence to demonstrate that it meets the following requirements;

- Bidder shall be a legally registered company in Sri Lanka and has been in operation for the last five (05) years.
- The bidder must be an accredited agent or authorized representative of the manufacturer to submit bids on behalf of the manufacturer.
- Participation as a supplier in at least One (1) project relating similar implementation larger than or equivalent 50 TB capacity of backup solution have been successfully completed within the last Three (3) years.

Section IV. Bidding Forms

Table of Forms

- 1. Bid Submission Form**
- 2. Price Schedule**
- 3. Bid Guarantee**
- 4. Manufacturer's Authorization**

1. 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: **Chairman,
Information and Communication Technology Agency of Sri Lanka
490, 6th Floor, R.A.De Mel Mawatha,
Colombo 03.
Sri Lanka.**

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;

Procurement of Enhance Security Layer – Security Operations Center (SOC) for Lanka Government Cloud (LGC 2.0)

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

Name of the Procurement	Bid Price / LKR (Without VAT)	Bid Price / LKR (With VAT)
Procurement of supply delivery, installation and configuration of automated backup solution for Lanka Government Cloud (LGC 2.0) ICTA/GOSL/GOODS/NCB/2021/05		

(d) Our bid shall be valid for the period of time specified in ITB Sub-Clause 19.1, from the date fixed for the bid submission deadline in accordance with ITB Sub-Clause 23.1, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

(e) 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;

(f) We have no conflict of interest in accordance with ITB Sub-Clause 4.3;

(g) 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;

(k) 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.

- (l) 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]*

2. Price Schedule

2.1 Procurement of supply delivery, installation and configuration of automated backup solution for Lanka Government Cloud (LGC 2.0)

Contract Number: IFB No: ICTA/GOSL/GOODS/NCB/2021/05

Item No	Description of Goods or related services	Qty. and unit	Unit price for Excluding VAT LKR	Total Price Excluding VAT LKR	VAT LKR	Total Price Including VAT LKR
(1)	(2)	(3)	(4)	(5) = (3) x (4)	(6)	(7) = (5) +(6)
1	Backup Solution (Implementation / Configurations)	1				
2	Target Backup Storage Solution	1				
3	Support and Maintenance	1 Year				
4	Training	5 Participants				
Total						

Note: Bidders are required to bid for the total quantity of each item. Partial bids shall be liable to be treated as “non-Responsive” and rejected.

.....
Signature and the Company Seal

3. 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: Information and Communication Technology Agency of Sri Lanka
490, 6th Floor, R.A. De Mel Mawatha,
Colombo 03. Sri Lanka.**

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)]

4. Manufacturer's Authorization

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

Date: *[insert date (as day, month and year) of Bid Submission]*
No.: *[insert number of bidding process]*

To: *[insert complete name of Purchaser]*

WHEREAS

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

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

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

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

Title: *[insert title]*

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

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

Section V. Schedule of Requirements

- 1. Introduction**
- 2. Scope of Services and List of Related Services**
- 3. Technical Specifications**
- 4. UAT**

Supply delivery and installation of automated backup solution for Lanka Government Cloud (LGC 2.0)

1.0 Introduction

Lanka Government Cloud 2.0 (LGC 2.0) is ICTA built and operated national infrastructure which facilitates software application hosting services for the Government Institutions of Sri Lanka. Having operationalized LGC 2.0 in August 2018, ICTA is responsible to carry out enhancement, routine maintenance activities, relevant upgrades and expansion regularly.

As per the circular issued on 13-Jan-2020 by the presidential secretariat, it has mentioned LGC 2.0 is the main hosting facilitator for all government organizations. Accordingly, the demand for LGC 2.0 hosting services has been increasing rapidly over the last year.

ICTA has identified the importance of having automated backup solutions for the applications and data hosted in the LGC 2.0 due to ever-evolving and increasing cyber-attacks, breaches, data loss of government organizations.

1.1 Scope of Services

ICTA planned to implement an automatic backup solution for the LGC 2.0. An automated backup process saves time, resources, and cost significantly when compared to the manual backup process. The solution will be implemented with the latest backup technologies which are having features such as compression, encryption, deduplication, etc. Finally, it will be enabled a secure, efficient & reliable backup & restoration process for LGC 2.0.

Current LGC 2 Site1 Architecture (High -Level)

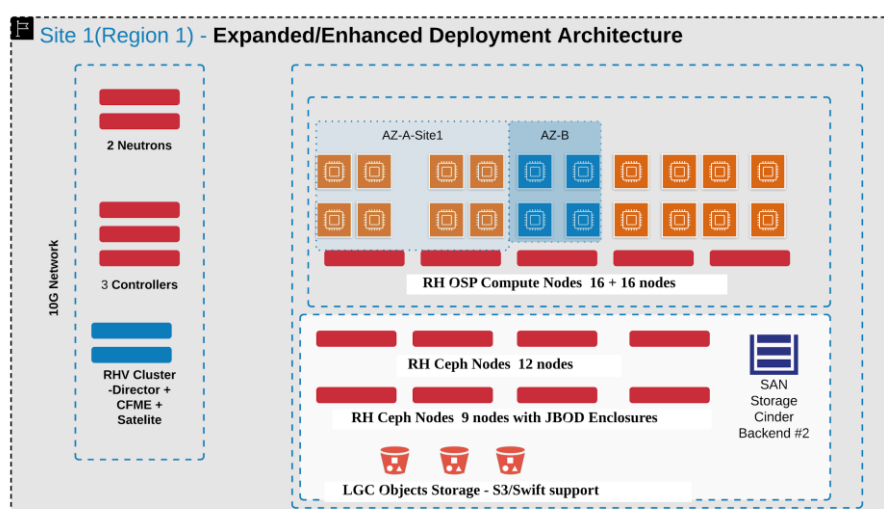


Figure 1: Current LGC 2 Site1 Architecture

1.2 Scope of Works

1. The proposed solution shall disruptively integrate with existing LGC2 Site1 Redhat Openstack infrastructure
2. The bidder has to provide the documentation for the project including but not limited to references regarding scope, functional and operational requirements, resource requirements, project design/plan, product description, guidance for best practices, implementation guidelines, user acceptance test plan, operation manual, security implementation, training materials, etc.
3. Service Provider should collaboratively work with other service providers which engaging with LGC
4. Propose a Backup/Business Continuity/Disaster Recovery solution including bill of materials (including licensing model).
5. Provide training (On-site or Web-based are acceptable) session(s) for ICTA nominated team
6. Provide 24 x 7 Incident Management support.
7. Complete adherence to the service levels as mentioned in the RFP.
8. Provide a maintenance, support and warranty agreement.
9. The Bidder shall be responsible for the complete end to end implementation of the solution including hardware, software etc.
10. The backup must be done using the latest backup technologies having features such as Compression, Encryption, Deduplication etc. to enable a secure, efficient & reliable backup & restoration process.
11. The bidder shall be responsible for re-installation, relocation, configuration/Re-configuration/tuning of hardware/software for operational and failover testing of backup solution.
12. The bidder shall be responsible for generation and submission of necessary documents required during various phases of project. planning, installation, commissioning, rollout, acceptance testing, project diagrams and other reports etc. All such documents shall commence only after the same is approved by ICTA
13. The bidder should provide detailed architecture of the provided solution along Installation and Administration guide which must include High level Design (HLD) and Low Level Design (LLD).
14. The bidder should provide a detailed plan on the support for the Backup solution to maintain the uptime of 99.5% availability of complete backup solution. The same is to be calculated on quarterly basis.
15. The Bidder shall be responsible for all patches/updates required in the offered solution for smooth installation of Backup solution without any extra cost to the ICTA.

16. he proposed Backup solution should have an integrated real time monitoring tool/portal to make a real time assessment of Uptime of the solution proposed. The integrated portal/tool facility of the proposed solution should be able to generate & send real-time reports to assigned email ids to proactively monitor the overall health of the solution.

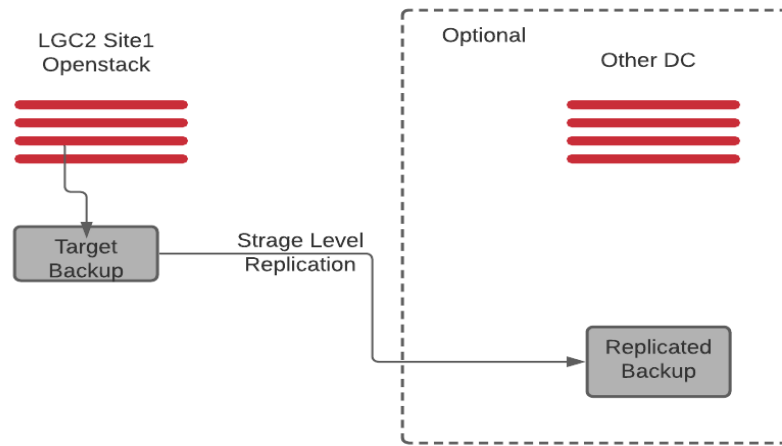


Figure 2: Proposed Schematic Diagram

2.0 List of Related Services

Item No	Description of Services	Delivery and Installation	Final (Project Site) Destination as specified in BDS	Related Services
1	Backup Solution (Delivery of Hardware and Licenses subscription)	Commencement Date + 8 Week	Lanka Government Cloud 2.0	Supply, Delivery, Installation, Commissioning and Maintenance
	Target Backup Storage Solution			
2	Completed environment with installations, Configurations, and testing	Commencement Date + 10 Week		
3	UAT and commissioning, Final documentations and Training (5 Participants)	Commencement + 12 Week		

3. Technical Specifications (Capability compliance sheet)

Bidders are required to state their compliance to specifications/requirements against each and every criterion of the specification sheets. Incomplete / non-compliant specification sheets will strongly lead to disqualification of the bidder without getting any clarifications.

Item 1: Automated Backup as a service for Lanka Government Cloud

Item No.	Minimum Specification	Compliance to the specification (Yes / No) If “No” bidder’s response	Technical reference (Please specify the page number)
1	Solution shall utilize the Openstack APIs to gather and safely backup all information from the 5 core projects Nova, Cinder, Glance, Neutron and Keystone. ex- Trilio vault or commvault or equivalent.		
2	Proposed solution shall be enterprise-grade Data Center Backup & Recovery Solutions		
3	Solution shall be designed for Self-Service and integrate into the Redhat Openstack UI, CLI redhat cloudform and follow the same pattern in the API. All with Self-Service in mind.		
4	Solution shall not install any agent on vms and instead it should use native API.		
5	Shall follows a service driven scale-out architecture. should be scale by adding service/tool to the compute nodes and giving each take care of the VMs on its compute node.		
6	Solution shall provide true Multi-Tenancy by giving each backup and backup-job a dedicated owner. Not even administrators can work backup they don't own them.		
7	Adding solution to openstack shall be non-disruptive.		
8	Solution shall architected for efficient use of IT Ops and DevOps with cloud-native compatibility.		
9	Solution shall be able to schedule automated incremental backups on a pre-defined or on-demand basis.		
10	Solution shall be capable of selectively restoring virtual machines to target network, availability zones, regions and clouds.		
11	Proposed platform shall provide instant Recovery, fast & easy restoration		
12	Solution shall Recover whole environment or individual VMs to a point-in-time.		
13	Shall provide Chargeback for tenant usage & consumption.		
14	Solution shall captures and stores following, but not limited to <ul style="list-style-type: none"> Security groups, which include firewall rules for each instance; network configurations including subnets and netmasks; and availability zones from the OpenStack Neutron networking service. 		

Item No.	Minimum Specification	Compliance to the specification (Yes / No) If “No” bidder’s response	Technical reference (Please specify the page number)
	<ul style="list-style-type: none"> ● VM flavors and VM metadata from the OpenStack Nova compute service. ● Volume configuration and volume types from the OpenStack Cinder block storage service. ● VM images from the OpenStack Glance image service. 		
15	<p>The backup solution must be able to backup servers with the following “operating systems” list:</p> <ul style="list-style-type: none"> ● Oracle Enterprise Linux ● Red Hat Enterprise Linux 7,8 (64-bit) ● Microsoft Windows Server 2012 R2 (64-bit) ● Microsoft Windows Server 2016 (64-bit) ● Microsoft Windows Server 2019 R2 ● Ubuntu/Debian linux ● etc 		
16	Backup/Restore solution shall support: Full back up (baseline backup), Incremental backup forever , synthetic backup and restores.		
17	<p>Backup offload/Target storage solution/appliances shall be proposed by Bidder. Backup target device should have deduplication.</p> <ul style="list-style-type: none"> ● Object Storage or equivalent. ● Minimize management with simplified expansion. 		
18	Openstack multi tenancy visibility to Backup control dashboard where admin can control backups of specific tenants		
19	Should be able to create multiple backup user accounts delegating specific OpenStack tenant backup permissions		
20	Network requirements: Bidder should propose along with the solution, Implementation should be non/minimum-disruptive		
21	Target backup solution shall be in HA or redundancy mode.		
22	Target backup shall be highly efficient for network-based replication to another DC(Offsite).		
23	<p>Backup Performance: Shall be able to set low RPOs for production environments without complicated infrastructure</p>		
24	Shall be able to create multiple recovery points per day with minimal production impact		
25	<p>Restore Performance: Shall be able full recovery from critical events (ransomware, data center loss, etc.) in a few hours</p>		
26	Shall be to recover the most critical workloads in < 1 hour		
27	<p>Note: Target backup device/solution Minimum capacity shall be 250TB (Effective) and can be scale when in future need.</p>		

Item No.	Minimum Specification	Compliance to the specification (Yes / No) If “No” bidder’s response	Technical reference (Please specify the page number)
	LGC2 Site 1 Compute nodes - 32 shall be covered from this solution.		
28	The proposed system must allow the ability to provide additional capacity as ICTA requirement scale		

Backup Design

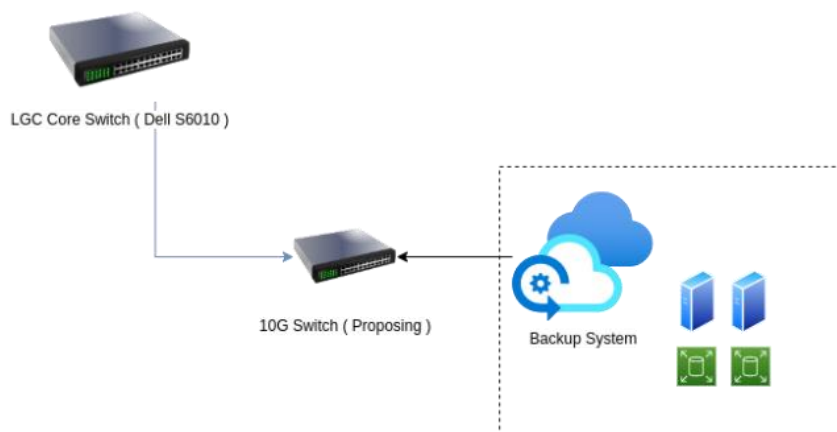


Figure 3: Backup Design

3. User acceptance testing (UAT)

Bidder shall provide a testing and commissioning plan in clearly indicating all the parameters to be tested against the expected outcomes for the total solution with the acceptance of the ICTA team.

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** 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:
- a) *“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;*
 - 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, noncompetitive levels; and*
 - d) *“Coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the procurement process or affect the execution of a contract.*
- 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 The Contract as well as all correspondence and documents relating to the Contract exchanged by the Supplier and the Purchaser, shall be written in English language. Supporting documents and printed literature that are part of the Contract may be in another language 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.
	5.2	The Supplier shall bear all costs of translation to the governing language and all risks of the accuracy of such translation, for documents provided by the Supplier.
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	<p>A dispute which cannot be resolved amicably shall be settled in the following manner, if the Service Provider is local: -</p> <p>Any party may declare a ‘Dispute’ by notifying the other party of such matter setting forth the specifics of the matter in controversy or the claim being made. Within 10 days of receipt of such notice, a senior representative of each party not involved with the day-to-day operation shall confer and attempt to resolve the Dispute.</p> <p>In the event the parties are unable to resolve the Dispute within 10 days, either party may submit the Dispute for Commercial Mediation to an expert mediator nominated by the Ceylon Chamber of Commerce in terms of the Commercial Mediation Centre of Sri Lanka, Act No. 44 of 2000. In the event the parties are unable to resolve the Dispute through mediation or if a certificate of non-settlement is entered in terms of Section</p>

3 F of the said Act, either party may refer the dispute to a court of competent jurisdiction.

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.

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 specification's 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:

the installation of the Goods by the Supplier or the use of the Goods in the country where the Site is located; and

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 to conduct the same on its own behalf.
- 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 wilful 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:

drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;

the method of shipment or packing;

the place of delivery; and

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

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:

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;

if the Supplier fails to perform any other obligation under the Contract; or

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.

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.

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.

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.

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:

to have any portion completed and delivered at the Contract terms and prices; and/or

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

- a. 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: Information and Communication Technology Agency of Sri Lanka
CC 1.1 (i)	Related Service; Supply, Installation, Commissioning, testing, Support and Maintenance for 1 year
CC 1.1 (l)	The Project Site(s)/Final Destination(s) are: Lanka Government Cloud 2.0 site in Colombo
CC 8.1	For <u>notices</u> , the Purchaser's address shall be: Attention: Director Procurement Address: Information and Communication Technology Agency of Sri Lanka, 490, 6th Floor, R.A.De Mel Mawatha, Colombo 03. Sri Lanka. Telephone: 2369099,2369100 Facsimile number: 2369091 Electronic mail address: <u>notices</u> , the Supplier's address shall be:
CC 10.2	A dispute which cannot be resolved amicably shall be settled in the following manner, if the Service Provider is local: Any party may declare a 'Dispute' by notifying the other party of such matter setting forth the specifics of the matter in controversy or the claim being made. Within 10 days of receipt of such notice, a senior representative of each party not involved with the day-to-day operation shall confer and attempt to resolve the Dispute. In the event the parties are unable to resolve the Dispute within 10 days, either party may submit the Dispute for Commercial Mediation to an expert mediator nominated by the Ceylon Chamber of Commerce in terms of the Commercial Mediation Centre of Sri Lanka, Act No. 44 of 2000. In the event the parties are unable to resolve the Dispute through mediation or if a certificate of non-settlement is entered in terms of Section 3 F of the said Act, either party may refer the dispute to a court of competent jurisdiction.

CC 15.1	<p>The method and conditions of payment to be made to the Supplier under this Contract shall be as follows: Payment shall be made in Sri Lanka Rupees within sixty (60) 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> <table><tr><th>Deliverable</th><th>Due Date</th><th>Payment Options</th></tr><tr><td>Automated Backup Solution for Lanka Government Cloud (LGC 2.0)</td><td rowspan="2">Within 12 Weeks from the date of Awarding the Contract</td><td rowspan="2">100% of the total contract price, upon successful completion of automated backup solution and any other supporting documents Note: Licencing Year commencing from the date of successfully completion of UAT</td></tr><tr><td>Upon completion of User Acceptance Testing (UAT) report along with supporting documents</td></tr></table>	Deliverable	Due Date	Payment Options	Automated Backup Solution for Lanka Government Cloud (LGC 2.0)	Within 12 Weeks from the date of Awarding the Contract	100% of the total contract price, upon successful completion of automated backup solution and any other supporting documents Note: Licencing Year commencing from the date of successfully completion of UAT	Upon completion of User Acceptance Testing (UAT) report along with supporting documents
Deliverable	Due Date	Payment Options						
Automated Backup Solution for Lanka Government Cloud (LGC 2.0)	Within 12 Weeks from the date of Awarding the Contract	100% of the total contract price, upon successful completion of automated backup solution and any other supporting documents Note: Licencing Year commencing from the date of successfully completion of UAT						
Upon completion of User Acceptance Testing (UAT) report along with supporting documents								
CC 17.1	The supplier shall provide a Performance Security. This shall be an amount equal to ten (10) percent of the contract price (excluding VAT). Performance Security shall be submitted within 14 days of the notification of the contract award from the purchaser and it shall be valid up to 28 days following the date of Compilation of the Supplier’s performance obligations under the contract, including any warranty obligations. <i>(i.e fourteen days + Three Years +28 Days from the Date of signing of the UAT)</i>							
CC 17.3	Format of the Performance Security is given in the Section VIII							
CC 25.1	All items and specifications provided in the Section -V of the bidding document.							
CC 25.2	The Inspections and tests shall be conducted at: Indicated in the Section V. of the bidding document							
CC 26.1	The liquidated damage shall be 1% Of the contract price per week or part of week thereof. The maximum number of liquidated damages shall be ten percent (10 %) of the total contract price.							
CC 27.3	Comprehensive warranty period shall be effective from 1 Year from the date of UAT acceptance: Item 01: Target backup solution							
CC 27.5	One year after the Warranty Period							
CC 27.6	<p>Indicated in the SLA below; Onsite comprehensive Warranty period shall be: 01 Year</p> <p>Service Level Agreement (SLA)</p> <p>This Service Level Agreement (SLA) is a vital component of the contract agreement between the automated backup solution supplier and the Information and Communication Technology Agency of Sri Lanka (ICTA). The general purpose of this SLA is to outline the service level standards and expectancy by which the service provider ensures the operation of service continuation.</p> <p>Supplier shall sign the Service Level Agreement for System Maintenance and Support for 01 year.</p>							

- A. 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 Software during the warranty period.
- B. The Supplier MUST provide maintenance and support services 24 hours per day/ 7 days per week.
- C. The supplier shall adhere to the Incident classification and resolution times given below;
 - Severity Level: **Critical**
 - Description: Entire backup system(s) down; no workaround exists. Business stopped.
 - Impact: All users
 - Resolution Time: 01 hour
 - Severity Level: **High**
 - Description: Major backup functions(s) down; workaround exists. Business interrupted.
 - Impact: More than one user
 - Resolution Time: 04 hours
 - Severity Level: **Medium**
 - Description: Tenant level backup function issues; workaround exists. End-user workflow interrupted.
 - Impact: Single user
 - Resolution Time: 08 hours
 - Severity Level: **Low**
 - Description: Client network issues, End-user level issues.
 - Impact: Single user
 - Resolution Time: 12 hours
- D. For each new component installed to the total system, the supplier is required to train the nominated personnel by the purchaser to enable them to effectively operate the total system.

Penalties

Severity Level	Penalties
Critical	0.4% total contracted value of every hour
High	0.3% total contracted value of every hour
Medium	0.2% total contracted value of every hour
Low	0.1% total contracted value of every hour

Section VIII. Contract Forms

Table of Forms

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: Information and Communication Technology Agency of Sri Lanka
490, 6th Floor, R.A.De Mel Mawatha,
Colombo 03. Sri Lanka.**

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)]