

Mahalanobis Bhawan  
164 ,GLT Road, Kolkata-108  
Date: 20/12/2013

**Tender for training on Linux and Oracle 11 g**

This office intends to organize training course on Linux and Oracle 11 g for about 18(eighteen) participants in two phases( each with 6 days duration).There will be a gap of minimum of 15 days between these two phases. The training course will be conducted at the premises of the office at 164 G.L.T. Road ,Kolkata-108. Training requirements including tentative training module are detailed in the Annexure-1. Sealed tenders are invited from reputed and interested institutes for providing the aforesaid training.

2. The sealed tenders must be super scribed as “Tender for Linux and Oracle Training” and addressed to the Joint Director & Head of Office and must include the following:

- i. A sealed envelope containing technical bid as per Annexure-2. The envelope must be super scribed as “Technical Bid for Linux and Oracle Training”
- ii. A separate sealed cover containing financial bid in the format given in Annexure-4 .The envelope must be super scribed as “Financial Bids for Linux and Oracle Training”
- iii. A bid security (EMD) of ₹ 2000 (₹ Two Thousand only) in the form of a Demand Draft drawn in favour of Pay and Account Office, Ministry of Statistics ,kolkata . If the institute is exempted from submitting bid security in Government tendering, document(s) in support thereof must be attached.
- iv. Performance Security Deposit of ₹. 10000/- (₹. Ten Thousand)only will be submitted by the successful bidder within 7 days of work order ,in form of Bank Guarantee or Demand Draft in favour of Pay and Account Office, Ministry of Statistics ,Kolkata.

3. The bid security of the unsuccessful bidders will be refunded as early as possible after finalization of the tender. Bid security of the successful bidder shall be refunded on receipt of the performance security. If the selected bidder fails to complete the prescribed task, his/her performance security shall be forfeited. Performance security will have to be deposited by the selected Bidder irrespective of the fact whether or not it is exempted from depositing the bid security.

4. Last Date of Submission of tender is 13.12.2013 by 1400 HRS. Tenders received after the scheduled Date & time will not be considered.

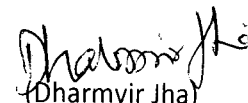
5. Technical bids will be opened on the same day i.e. 13.12.2013 at 1430 HRS. Financial bids of only those institutes whose technical bids are accepted will be considered and will be opened at 1530 HRS on 20.12.2013 in presence of the representative of the firm , if desires so.

6. Payment will be made only after successful completion of the training.

7. This office reserves all the rights to reject any or all of the bids without assigning any reasons thereof.

8. For any clarification undersigned may be contacted between 1200 HRS to 1330 HRS on any working days from Monday to Friday.

Yours faithfully,

  
(Dharmvir Jha)

Joint Director & Head of Office  
Telephone: 033-25786474

**Training requirements for the training course:**

1. The following facilities are to be provided for both phases of the training courses:
  - 1.1 Training kit to each of the participants including handouts, related books and other training material.
2. Module and duration:
  - 2.1 Training: Phase 1
    - a. Duration: 6 days, 8 hours per day (09:30: 5:30) with three breaks- 2 breaks of 15 minutes each for tea and a break of half an hour for lunch
    - b. No. of Participants: about 18.
    - c. Training Modules as module

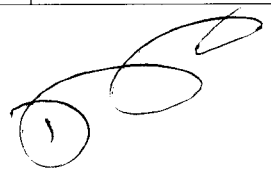
| Topic   | Duration (in no. of days) |
|---|---------------------------|
| <b>Module – 1. SQL &amp; Database Fundamentals</b> <ol style="list-style-type: none"> <li>i. Introduction to Database</li> <li>ii. DDL &amp; DML</li> <li>iii. Writing SQL statements</li> <li>iv. Using the Oracle SQL Developer Environment</li> <li>v. Creating &amp; Managing Tables</li> <li>vi. Restricting Data</li> <li>vii. Sorting Data</li> <li>viii. SQL Functions</li> <li>ix. Conditional Expressions</li> <li>x. Aggregating Data Using Group Functions</li> <li>xi. Displaying Data From Multiple Tables</li> <li>xii. Using Sub Queries</li> <li>xiii. Inserting, Updating &amp; Deleting Data</li> <li>xiv. SQL Joins, Procedures &amp; Triggers</li> <li>xv. Database Transactions</li> </ol>  | 3                         |
| <b>Module – 4. RED HAT LINUX 5</b> <ol style="list-style-type: none"> <li>1) History of Linux (GNU/LINUX) GNU General Public License</li> <li>2) Basic Linux commands:           <ol style="list-style-type: none"> <li>(a) Basic file commands: ls, man, cd, mkdir, cat, cp, mv, rm, rmdir, pwd.</li> <li>(b) Basic display commands: less, head, tail, more</li> <li>(c) File Permission: chmod, chown, chgrp</li> <li>(d) Process and job control commands: ps, kill</li> <li>(e) Disk space commands: du, df</li> <li>(f) Redirection and piping commands</li> </ol> </li> <li>3) File System Hierarchy Standard / Details FSTAB: regular files, directory files, device files, fgrep, find, locate, wc, sort, uniq, cmp, diff etc.</li> <li>4) File compress/uncompress commands: gzip, zip, unzip etc.</li> <li>5) Backup Commands: tar, cpio, dd etc.</li> <li>6) Shell Scripting and programming</li> <li>7) User and Group Administration</li> <li>8) Networking: ifconfig, sftp, telnet, netstat, ping, tcpdump, SAMBA, VFSTPD, XINETD, open SSH etc.</li> <li>9) File editing: vi, vim etc.</li> <li>10) System Management: rpm for package management, cron, logging, volume management etc.</li> </ol> | 3                         |

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ii. Phase 2

- a. Duration: 6 days, 8 hours per day (09:30: 5:30) with three breaks- 2 breaks of 15 minutes each for tea and a break of half an hour for lunch
- b.No. of participants: about 18
- c. Training Modules as under

| Topic  | Duration (in no. of days) |
|--|---------------------------|
| <p><b>Module – 2. PL/SQL</b></p> <ul style="list-style-type: none"> <li>i. PL/SQL Basics</li> <li>ii. PL/SQL structures, Error checking – exception handling</li> <li>iii. Boolean logic in PL/SQL</li> <li>iv. Cursors, tables and Iteration in PL/SQL</li> <li>v. Dynamic SQL in PL/SQL</li> <li>vi. Nested blocks in PL/SQL</li> <li>vii. Triggers in PL/SQL</li> <li>viii. Stored procedures, functions and packages</li> <li>ix. Bulking in PL/SQL</li> </ul>   | 2                         |
| <p><b>Module – 3. Oracle Database Administration (Oracle 11g)</b></p> <ul style="list-style-type: none"> <li>i. Installing the Oracle Database Software on Windows &amp; Linux</li> <li>ii. Creating an Oracle Database</li> <li>iii. Managing the Oracle Instance</li> <li>iv. Managing Database Storage Structures</li> <li>v. Administering User Security</li> <li>vi. Managing Scheme Objects</li> <li>vii. Managing Data and Concurrency</li> <li>viii. Managing Undo Data</li> <li>ix. Implementing Oracle Database Security</li> <li>x. Configuring the Oracle Network Environment</li> <li>xi. Proactive Maintenance</li> <li>xii. Performance Management</li> <li>xiii. Backup and Recovery Concepts</li> <li>xiv. Performing Database Backups</li> <li>xv. Configuring Recovery Manager</li> <li>xvi. Using Recovery Manager</li> <li>xvii. Oracle Secure Backup</li> <li>xviii. Recovering from Non-critical Losses</li> <li>xix. Incomplete Recovery</li> <li>xx. Flashback</li> <li>xxi. Dealing with Database Corruption</li> <li>xxii. Monitoring and Managing Memory</li> <li>xxiii. Automatic Performance Management</li> <li>xxiv. Monitoring and Managing Storage – I</li> <li>xxv. Monitoring and Managing Storage – II</li> <li>xxvi. Automatic Storage Management</li> <li>xxvii. VLDB Support</li> <li>xxviii. Managing Resources</li> <li>xxix. Automating Tasks with the Schedules</li> <li>xxx. Database Security</li> <li>xxxi. Data Movement using SQL * Loader</li> <li>xxxii. Using Globalization Support</li> </ul> | 4                         |



**Technical bid for providing training on Linux and Oracle 11g****1.Details of the institute:**

- (i) Name and address of the institute:
- (ii) Name of the contact person:
- (iii) Telephone No./Fax No:
- (iv) E-mail address:
- (v) Service Tax Registration No.(Photocopy to be enclosed):
- (vi) Profile of the institute:

(Please mention details regarding establishment e.g. No. of branches, No. of faculty members in the particular branch submitting the bid, turn over for last 3 years, business activities and accreditation, if any, etc.)

- (vii) Whether EMD/ Security deposit forfeited in any Govt Department Tender:  
Yes/No

(viii) If "No" in above (vii), please enclose a certificate in the format as given in Annexure-3.

2. Name and Educational Qualification of faculty members providing Training separately for Linux and Oracle 11g.

**3. Experience:**

(i) Whether provided Linux and Oracle Training to the National Sample Survey Office, Data Processing Division / other Govt offices in last three years: Yes/No

(ii) Experience of the institute in imparting Linux and Oracle Training to Govt/Private Offices during the last three years and so i.e. from January, 2010 to October, 2012. Courses organized for individual participants may also be mentioned:(copy of work order to be enclosed)

| S.No | Year | Name of the client organizations | Name of the Courses | No. and level of trainees | Duration |
|------|------|----------------------------------|---------------------|---------------------------|----------|
| 1.   |      |                                  |                     |                           |          |
| 2.   |      |                                  |                     |                           |          |
| 3.   |      |                                  |                     |                           |          |
| ...  |      |                                  |                     |                           |          |
| ...  |      |                                  |                     |                           |          |

4. Whether received any ISO certificate ? If yes ,give detail.

5. Training materials to be supplied.

I/We hereby declare that the information furnished above is true & correct.

Place:

(Name & Signature of the/Proprietor or Authorized Representative with seal of the institute)

Date:



**EMD/Security deposit not forfeited certificate**

I .....on behalf of .....(Name of the Institute) declare that the Institute is not black listed in any Government of India Tenders in any state and EMD/ Security of the institute is not forfeited in any Government Department Tender.

(Name & Signature of the Proprietor or Authorized Representative with seal of institute)

Place:

Date:

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**Annexure 4**

**Financial bid for Training**

**1. Details of the institute:**

- (a) Name and address of the institution:
- (b) Name of contact person:
- (c) Telephone No./Fax No:
- (d) E-mail address:

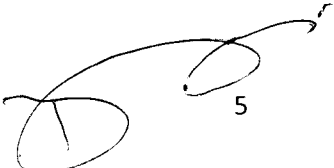
**2.Price Schedule:**

| Training Course                                | Total amount (₹) to be charged for each participant(including all kinds of taxes) covering all the requirements mentioned in the Annexure- 1 |
|--|--|
| <b><u>training on Linux and Oracle 11g</u></b> |  |

(Name & Signature of the Proprietor or Authorized Representative with seal of institute)

Place:

Date:



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