

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Procurement of GOODS

Government of the Republic of the Philippines

Procurement for the Upgrade Core
Infrastructure and Regional Micro Data Center
for Business Continuity and Disaster Recovery
Phase 2

Project Identification Number:
DOT-BAC IB NO. 2025-001

**Sixth Edition
July 2020**

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Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – Bangko Sentral ng Pilipinas.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

CDA - Cooperative Development Authority.

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

DDP – Refers to the quoted price of the Goods, which means “delivered duty paid.”

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – “Free Carrier” shipping point.

FOB – “Free on Board” shipping point.

Foreign-funded Procurement or Foreign-Assisted Project– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

Framework Agreement – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as “Call-Offs,” are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

GFI – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

GPPB – Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national

buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

Supplier – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

UN – United Nations.

Section I. Invitation to Bid



INVITATION TO BID

Procurement for the Upgrade Core Infrastructure and Regional Micro Data Center for Business Continuity and Disaster Recovery Phase 2 DOT-BAC IB NO. 2025-001

1. The *Department of Tourism (DOT)*, through the *General Appropriation Act 2024* intends to apply the sum of *One Hundred Twenty-Two Million Six Hundred Ninety-Three Thousand Seven Hundred Sixty-Nine Pesos (Php 122,693,769.00) inclusive of applicable taxes*, being the ABC to payments under the contract for *Procurement for the Upgrade Core Infrastructure and Regional Micro Data Center for Business Continuity and Disaster Recovery Phase 2 (DOT-BAC IB NO. 2025-001)*. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The *DOT* now invites bids for the above Procurement Project. Delivery of the Goods is required forty-five (45) calendar days upon the issuance of the Notice to Proceed (NTP) with a duration of one (1) year. Bidders should have completed, within *five (5) years* from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

4. Prospective Bidders may obtain further information from the Bids and Awards Committee (BAC) Secretariat through the contact details given below and inspect the Bidding Documents as posted on the websites of the DOT and the Philippine Government Electronic Procurement System (PhilGEPS).
5. A complete set of Bidding Documents may be acquired by interested Bidders from *14 March 2025 until 02 April 2025 (8:00 a.m. to 5:00 p.m.)* and *03 April 2025 (until 9:00 a.m.)* from the given address and website(s) below *and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of Fifty Thousand Philippine Pesos (PhP50,000.00) OR deposited to:*

Account Name	Department of Tourism-Regular Trust
Account Number	00-0-05002-407-4
Beneficiary's Bank	Development Bank of the Philippines (DBP)
Bank Branch	F. Zobel Branch

Address	809 J.P Rizal corner F. Zobel St., Makati City, Philippines
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(Note: Pls. send copy of the Transaction report or any proof of payment at the email address yccervantes@tourism.gov.ph)

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of DOT, provided that **bidders shall pay the non-refundable fee for the Bidding Documents not later than the submission of their bids.**

6. The **DOT** will hold a Pre-Bid Conference on **21 March 2025 at 10:00 a.m.** at the **4th Floor, Conference Room, DOT Bldg., No. 351 Sen. Gil Puyat Avenue, Makati City**, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission **on or before 03 April 2025 at 9:00 a.m. only** at the office address indicated below. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on **03 April 2025 at 10:00 a.m.** at the **4th Floor, Conference Room, DOT Bldg., No. 351 Sen. Gil Puyat Avenue, Makati City**.
10. All documents shall be current and updated and any missing document in the checklist is a ground for outright rejection of the bid. Bidder shall submit **one (1) original** and **five (5) photocopies** of the first and second components of its bid in sealed envelope.

To facilitate the evaluation of the bids, bidders are advised to follow the arrangement in the checklist when placed in an Envelope, with documents bounded, tabbed and labeled accordingly.

11. The **DOT** reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:
Mr. GODOFREDO R. MALDONADO, JR.
Head, DOT-BAC Secretariat
Procurement Management Division
4th Floor, DOT Bldg. 351 Sen. Gil Puyat Ave., Makati City
Telephone Nos. 8459-5200 to 30 Loc. 425
Email Address: dot.bac@tourism.gov.ph
Website Address: www.tourism.gov.ph

13. You may visit the following websites:

For downloading of Bidding Documents: ***www.tourism.gov.ph /www.philgeps.gov.ph***

USEC. FERDINAND C. JUMAPAO
DOT-BAC Chairperson

14 March 2025



The DOT Building, 351 Sen. Gil Puyat Ave., 1200 Makati City, Philippines
Tel. Nos. (632) 8459-5200 to 8459-5230 • www.tourism.gov.ph

Section II. Instructions to Bidders

1. Scope of Bid

- I. The Procuring Entity, *Department of Tourism*, wishes to receive Bids for *Procurement for the Upgrade Core Infrastructure and Regional Micro Data Center for Business Continuity and Disaster Recovery Phase 2* with Project Identification Number *DOT-BAC IB NO. 2025-001*.

The Procurement Project (referred to herein as “Project”) is composed of *one (1) lot*, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for FY 2024 in the amount of *One Hundred Twenty-Two Million Six Hundred Ninety-Three Thousand Seven Hundred Sixty-Nine Pesos (Php 122,693,769.00)*. The period for the performance of the obligations under the Contract shall not go beyond the validity of the appropriation for the Project.

- 2.2. The source of funding is the FY 2024 General Appropriations Act.

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to at least fifty percent (50%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

7. Subcontracts

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that subcontracting is not allowed.

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on **21 March 2025 at 10:00 a.m.** at the **4th Floor, Conference Room, DOT Bldg., No. 351 Sen. Gil Puyat Avenue, Makati City**, as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within **five (5) years** prior to the deadline for the submission and receipt of bids.

- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
- a. For Goods offered from within the Procuring Entity's country:
 - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
 - ii. The cost of all customs duties and sales and other taxes already paid or payable;
 - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - iv. The price of other (incidental) services, if any, listed in e.
 - b. For Goods offered from abroad:
 - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price,

the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.

- ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications)**.

13. Bid and Payment Currencies

13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2. Payment of the contract price shall be made in Philippine Pesos.

14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security shall be valid ***one hundred twenty (120) calendar days from the date of opening of bids***. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid as indicated in ***paragraph 10 of the IB***. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present

shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

- 17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

18. Domestic Preference

The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated “*passed*,” using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as one project having several items that shall be awarded as one contract.
- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid

through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the BDS.

21. Signing of the Contract

The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause	
5.3	For this purpose, contracts similar to the Project shall be: <ul style="list-style-type: none"> a. a. project with the same nature as the project to be bid; online meeting platform subscription b. completed within <i>five (5)</i> years prior to the deadline for the submission and receipt of bids.
7.1	<i>Subcontracting is not allowed.</i>
12	<i>Not applicable</i>
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: <ul style="list-style-type: none"> a. The amount of not less than PhP 27,299.34, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than PhP 68,248.36 if bid security is in Surety Bond.
19.3	<i>No further instructions</i>
20	<i>No further instructions</i>
21	<i>No further instructions</i>

Section IV. General Conditions of Contract

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

2. Advance Payment and Terms of Payment

2.1. Advance payment of the contract amount is provided under Annex “D” of the revised 2016 IRR of RA No. 9184.

2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC**, **Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

5. Warranty

- 6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

Section V. Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1	<p>Delivery and Documents –</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is: PAUL BRIAN LAO Project Officer pdlao@tourism.gov.ph</p>
2.2	<p><i>Partial payment is not allowed.</i></p>
4	<p><i>The deliverables shall be subject to the inspection and acceptance of the Project Officer.</i></p>

Section VI. Schedule of Requirements

Section VI. Schedule of Requirements

Item No.	Description	Quantity	Total Amount	Delivered, Weeks/Months
1	Procurement for the Upgrade Core Infrastructure and Regional Micro Data Center for Business Continuity and Disaster Recovery Phase 2			

*More detailed service requirements and technical specifications are found under Section VII. Technical Specifications. *

Conforme:

Name of Bidder's/Representative

Signature

Date

Section VII. Technical Specifications

Technical Specifications

Item	Specification	Statement of Compliance
		<p><i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation]</i></p>

		<p><i>liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p>
	<p>I. Background</p> <p>The Department of Tourism embarked on a transformative journey in 2021, laying the groundwork for a modernized Information and Communication Technology infrastructure under the guidance of the Office of Tourism Development Planning, Research and Information Management – Information Technology Division [OTDPRIM-ITD]. This foundational infrastructure, now fully operational, has demonstrated enhanced efficiency and effectiveness in supporting the department's diverse functions and operations. Recognizing the need for continued growth and adaptation, the Department of Information and Communication Technology approved a comprehensive expansion plan, outlined in the DOT's Information System Strategic Plan FY 2022-2027, ensuring the infrastructure's ability to meet future demands and technological advancements</p> <p>This upgrade core infrastructure aims to enhance the current DOT ICT infrastructure. It has three (3) major components designed to contribute to a more resilient, responsive, and secure ICT environment. The First, the component which the upgrading of the core infrastructure of the DOT will serve as the central data center, is paramount to maintain operational excellence. It will involve modernizing critical hardware and software components, including implementing high-performance servers with enhanced processing capabilities, deploying scalable and resilient storage systems to</p>	

	<p>accommodate growing data volumes, and upgrading database management systems to improve data retrieval and analysis. The second component is the regional data center that will be established to service the Department's regional offices for their data center. The third component is the disaster recovery data center, this is a passive data center that automatically activate if one or more of the data centers shut down. All of these 3 components will be integrated through SDWAN. Furthermore, bolstering cybersecurity measures through advanced threat detection and prevention systems, fortifying firewalls to protect against unauthorized access, and ensuring compliance with software licensing agreements are integral to safeguarding sensitive data and maintaining system integrity. These upgrades are not merely about technological advancement; they represent a strategic investment in the department's ability to adapt to the evolving digital landscape, enhance its operational efficiency, and safeguard its valuable data assets, enabling it to better serve the needs of the tourism</p> <p>II. Objectives</p> <ul style="list-style-type: none"> • Ensure that the Department of Tourism's Central Data Center and Regional Data Centers operate at an optimal level. This includes maintaining uniformity in features, applications, and systems across all data centers to ensure consistency, efficiency, and seamless integration; • Ensure that all tourism information-related data are stored in a secure data center preventing any form of data loss, including data breach, ransomware, etc; • Ensure that the DOT central data center and regional data center maintain their operations in a secure connection, improving security, efficiency, and accessibility; • Ensure that the DOT central data center has an active mirror site operational at the same time and serves as the DOT disaster recovery data center; and • Capacitate the IT infrastructure team with proper knowledge on how to configure, install, deploy, and maintain the DOT newly installed infrastructure. • DOT data center will host the following system: <ul style="list-style-type: none"> - HRIS, PFIS, Online Accreditation, Website (Corporate, Marketing and 7641 website), Online Information Management Portal, GIS , LMS and DMS 	
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	<p>III. Scope of Work and Deliverables</p> <p>A. List of ICT equipment with technical specifications, deliverables, and compliance:</p> <ol style="list-style-type: none"> 1. Deliver, install, and configure ten (10) units of application server for Central Data Center and Remote Regional Data Center, two (2) units object file storage server for Central Data Center and Remote Regional Data Center, two (2) units storage area network for Central Data Center and Remote Regional Data Center, four (4) units management switch for Central Data Center and Remote Regional Data Center, four (4) units of block storage switch for Central Data Center and Remote Regional Data Center, two (2) units core switch for Central Data Center and Remote Regional Data Center, four (4) units firewall for Central Data Center and Remote Regional Data Center, and its corresponding software such as, but not limited to operating system, database, and the appropriate cables, wiring, and railings. In addition, all other cables, wiring, and railings that come with a box should be included to ensure that the servers are ready for installation; 2. Delivery must be free of charge at any point in the Philippines, within and outside Metro Manila. The inspection and acceptance of all software/hardware will be ON-SITE wherein the DOT and the winning bidder must be both present to ensure that all software/hardware equipment are functioning and operational; <p>The DOT and winning bidder must likewise be present during the installation of the application system on the server;</p> <ol style="list-style-type: none"> 3. All procured software to be installed on all DOT units must be in a properly sealed box with a copy of the license agreement and serial number. These items must be turned over to the DOT to keep the software registered and updated; 4. The capabilities and features of all ICT equipment both hardware and software, to be procured, must be 100% compatible with the current and existing DOT-installed infrastructure; 5. No alternative solution/s can be allowed and accepted for non-conformity to current and existing 	
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	<p>capability and features of the DOT-installed infrastructure;</p> <ol style="list-style-type: none"> 6. The supplier must be amenable to any possible changes of license/application required for the operation of current and existing DOT application system; 7. The supplier must provide an up-to-date server compatible with the latest security protection incorporating all its installed service packages; 8. Provide a five (5)-year free of charge maintenance for the servers and software upon complete installation; 9. Provide a five (5)-year warranty for spare parts and labor upon complete installation. Spare parts must be readily and immediately available for replacement of defective part/s within three (3) days; 10. Provide immediate response within four (4) hours upon receipt of the DOT call/inquiries, and an on-site visit the next business day when necessary. Warranty provisions of Special Condition Contract (SCC); 11. The IT supplier making, providing, and submitting false information during the procurement process will be immediately disqualified from the bidding. This is for the Department and Committee protection from dishonest suppliers purposely providing inadequate and incorrect ICT equipment that are overpriced, non-compliant to ICT equipment requirements, toy-like ICT equipment, etc.; 12. Provide training for administration and server management to the DOT – IT Division with training certificates and administration and user manual; 13. Provide complete documentation which includes, but are not limited to server connection diagram, listing, paper licenses, etc.; 14. Provide at least two (2) IT personnel to oversee, monitor, and perform on-site support after installation and configuration of the server twice a week for two (2) months. 	
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	<p>B. IT Supplier Requirements</p> <ol style="list-style-type: none"> 1. Submit certification of authorized partner; 2. Provide at least one (1) central toll-free hotline number and e-mail address of the brand being offered; 3. The manufacturer must provide on-site support on the next business day after a final remote diagnosis for delivered items within Metro Manila and three (3) days outside Metro Manila; 4. On-site support engineers and technicians must carry a valid manufacturer's ID and certification from the brand or manufacturer of the delivered ICT equipment, especially on desktops, laptops, and servers; 5. All hardware and software models must be current and not in "<i>end of life</i>"/"<i>phase-out</i>" as reflected in the current product line found in the manufacturer's official website and brochure. A manufacturer's certificate for this purpose is required; 6. Provide brand and product manufacturer certificates indicating that the brand and product parts being offered will be available and serviceable for at least five (5) years after delivery and acceptance; 7. All components must be at international standards and must be factory installed with corresponding part numbers and verifiable via web; 8. The manufacturer brand must have at least two (2) depots within the country to ensure a sufficient number of spare parts. <p>C. Technical Specification</p> <ol style="list-style-type: none"> 1. ICT Machinery and Equipment (All must have the same brand) <ol style="list-style-type: none"> i. Application Server must have the following: <ul style="list-style-type: none"> • At least 2U rack mount unit • Trusted Platform Module 2.0 	
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	<ul style="list-style-type: none"> • Atleast (2) 480GB SSD at RAID1 • RAID Controller with levels 0, 1, 5, 6, 10, 50, 60 • Dual, Hot-Plug, Power Supply Redundant (1+1), 1400W • Dual Port 10/25GbE SFP28, OCP NIC 3.0 • Dual Port 1GbE Optional LOM • Dual Port 10/25GbE SFP28 Adapter, PCIe Full Height, V2 • 4x SFP+ SR Optic 10GbE 850nm • Non-Reboot Adaptive System Lockdown • Web Server Certificate Automatic Renewal • Two-factor authentication via email/RSA SecurID • BIOS Image Integrity Checking • Non-Reboot Dynamic USB Port • LCD Screen Bezel • Basic Server Group Management Platform, Enabled • (ISM), Pre-Installed in OS • Ready Rails Sliding Rails with cable management arm • UEFI BIOS Boot Mode with GUID Partition Table • Cyber-resilient systems designed for zero trust • OS: Windows Server 2022 Datacenter • SQL Server 2022 Standard, OEM, Includes 5 USER CALs, NFI with SQL2019/2017 DWGD Media • Simple Infrastructure Management Console • 2x Dual Port FC32 Fibre Channel HBA, PCIe Full Height 	
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	<ul style="list-style-type: none"> • Must have cloud-based management/monitoring and analytics with current maximum of 50,000 servers per instance. • Must have (2) 4416+ 2G, 20C/40T, 16GT/s, 38M Cache, Turbo, HT (165W) DDR5-4000 • Must have 16x 16GB RDIMM, 4800MT/s Single Rank • Minimum of Five (5) years warranty support with the following services: <ul style="list-style-type: none"> ○ Support Availability and Response Commitment - 24/7 ○ Hardware and Software covered products ○ 4 hours Onsite response ○ Artificial Intelligence Platform for IT Operations ○ Security and Risk Vulnerabilities Alerts with available remedies ○ Centralized Connectivity Solution Platform with automated support and real-time analytics ○ Preemptive hardware anomaly detection ○ 24/7 new release software update access ○ Cybersecurity Assessment ○ Incident Response Prioritization for Critical Severity issues. ○ Premium Critical Support with Immediate Onsite Support ○ Priority Engineer Remote Support ○ Dedicated Service Account Manager ○ Proactive system maintenance ○ Limited 3rd party software support 	
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	<p>ii. Object File Storage Server must have the following:</p> <ul style="list-style-type: none"> • 154 TB Storage Capacity • Trusted Platform Module 2.0 • processor 12C/24T, 16GT/s, 30M Cache, Turbo, HT (150W) DDR5-4000 • Heatsink for 1 CPU configuration • (2) 16GB RDIMM, 4800MT/s Single Rank • RAID 1 + Unconfigured RAID • RAID Controller with levels 0, 1, 5, 6, 10, 50, 60 • Must have 2x 600GB Hard Drive SAS ISE 12Gbps 10k 512n 2.5in with 3.5in HYB CARR Hot-Plug • Must have 7x 22TB Hard Drive SAS 12Gbps 7.2K 512e 3.5in Hot-Plug, AG Drive • Dual, Hot-Plug, Power Supply Redundant (1+1), 1400W • Dual Port 10/25GbE SFP28, OCP NIC 3.0 • Dual Port 1GbE Optional LOM • Dual Port 10/25GbE SFP28 Adapter, PCIe Full Height, V2 • Must have 4x SFP+ SR Optic 10GbE 850nm • Non-Reboot Adaptive System Lockdown • Web Server Certificate Automatic Renewal • Two-factor authentication via email/RSA SecurID • BIOS Image Integrity Checking • Non-Reboot Dynamic USB Port • LCD Screen Bezel • Basic Server Group Management Platform, Enabled 	
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	<ul style="list-style-type: none"> • ReadyRails Sliding Rails with cable management arms • UEFI BIOS Boot Mode with GUID Partition Table • Cyber-resilient systems designed for zero trust • OS: Windows Server 2022 Standard,16 CORE • Simple Infrastructure Management Console • Must have cloud-based management/monitoring and analytics with current maximum of 50,000 servers per instance. • Minimum of Five (5) years warranty support with the following services: <ul style="list-style-type: none"> ○ Support Availability and Response Commitment - 24/7 ○ Hardware and Software covered products ○ 4 hours Onsite response ○ Artificial Intelligence Platform for IT Operations ○ Security and Risk Vulnerabilities Alerts with available remedies ○ Centralized Connectivity Solution Platform with automated support and real-time analytics ○ Preemptive hardware anomaly detection ○ 24/7 new release software update access ○ Cybersecurity Assessment ○ Incident Response Prioritization for Critical Severity issues. ○ Premium Critical Support with Immediate Onsite Support ○ Priority Engineer Remote Support ○ Dedicated Service Account Manager ○ Proactive system maintenance 	
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	<ul style="list-style-type: none"> ○ Limited 3rd party software support <p>iii. Storage Area Network must have the following:</p> <ul style="list-style-type: none"> • 30 TB Storage Capacity • Must support block and file storage (Unified) • Nine (9) 3.84TB ALL FLASH 25X2.5 SSD • Two (2) 2X4 PORT IO 32GB FC AF • CNA 4x10GbE OPT SFPs AF • Three (3) 2x3M OM4 Fiber CBL AF • Dual, Hot-Plug, Power Supply Redundant (1+1), 1007VA (970.5W) max at 200 VAC • Minimum of Five (5) years warranty support with the following services: <ul style="list-style-type: none"> ○ Support Availability and Response Commitment - 24/7 ○ Hardware and Software covered products ○ 4 hours Onsite response ○ Artificial Intelligence Platform for IT Operations ○ Security and Risk Vulnerabilities Alerts with available remedies ○ Centralized Connectivity Solution Platform with automated support and real-time analytics ○ Preemptive hardware anomaly detection ○ 24/7 new release software update access ○ Cybersecurity Assessment ○ Incident Response Prioritization for Critical Severity issues. ○ Premium Critical Support with Immediate Onsite Support 	
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	<ul style="list-style-type: none"> ○ Priority Engineer Remote Support ○ Dedicated Service Account Manager ○ Proactive system maintenance ○ Limited 3rd party software support ● Must have cloud-based management/monitoring and analytics for storage devices. <p>iv. Management Switch must have the following:</p> <ul style="list-style-type: none"> ● Twenty-four (24) Ports 1G RJ45 ● Four (4) Ports 10G SFP+ ● Two (2) Ports QSFP28 100G ● One (1) AC PSU, 1050W ● Network Operating System with multiple architectures and environment support ● (2) Cables, SFP+ to SFP+, 10GbE, Copper Twinax Direct Attach Cable, 1 Meter ● Jumper Cord - C13/C14, 2M, 250V, 12A ● Lifetime Limited Hardware Warranty (POW)-ACDTS ● Minimum of Five (5) years warranty support with the following services: <ul style="list-style-type: none"> ○ Support Availability and Response Commitment - 24/7 ○ Hardware and Software covered products ○ 4 hours Onsite response ○ Artificial Intelligence Platform for IT Operations ○ Security and Risk Vulnerabilities Alerts with available remedies ○ Centralized Connectivity Solution Platform with automated support and real-time analytics ○ Preemptive hardware anomaly detection 	
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	<ul style="list-style-type: none"> ○ 24/7 new release software update access ○ Cybersecurity Assessment ○ Incident Response Prioritization for Critical Severity issues. ○ Premium Critical Support with Immediate Onsite Support ○ Priority Engineer Remote Support ○ Dedicated Service Account Manager ○ Proactive system maintenance ○ Limited 3rd party software support <p>v. Block Storage Switch must have the following:</p> <ul style="list-style-type: none"> ● Twenty-four (24) Ports 32GB FC ● Two (2) C13 Power Cord NEMA5-15P plugs, 2 meters ● Five (5) years support plus and 4hr mission critical-ACDTS ● Eighty (80) FC cable OM4 LC/LC fiber cable, 3 Meters ● One (1) PSU, 77W ● Minimum of Five (5) years warranty support with the following services: <ul style="list-style-type: none"> ○ Support Availability and Response Commitment - 24/7 ○ Hardware and Software covered products ○ 4 hours Onsite response ○ Artificial Intelligence Platform for IT Operations ○ Security and Risk Vulnerabilities Alerts with available remedies 	
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	<ul style="list-style-type: none"> ○ Centralized Connectivity Solution Platform with automated support and real-time analytics ○ Proactive hardware fault detection ○ 24/7 new release software update access ○ Cybersecurity Assessment ○ Incident Response Prioritization for Critical Severity issues. ○ Premium Critical Support with Immediate Onsite Support ○ Priority Engineer Remote Support ○ Dedicated Service Account Manager ○ Proactive system maintenance ○ Limited 3rd party software support <p>vi. Core Switch must have the following:</p> <ul style="list-style-type: none"> • Twenty-eight (28) Ports 10GbE SFP+ • Two (2) Ports QSFP28 • Two (2) PSU (minimum 160W to 260W maximum) • Transceiver, SFP+, 10GbE, SR, 850nm Wavelength, 300m Reach, 12-Pack • Six (6) Transceiver, SFP+, 10GbE, SR, 850nm Wavelength, 300m Reach • Two (2) Jumper Cord - C13/C14, 2M, 250V, 12A • Networking Cable 100GbE, QSFP28 to QSFP28, Passive Copper Direct Attach Cable, 1 Meter • Network Operating System with multiple architectures and environment support • Minimum of Five (5) years warranty support with the following services: <ul style="list-style-type: none"> ○ Support Availability and Response Commitment - 24/7 	
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	<ul style="list-style-type: none"> ○ Hardware and Software covered products ○ 4 hours Onsite response ○ Artificial Intelligence Platform for IT Operations ○ Security and Risk Vulnerabilities Alerts with available remedies ○ Centralized Connectivity Solution Platform with automated support and real-time analytics ○ Proactive hardware fault detection ○ 24/7 new release software update access ○ Cybersecurity Assessment ○ Incident Response Prioritization for Critical Severity issues. ○ Premium Critical Support with Immediate Onsite Support ○ Priority Engineer Remote Support ○ Dedicated Service Account Manager ○ Proactive system maintenance ○ Limited 3rd party software support <p>vii. Security Appliance (firewall) must have the following:</p> <ul style="list-style-type: none"> ● Four (4) x 25G SFP28 slots ● Four (4) x 10GE SFP+ slots ● Eighteen (18) x GE RJ45 slots ● Eight (8) GE SFP Slots ● At least a minimum 100Gbps throughput ● Must be able to protect applications and manage internal, and external risk while lessening or removing security gaps. ● 480GB onboard SSD 	
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	<ul style="list-style-type: none"> • Dual AC Power Supply, (minimum 174W to 260W maximum) • Unified Threat Management • Intrusion Prevention System • Advance Malware Protection • Application Control • URL, DNS, Video Anti-Spam Service • Its own Advance Operating System • Trusted Platform Module <p>2. Data Center and Cloud Services</p> <p>i. Technical Specification</p> <ul style="list-style-type: none"> • Preferably at least 100 km radius outside Metro Manila. • Data Centers are operated and maintained by permanent hired engineers to ensure that the set processes and procedures are carried out to provide global standards to our data center clients. • Engineers are responsible for delivering a facility that is concurrently maintainable, consistent to global standards service level agreements • The power delivered to each collocated rack is fully redundant and diverse from the PDUs up to the UPS level. The generators are also redundant to ensure that there will always be spare capacity. • Precision cooling system in the server farms keeps the temperature at 17°C to 27°C to keep the equipment's optimal health longer. • A gas-based fire suppression system is also in place to mitigate any fire-related threat on the IT gear. This is coupled with Very Early Smoke Detection Apparatus (VESDA) that actively sample the air composition to detect early signs of fire-related threats 	
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	<p>ii. Operational Specification</p> <ul style="list-style-type: none"> • 24/7 Facilities Support • 24/7 Facilities Management • 24/7 Network Support • Remote Hands and Eyes • Two (2) Full rack with 3KVA each actual Power • Internet Access line 1 (100Mbps) • Internet Access line 2 (100Mbps) • 24/7 Helpdesk / Support Service <p>ii. Certification</p> <ul style="list-style-type: none"> • ISO 9001:2015 - Quality Management System • ISO 14001:2015 - Environmental Quality System • ISO 20000-1:2011 - IT Service Management System • ISO 27001:2013 - Information Security Management System • ISO 22301:2012 -Business Continuity Management System • TIA942 Rated 3 Facility Certified <p>iii. Cloud Infrastructure</p> <ul style="list-style-type: none"> • Must have a home page that provides access to each service console and offers a single place to access the information needed to perform related tasks • Must have a mobile application for Android and iOS devices. • Must have a web service that helps secure control access to cloud resources • Must support Multi-factor authentication (MFA) • Must support Identity Federation • Must support PCI DSS Compliance 	
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	<ul style="list-style-type: none"> • Must have the ability to launch cloud resources in a logically isolated virtual network that is defined. This virtual network closely resembles a traditional network that will be operated in the data center, with the benefit of using the scalable infrastructure of cloud • Must support both IPV4 and IPV6 • Must have logging feature to capture information about the IP traffic going to and from network interfaces in the network • Must support multiple options to connect to your network such as: <ul style="list-style-type: none"> ○ Site-to-Site VPN ○ Client VPN ○ VPN CloudHub ○ Third party software VPN appliance • Must have the ability to access cloud resources and run applications real time. This feature can be used to collect and track metrics, which are variables that can measure the resources and applications. • Must have a single view for selected metrics and alarms to help assess the health of resources and applications across one or more regions. Select the color used for each metric on each graph, so that it can easily track the same metric across multiple graphs. • The Cloud Service Provider has to be ISO 27001 certified. • The Cloud Service Provider has to be ISO 27017 certified. • The Cloud Service Provider has to be ISO 27018 certified. • The Cloud Service Provider has to be ISO 9001 certified. • Must have the ability to provide on-demand, scalable computing capacity in the cloud. • Must support virtualization infrastructure which provides bare metal capabilities that eliminate 	
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	<p>virtualization overhead and support workloads that require full access to host hardware</p> <ul style="list-style-type: none"> ○ Specifications ○ Quantity 10 ○ Operating System: Linux ○ vCPU: 8vCPU ○ Memory: 32GB ○ I/O: Up to 10Gbps ○ Block Storage: 500GB ○ Preferably with lowest latency in Southeast Asia ○ Service Length: 5 years <p>iv. Security:</p> <ul style="list-style-type: none"> • Must have a vulnerability management service that continuously scan the cloud workloads for software vulnerabilities and unintended network exposure. Automatically discovers and scans running instances, container images in for known software vulnerabilities and unintended network exposure • Specification: <ul style="list-style-type: none"> ○ Total number of instances scan per month: 10 instances ○ Must have security monitoring service that analyzes and processes foundational data sources and Domain Name Server (DNS) logs. It uses threat intelligence feeds, such as lists of malicious IP addresses, domains, and machine learning to identify unexpected, potentially unauthorized, and malicious activities within the cloud environment. This can include issues like escalation of privileges, use of exposed credentials, or communication with malicious IP addresses, domains, presence of malware on the instances and container workloads, or discovery of unusual patterns of login events on the database. For example, it can detect compromised instances and container workloads serving malware, or mining bitcoin. 	
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	<ul style="list-style-type: none"> ○ Must have rules to evaluate the configuration settings of the cloud resources. When it detects that a resource violates the conditions in one of the rules, it must flag the resource as noncompliant and sends a notification. It must continuously evaluate the resources as they are created, changed, or deleted. ○ Must provide a comprehensive view of the security state in the cloud and help assess the cloud environment against security industry standards and best practices. ○ Must collect security data across cloud accounts, cloud services, and supported third-party products and help analyze security trends and identify the highest priority security issues. • Specification: <ul style="list-style-type: none"> ○ Can handle 1 account ○ Can handle 1,000 security checks per account ○ Can handle 10,000 finding ingested per account • Must have a security features that monitors and manage web requests that are forwarded to protected cloud resources. It needs to inspect web requests for matches to the conditions that are specified, such as the IP address that the requests originate from, the value of a specific request component, or the rate at which requests are being sent. Can manage matching requests in a variety of ways, including counting, blocking, allowing them, or sending challenges like CAPTCHA puzzles to the client user or browser. • Specification: <ul style="list-style-type: none"> ○ Can handle 10 Access Control Lists (ACLs) utilize per month ○ Can handle 10 managed rule per web ACL per month ○ Can handle 10 million web requests received across all web ACLs per month 	
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	<ul style="list-style-type: none"> • Must have an online data movement and discovery service that simplifies data migration and helps quickly, easily, and securely transfer file or object data to, from, and between cloud storage services • Must work with the following on-premises storage systems: <ul style="list-style-type: none"> ○ Network File System (NFS) ○ Server Message Block (SMB) ○ Hadoop Distributed File Systems (HDFS) ○ Object storage • scalable online storage service for storing and retrieving any amount data. Designed to deliver high durability of 99.99%, availability and performance for a wide variety of use cases. • Specification: <ul style="list-style-type: none"> ○ 20TB ○ PUT, COPY, POST, LIST requests to cloud object standard: 1,000,000 ○ GET, SELECT, and all other requests from cloud object standard: 1,000,000 ○ Data Transfer Out: 2TB per month • Must minimize downtime and data loss with fast, reliable recovery of on-premises and cloud-based applications using affordable storage, minimal compute, and point-in-time recovery. • Can increase IT resilience when this feature is used to replicate on-premises or cloud-based applications running on supported operating systems. • Must be compatible to existing infrastructure: <ul style="list-style-type: none"> ○ Replication Specification ○ Number of source servers replicated per month: 20 Server ○ Number of disks: 20 	
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	<ul style="list-style-type: none"> ○ Storage on all disks and all servers: 10TB ○ Replica Server Specs ○ Quantity: 2 ○ Operating System: Linux ○ vCPU: 2vCPU ○ Memory: 2GB ○ I/O: Up to 5Gbps ○ Service Location: South East Asia ○ Service Length: 5 years ○ Drills/Recovery ○ Quantity: 5 ○ Operating System: Windows ○ vCPU: 8vCPU ○ Memory: 32GB ○ I/O: Up to 10Gbps ○ Service Location: South East Asia ○ Service Length: 2 Hours per day for 5 years ○ Quantity: 5 ○ Operating System: Linux ○ vCPU: 8vCPU ○ Memory: 32GB ○ I/O: Up to 10Gbps ○ Service Location: South East Asia ○ Service Length: 2 Hours per day for 5 years 	
	v. Cloud Provider Requirements	

	<ul style="list-style-type: none"> • Disaster recovery must be compatible with existing on-premise installation for a hybrid setup • Migration of on-premise servers must be compatible with the existing setup. Licenses must be included. <p>vi. Data Lake</p> <ul style="list-style-type: none"> • Must have a cloud service that makes it possible to migrate relational databases, data warehouses, NoSQL databases, and other types of data stores. This service can be used to migrate your data into the Cloud or between combinations of cloud and on-premises setups. • Can discover source data stores, convert source schemas, and migrate data. • Specification: <ul style="list-style-type: none"> ○ Migration Service Instance: Qty 1 ○ vCPU: 2 ○ Memory: 16GB ○ Storage: 1TB ○ Deployment type: Single ○ Preferably with the lowest latency in Southeast Asia • Data Lake Extract, Transform, Load (ETL) • Object storage service that offers industry-leading scalability, data availability, security, and performance. Customers of all sizes and industries can use object storage to store and protect any amount of data for a range of use cases, such as data lakes, websites, mobile applications, backup and restore, archive, enterprise applications, IoT devices, and big data analytics. Object storage provides management features so that you can optimize, organize, and configure access to the data to meet the specific business, organizational, and compliance requirements • Specification: <ul style="list-style-type: none"> ○ Can handle 2TB of data per month 	
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	<ul style="list-style-type: none"> ○ Capable of commands: PUT, COPY, POST, LIST requests to Object storage: 1,000,000 ○ Capable of commands: GET, SELECT, and all other requests from Object storage: 1,000,000 ○ Can handle Data Transfer of 100GB per month • Must have interactive query service that makes it easy to analyze data directly in object storage using standard SQL. With a few actions in the console, it can be pointed at data stored object storage and begin using standard SQL to run ad-hoc queries and get results in seconds. • Specification: <ul style="list-style-type: none"> ○ Can handle a total number of 1000 queries per day ○ Can scan 1GB amount of data per day • Must have a serverless data integration service that makes it easy for analytics users to discover, prepare, move, and integrate data from multiple sources. It can also be used for analytics, machine learning, and application development. It also includes additional productivity and data operations tooling for authoring, running jobs, and implementing business workflows. • Must have a feature that can discover and connect to more than 70 diverse data sources and manage data in a centralized data catalog. It can visually create, run, and monitor Extract, Transform, and Load (ETL) pipelines to load data into data lakes. • Specification: <ul style="list-style-type: none"> ○ Can handle 10 data of ETL Jobs ○ Can process Duration of Apache Spark ETL Jobs within 24 hours ○ Can process 5 DPUs for each provisioned interactive session ○ Can process Duration for provisioned interactive sessions within 24 hours ○ Can store Data Catalog requests ○ Can handle 1 million objects stored per month 	
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	<ul style="list-style-type: none"> ○ Can handle 1 million access requests per month ○ Can process DataBrew interactive sessions ○ Can handle 10 interactive sessions for DataBrew ○ Can process DataBrew job within 10 minutes ○ Can handle 1000 crawlers: ○ Can process each crawler within 10 minutes • Must have cloud-scale business intelligence (BI) service that can be used to deliver easy-to-understand insights to the people you work with, wherever they are. It must be able connect to your data in the cloud and combine data from many different sources. In a single data dashboard, it can include data, third-party data, big data, spreadsheet data, SaaS data, B2B data, and more. As a fully managed cloud-based service, it provides enterprise-grade security, global availability, and built-in redundancy. It also provides the user-management tools that is needed to scale from 10 users to 10,000, all with no infrastructure to deploy or manage. • Must be powered by machine learning and uses natural language processing to answer the business questions quickly. By using it, it can save weeks of effort on the part of business intelligence (BI) team, who otherwise might have to build predefined data models and dashboards. • Specification: <ul style="list-style-type: none"> ○ Can handle a minimum of 50 readers: ○ Can process for 22 working days per month ○ Can handle 5 administrators ○ Can handle a capacity of 10 gigabytes (GB): <p>3. System Integration Task</p> <ul style="list-style-type: none"> • Must be able to replace/upgrade existing storage from the main site (migration should be included) • Must be 100% compatible and can integrate with existing infrastructure in the Disaster Recovery (DR) site 	
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	<ul style="list-style-type: none"> • Must create cluster for the additional servers • Must be able to live migrate virtual machine • Virtual machine must be highly available • Must configure NIC Teaming • Must configure multiple path • Should be able to use replaced/upgraded SAN switch and create additional zoning • Virtual machines on main site should have the ability to replicate to DR site and to the cloud <p>D. Manpower</p> <p>During the Installation, Configuration, and Deployment Period:</p> <p>Infrastructure</p> <ul style="list-style-type: none"> • Certified Technical Engineers for the installation, configuration of servers, storages, networking switches and firewall. • Virtual Machine Specialist with Certification such as Oracle, Hyper-V, and the like. • Must have official vendor training for servers, san storage and network within 3 years. • Certified Data Privacy Officer <ul style="list-style-type: none"> ○ Be a member of the National Association of Data Privacy Officer of the Philippines (NADPOP) ○ At least two (2) years of relevant practice leading to operational compliance of an institution <p>Cloud</p> <ul style="list-style-type: none"> • Cloud provider must have six (6) Cloud Certified Practitioners and three (3) Certified Solutions Architects who will provide provisioning of infrastructure and services on cloud. • Must have a Certified Data Privacy Officer 	
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<ul style="list-style-type: none">○ Be a member of the National Association of Data Privacy Officer of the Philippines (NADPOP)○ At least two (2) years of relevant practice leading to operational compliance of an institution. <p>After Deployment:</p> <ul style="list-style-type: none">• at least two (2) IT personnel to oversee, monitor, and perform on-site support after installation and configuration of the server twice a week for two (2) months. <p>4. Summary</p> <table><tr><th>Item</th><th>Qty</th></tr><tr><td>ICT Machinery and Equipment (All must have the same brand)</td><td rowspan="10">1 Lot</td></tr><tr><td>Application Server 1 x 10</td></tr><tr><td>Object File Storage Server 1 x 2</td></tr><tr><td>Storage Area Network 1 x 2</td></tr><tr><td>Management Switch 1 x 4</td></tr><tr><td>Block Storage Switch 1 x 4</td></tr><tr><td>Core Switch 1 x 2</td></tr><tr><td>Security Appliance (Firewall) 1 x 4</td></tr><tr><td>Data Center Services</td></tr><tr><td>Professional Services</td></tr></table> <p>Project Duration:</p> <ul style="list-style-type: none">• Delivery Period: Forty-five (45) calendar days upon the issuance of the Notice to Proceed (NTP).• Installation, configuration, integration, testing, and deployment Period : Two (2) months and fifteen (15) calendar days after the delivery.• Contract Period: One (1) year after issuance of User Acceptance <p>The total duration of the contract is one (1) year and four (4) months inclusive of forty-five (45) calendar days delivery period, installation, configuration, integration, testing, and deployment.</p> <p>Project Cost:</p> <p>The total budget is inclusive of VAT chargeable against ITD funds FY 2024.</p> <p>Mode of Payment: Government Procedure</p>	Item	Qty	ICT Machinery and Equipment (All must have the same brand)	1 Lot	Application Server 1 x 10	Object File Storage Server 1 x 2	Storage Area Network 1 x 2	Management Switch 1 x 4	Block Storage Switch 1 x 4	Core Switch 1 x 2	Security Appliance (Firewall) 1 x 4	Data Center Services	Professional Services
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Data Center Services													
Professional Services													

	<p>Payment</p> <ol style="list-style-type: none"> 1. Fifty percent (50%) of the payment will be released upon 100% completion of installation, configuration, and deployment of ICT equipment to the DOT. However, the DOT has the right to demand a full refund and terminate/cancel the project with or without notice even in the middle of the project upon an observation that the IT supplier cannot deliver and fully utilize the capabilities and features of the newly installed infrastructure to the DOT; 2. The remaining Fifty percent (50%) of the payment will be released after deployment and delivery of documentation of the project. 	
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Conforme:

Name of Bidder's/Representative

Signature

Date

Section VIII. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class “A” Documents

Legal Documents

- ☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR.

Technical Documents

- ☐ (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid (**Annex “A”**); **and**
- ☐ (c) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents (Note: This statement shall be supported with end-user’s acceptance or official receipt(s) or sales invoice issued for the contract) (**Annex “B”**); **and**
- ☐ (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration (**Annex C”**); **and**
- ☐ (e) Conformity with the Technical Specifications (**Section VII**), which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable (**Section VI**); **and**
- ☐ (f) Original duly signed Omnibus Sworn Statement (OSS) (**Annex “D”**); **and** if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- ☐ (g) The prospective bidder’s computation of Net Financial Contracting Capacity (NFCC) (**Annex “E”**);
or
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class “B” Documents

- ☐ (h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;
or
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

- ☐ (i) Original of duly signed and accomplished Financial Bid Form (**Annex “F”**);
and
- ☐ (j) Original of duly signed and accomplished Price Schedule(s) (**Annex “G”**).

Other documentary requirements under RA No. 9184 (as applicable)

- ☐ (k) *[For foreign bidders claiming by reason of their country’s extension of reciprocal rights to Filipinos]* Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- ☐ (l) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

