



REPUBLIC OF THE PHILIPPINES
PHILIPPINE STATISTICS AUTHORITY



REQUEST FOR QUOTATION

The **Philippine Statistics Authority (PSA)** through the Bids and Awards Committee (BAC), intends to procure Training Provider for Python, Spark, and Apache Hadoop for Big Data which shall be undertaken in accordance with Section 53.9 (Small Value Procurement) of the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184, with an Approved Budget of the Contract (ABC) in the amount of **Php 270,000.00** Two Hundred Seventy Thousand Pesos Only

Please quote your **best offer** for the **item/s described herein**, subject to the Terms and Conditions provided below. Submit your quotation duly signed by you or your duly authorized representative **not later than** AUGUST 07, 2024 at 11:00AM through email at bac-secretariat@psa.gov.ph and bacsecretariat.psa@gmail.com

For any clarification, you may contact us at telephone no. **(02) 8374-8263** or email address at gsdprocurement.psa@gmail.com

Minerva E. Esquivias
MINERVA ELOISA P. ESQUIVIAS
Chairperson, Bids and Awards Committee

TERMS AND CONDITIONS

- 1 Bidders shall provide correct and accurate information required in this form.
- 2 Price quotation/s must be valid for a period of **thirty (30) calendar days** from the date of submission.
- 3 Price quotation/s, to be denominated in Philippine peso, shall include all taxes, duties and/or levies payable.
- 4 Quotations exceeding the ABC shall be rejected.
- 5 Award of contract shall be made to the lowest calculated and responsive bid (LCRB).
- 6 Any interlineations, erasures or overwriting shall be valid only if they are signed or initialed by you or your duly authorized representative.
- 7 In case of two or more bidders are determined to have submitted the LCRB, the PSA shall adopt and employ "draw lots" as the tie-breaking method to finally determine the single winning bidder in accordance with GPPB Circular 06-2005.
- 8 The item/s shall be delivered according to the requirements specified in the Purchase Request (PR).
- 9 The PSA shall have the right to inspect and/or test the goods to confirm their conformity to the Technical Specifications.
- 10 Payment shall be made after delivery and upon submission of the required supporting documents, i.e. Order Slip and/or Billing Statement, by the supplier. Our Government Servicing Bank, **Land Bank of the Philippines**, shall credit the amount due to the identified bank of the supplier **not earlier than twenty four (24) hours, but not later than forty eight (48) hours**, upon receipt of our advice. Please note that the corresponding **bank transfer fee**, if any, shall be chargeable to the account of the supplier.
- 11 Liquidated damages equivalent to one tenth (1/10) of one percent (1%) of the value of the goods not delivered within the prescribed period shall be imposed per day of delay. The PSA shall rescind the contract once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, without prejudice to other courses of action and remedies open to it.

| Documents to be submitted | Deadline | Remarks |
|--|---|--|
| Copy of the 2024 Mayor's/Business Permit and valid PhilGEPS Registration | not later than <u>8/7/24</u> at <u>11:00AM</u> | together with the quotation |
| Notarized Omnibus Sworn Statement (OSS) Supporting document/s to be submitted as may be applicable: a. For Sole Proprietorship: -If owner – Notarized OSS -If authorized representative – Notarized Special Power of Attorney and OSS b. For Corporation: -Notarized Secretary's Certificate and OSS c. Partnership: -Anyone of the partners, Notarized OSS -If authorized representative - Notarized Special Power of Attorney and OSS | | Upon acknowledgement of the Notice of Award. |



PSA Complex, East Avenue, Diliman, Quezon City, Philippines 1101
Telephone: (632) 8938-5267
www.psa.gov.ph

REQUEST FOR QUOTATION
PR No. 24-07-0792

After having carefully read and accepted the Terms and Conditions, I/We submit our quotation/s for the item/s as follows:

| Item(s) and Specification(s), minimum | Unit | Quantity | Unit Price | Total Amount (VAT Inclusive) | Compliance with Technical Specifications (pls. check) | |
|--|------|----------|------------|------------------------------|---|----|
| | | | | | Yes | No |
| Training Provider for Python, Spark, and Apache Hadoop for Big Data | lot | 1 | | | | |
| Venue: Online | | | | | | |
| No. of Participants: 5 | | | | | | |
| Training Duration: 3 days | | | | | | |
| Within the month of September 2024 | | | | | | |
| Scope of Training: | | | | | | |
| 1. Introduction of Python, Spark, and Hadoop | | | | | | |
| • Overview of Spark and Hadoop features, architecture, and components | | | | | | |
| • Understanding Spark and big data | | | | | | |
| • Spark's role in big data processing | | | | | | |
| • Overview of Python programming basics and essential libraries | | | | | | |
| 2. Getting Started | | | | | | |
| • Setting up Python, Spark, and Hadoop | | | | | | |
| • Setting up PySpark environment | | | | | | |
| • Understanding PySpark API | | | | | | |
| • Understanding MapReduce and HDFS | | | | | | |
| 3. Integrating Spark and Hadoop with Python | | | | | | |
| • Implementation of Spark RDDs (Resilient Distributed Datasets) | | | | | | |
| • Data transformation with PySpark | | | | | | |
| • Processing data using MapReduce / Hadoop Cluster | | | | | | |
| • Creating distributed datasets with HDFS | | | | | | |
| • Configuring Spark to work with Hadoop | | | | | | |
| 4. Hands-on Guided Exercises | | | | | | |
| • Running Spark applications on Hadoop Cluster | | | | | | |
| • Loading and analyzing a dataset with PySpark | | | | | | |
| • Basic data processing and visualization with PySpark | | | | | | |
| 5. Additional Topics | | | | | | |
| • Machine Learning with Spark MLlib | | | | | | |
| • Processing Big Data with Spark Streaming | | | | | | |
| • Working with Recommender Systems | | | | | | |
| • Working with Kafka, Sqoop, Kafka, and Flume | | | | | | |
| • Apache Mahout with Spark and Hadoop | | | | | | |
| • Troubleshooting | | | | | | |
| Inclusions: | | | | | | |
| - Interactive lecture and dicussion | | | | | | |
| - Lots of exercises and practice | | | | | | |
| - Hands-on implementation in a live-lab environment | | | | | | |
| - Training materials / softcopy of handouts | | | | | | |
| - Trainer has in-depth experience with the topics being discussed | | | | | | |
| Total amount in words: | | | | | | |

Printed name of the authorized representative: _____ Signature: _____

Name of Company: _____ Position: _____

Address: _____ Email address: _____

Fax No.: _____ Tel. No.: _____ Mobile No.: _____

Date: _____