REQUEST FOR PROPOSAL (RFP)

For

CORPORATE ORACLE APEX TRAINING (Revised)

Ref No.RQ854   **Date: 11th Oct, 2022**

1. Introduction

Oracle APEX is a low-code development platform that enables you to build scalable, secure enterprise apps, with world-class features, that can be deployed anywhere. Using APEX, developers can quickly develop and deploy compelling apps that solve real problems and provide immediate value. You won't need to be an expert in a vast array of technologies to deliver sophisticated solutions. Focus on solving the problem and let APEX take care of the rest.

2. Overview and Objective of the Assignment

Oracle Application Express (APEX) Training will provide Capacity Building of existing key resources to discover how to develop database-centric web applications. The skills that you will gain through interactive learning, which includes hands-on exercises on Live Oracle Application Express (APEX). In addition, trained resource will be able to develop Web Based Application (Responsive, RAD based, Interactive, Chart & Graphs based Dashboards) based on their Legacy Systems in Oracle Developer. (Forms & Reports). As audience is experienced therefore training will be treated differently & customized than regular ORACLE APEX Training.

NRSP intends to hire a certified experience professional firm/Individual consultant for carry out this training activity. Training contents are given in next bullet.

3. Training Content
Below are the proposed training contents and should be used as a reference.

a. Introduction
- Introducing to Oracle Application Express.
- Comparison between ORACLE Legacy Development IDEs & ORACLE APEX (Native RAD)
- Log in to an Oracle Application Express Workspace

b. Creating Application, Forms and Reports
- Create and Run Database Applications using desktop and mobile interfaces
- Creating Classic, Wizard and Mobile Reports
- Using and Creating Interactive Reports
- Creating Forms with Report in Apex
- Creating Master-Detail Forms in Apex
- Creating Tabular Forms in Apex
- Creating Forms in Apex Using Wizards and Manually Understanding
- Page Rendering & Page Processing Components Required for Form in Apex

- Create Pages and Regions in an Application
- Create Page and Application Items and Buttons
- Create List of Values (dynamic/static)
- Computations in Apex
- Create Page Processes, Validations and Processes and Branches in Apex
- Adding Dynamic Actions
- Understanding Session State
- Data Loaders for Bulk data loading.
- Create Shared Components such as Tabs, Lists, and Breadcrumbs
- Manage Application Navigation
- Working with Themes, Templates and Files Creating.
- Import and Use Plug-Ins
- Creating and Editing Charts
- Adding Calendars and Trees
- Dashboard Development
- Utilizing Application Express Printing
- Extending Your Application
- Implement Security
- Validating and Debugging Your Application
- Integration with Android & iOS Apps

c. Using Files

- Uploading Images & Files
- Creating Cascading Style sheet Files Adding an Image as an Application Logo. Adding a Reference to JavaScript File

d. Dynamic Actions

- Refresh items and regions
- Invoke PL/SQL processes from browser events Retrieve data from the DB and set items values.

e. Advanced Topics
- How to use Plug-ins in the APEX applications
- PL-SQL Dynamic Content Emails and SMS in Oracle APEX Google Maps integration
- Session State Protection Checksum Authentication and Authorization Application Express Views
- Quick SQL Introduction Dynamic List of Values
- Third Party tools Integration
- Multi-Language Translation.
- Others Web Servers integration & Configurations.
- Reporting Tools like Jasper/BI Publisher

4. Training outcomes

By investing in this course, Participants would will be able:

- To create database applications using desktop and mobile interfaces.
- To enhance your application by adding various components like reports, forms, items, dynamic actions, calendars, charts, plug- ins and other shared components required in an application.
- Pack and deploy application from one environment to the other.
- Certificate of completion.

5. Deliverable

- ORACLE APEX 20 to 30 Sessions, as per requirements
- Pilot Project, Labs & Assignments
- Oracle Apex Certification Exam Material
- Zoom Meeting Recording
- Certificate to Participants
- Online Support for 1 Year after training

6. Venue:

Online Live via Microsoft Team or Zoom or any other similar method

7. Days & Time

Monday, Wednesday & Friday (03:00 PM to 05:00 PM)

8. Evaluation Criteria

The firm/consultant must have clear understanding of assignment. The proposals would be evaluated using the below criteria.

S. No.	EVALUATION CRITERIA	MAX MARKS
1.	10 Year hands on experience with Oracle, Oracle Apex	40
2.	Experience of similar trainings conducted	30
3.	Qualification of Lead Consultant	20
4.	Oracle Apex Certification	10
	Total Points	**100**

NRSP will scrutinize the proposals to determine whether it is complete, whether errors have been made in the offer, whether required technical documentation has been furnished and whether the documents have been properly signed. Offers with incorrect information or not supported by documentary evidence, wherever called for, would be summarily rejected. However, NRSP, at its sole discretion, may waive any minor non -conformity or any minor irregularity in an offer. NRSP reserves the right for such waivers and this shall be binding on all firm/consultants.

For proper scrutiny, evaluation and comparison of offers, NRSP, at its discretion, ask some or all firm/consultants for clarification of their offer. The request for such clarifications and the response will necessarily be in writing.

Firm/consultant scoring the highest technical score and financial offer within the maximum budget would be shortlisted for award.

9. Mode of Payment/Expected Outputs and Deliverables

This assignment would be based on fixed-output deliverables. Payment will be made in the shape of cross cheque in the name of firm/Individual consultant after deduction of all the applicable taxes as per law of land.

S. No.	Deliverables	Payment
01	Completion of Training	50%
02	One simple project submitted and duly checked by the instructor covering all aspects of training	20%
03	Study Materials & Oracle exams (Helping Material)	20%
04	Provision of Hard certificates from Firm/Consultant	10%

10. Requirements of Proposals

Technical and financial proposals must be submitted in separate envelops and both in one outer envelope marked as "Proposal for Apex Training" Please provide a proposal which demonstrates:

- Detailed CV
- Previous experience in Oracle APEX development
- Details of Oracle Certification with copies of certificates
- Reference and details of at least three sample websites developed in past in Oracle APEX (links to be shared in technical proposal)
- Proposed work plan
- Detailed Financial Proposal with overall cost of to be charged for the documents and deliverables of this assignment inclusive of applicable taxes.

11. Confidentiality and Proprietary Interests

The consultant shall not either during the term or after termination of the assignment, disclose any proprietary or confidential information related to the consultancy service without prior written consent.

12. Budget and Financial Proposal

The approximate budget for this complete assignment is around Rs.1,000,000/- (Rs. One million only) which includes all the applicable taxes as per law of land. Any proposal submitted above the budget would be rejected.

Note: Firm/consultant will incorporate the cost of travel, boarding and lodging of the team (if required as per work plan) in financial proposal. Applicable taxes would be deducted from payment.

13. Submission

Proposals with required documents should be submitted in sealed envelope, and must be submitted to the following address by **October 16th 2022, 3:00pm.**

Proposal for Corporate Oracle Apex training

    Administration,
    National Rural Support Programme
    7th Floor, UBL Building, Jinnah Avenue,
    Islamabad, Ph: 051-2822319.

The firm/consultants can send their complaints or grievances in connection with this RFP and its shortlisting/ finalizations to complaints@nrsp.org.pk

Proposals received after the above date and time will not be entertained. Proposals which are incomplete or note signed will also be not entertained. NRSP have the right to accept or reject any/all proposals and to discontinue or republish this RFP.