



TERMS OF REFERENCE

Procurement of Training Provider/ Professional Services

I. PROJECT TITLE : INTRODUCTION TO CLOUD COMPUTING AND VIRTUALIZATION

DATE/VENUE : October 10-12, 2022 (3 half-days)/ Online session

III. BACKGROUND/ RATIONALE

Cloud computing creates new paradigms of information architecture and core business models of organizations across different industries. Today's organization must be able to quickly adapt to the market needs and hence most of them started to replace physical computers (servers and desktops) with "virtual machines". This 12-hour course curriculum is designed for beginners and this training will enable the participants to understand various concepts around cloud computing and how to apply them in an organization's I.T. landscape.

Course Objectives:

At the end of the program, the participants are expected to:

- Understand the common terms and definitions of virtualization and cloud computing;
- Understand the technical capabilities and business benefits of virtualization and cloud computing and how to measure these benefits;
- Describe the landscape of different types of virtualization and understand the different types of clouds;
- Compare and contrast various Cloud Storage and databases;
- Comprehend the concepts of Global Infrastructure and Cloud Security and demonstrate how Cloud Computing is applied in Modern I.T. and Government Systems

IV. MINIMUM REQUIREMENTS FOR THE TRAINING PROVIDER

- Must be a recognized learning and development institution/trainer by the Civil Service Commission or at least with certificate of distinction as information technology solutions provider to the top corporations and government institutions;
- With minimum of 2-3 years' experience in the field of information technology and provider of cloud computing solutions;
- Must be able to deliver the following objectives:
 - a. To define the basic and common terms of virtualization and cloud computing
 - b. To apply the concepts of Global Infrastructure and Cloud Security
 - c. Understand the technical capabilities and business benefits of virtualization and cloud computing

V. SCOPE OF WORK/ ITEMS/ DELIVERABLES

The Training and Development Division is looking for a professional services/training provider intended for the DOT Employees for the said program:

PROGRAM	KEY CONTENTS	TARGET DATES	TARGET PAX
Introduction to Cloud Computing and Virtualization	Module 1: Introduction to Cloud Concepts and Virtualization Module 2: Introduction to Components of Cloud Computing Module 3: Introduction to Cloud Storage and Databases	October 10-12, 2022	20 pax

	Module 4: Introduction to Global Infrastructure and Cloud Security	
	Module 5: Application of Cloud Computing in Modern I.T.	

The Personality Development and Image Enhancement training program incorporated in this Terms of Reference shall be implemented in the Calendar Year 2022. The training provider shall perform the following functions with the following deliverables:

ACTIVITIES	DELIVERABLES	Quantity
1. Design of the Program: Introduction to Cloud Computing and Virtualization	<ul style="list-style-type: none"> Program design and course content submitted 	1 day
2. Conduct of the following: <ol style="list-style-type: none"> The program is open to all employees particularly Information Technology Officers and/or with I.T. related functions to be held on October 10-12, 2022 Post-Training Activities 	<ul style="list-style-type: none"> To facilitate and handle the program as scheduled to selected DOT employees with maximum of 20 participants Must provide online platform as aid for learning Participants shall be provided with learning materials such as handouts, simulation exercises, case studies and pre-and post-test evaluation Participants shall be provided with a Certificate of Completion upon successfully completed the course requirements and program activities Submission of program evaluation report. 	3 days (4 hours session)
		Upon payment of the project cost

VI.

PROJECT COST

Two Hundred Thousand Pesos (*Php 200,000.00*) inclusive of applicable taxes. Expenses shall be charged to the Training and Development Division (TDD) Internal Training Programs for FY 2022.

VII.

TERMS OF PAYMENT

Payment shall be processed thru Government Procedure.

VIII.


CONTACT DETAILS

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