

### REQUEST FOR PROPOSAL FOR SECURITY AND PERFORMANCE AUDIT OF

PUBLIC FACING APPLICATIONS (Document Reference No: NISM/ICT/RFP/03/2015-16)

NISM Bhavan, Plot No.: 82, Sector – 17, Vashi,

Navi Mumbai : 400703 Tel : 022-66735100-05, Fax : 022-66735110 Web : www.nism.ac.in

REQUEST FOR PROPOSAL FOR SECURITY AND PERFORMANCE AUDIT OF PUBLIC FACING APPLICATIONS

(Document Reference No: NISM/ICT/RFP/03/2015-16)

#### 1. INTRODUCTION

National Institute of Securities Markets (NISM) is a public trust established by SEBI with the objective of enhancing the quality of securities market in the country through knowledge-based interventions. NISM conducts various on-line certification examinations for market intermediaries using System for NISM Certifications (SYNC) and conducts Continuing Professional Education Programs using Online CPE Registration and Enrolment System (OCRES). While, currently, these systems are running smoothly, NISM intends to look into the possibility of further improvement. Therefore, NISM intends to conduct an audit of security and performance aspects of the system & network architecture, database, application design and code efficiency.

#### 2. SUBMISSION OF PROPOSALS

The proposal must be prepared covering the following information and submitted to NISM at the address contained herein on or before the closing date specified in <u>section 10</u> of this document. Please refer the checklist given in <u>section 2.2</u> to ensure that submissions have all the required items.

#### 2.1 Proposal Format

The proposal will be submitted in three separate sealed envelopes. The first sealed envelope will contain the EMD as indicated in Section-2.2 and the envelope will be super scribed as "EMD for Security and Performance Auditing of SYNC, OCRES and Skills Registry (Document Reference No.: NISM/ICT/RFP/03/2015-16)". The second sealed envelope will contain the documents as stated in Section-2.2 and the envelope will be super scribed as "Eligibility for Security and Performance Auditing of SYNC, OCRES and Skills Registry (Document Reference No.: NISM/ICT/RFP/03/2015-16)". The third sealed envelope will contain the price bid as stated in Annexure-E and the envelope will be super scribed as "Financial bid for Security and Performance Auditing OCRES and Skills Registry (Document SYNC, Reference NISM/ICT/RFP/03/2015-16). The three separate sealed envelopes should be put together in another sealed main envelope super scribing it as "Proposal for Security and Performance Auditing of SYNC, OCRES and Skills Registry (Document Reference No. : NISM/ICT/RFP/03/2015-16)". Please note that the Eligibility Proposal must not contain cost figures of the proposed products and services. If the cost figures are mentioned anywhere in the Eligibility Proposal, the proposal will be disqualified and

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will not be evaluated. The proposal must be unconditional. Condition if any should be indicated in eligibility proposal only.

#### 2.2 Checklist of Proposal Content

The bidders are advised to carefully take note of the following table to ensure proper submission of proposal complete in all respects.

#### Checklist of items to be submitted in Envelope-1

| # | Items                               |  |
|---|-------------------------------------|--|
| 1 | EMD (see Section -2.3 for details). |  |

#### Checklist of items to be submitted in Envelope-2

| # | Items  |  |  |  |
|---|--|--|--|--|
| 1 | Cover letter as stated in Annexure-A.  |  |  |  |
| 2 | Confirmation regarding scope of work as stated in Annexure-B (also see Section – |  |  |  |
|   | 6.3).  |  |  |  |
| 3 | Letter of commitment to delivery schedule as per the format given in Annexure-   |  |  |  |
|   | C.   |  |  |  |
| 4 | CVs of proposed resources as per the format given in Annexure-D.                 |  |  |  |
| 5 | Company profile in the format as given in Annexure -F.                           |  |  |  |
| 6 | Purchase Orders and Completion Certificates as stated in Section 6.1.            |  |  |  |
| 7 | Copy of audited balance sheets as stated in Section 6.2.                         |  |  |  |

#### Checklist of items to be submitted in Envelope-3

| # | Items  |
|---|--|
| 1 | Price-bid in the format as given in Annexure -E. |

#### 2.3 Earnest Money Deposit (EMD)

- All bidders will provide an EMD of Rs. 12,000.00 by Demand Draft/Bankers Cheque/Pay Order drawn on any bank in Mumbai in favor of "National Institute of Securities Markets". Cheques for EMD will not be accepted and bids accompanying cheques or without EMD will stand rejected.
- The bidder must write the name of the company and the RFP Document Reference Number at the back of EMD Demand Draft/Bankers Cheque/Pay Order.
- The EMD will be placed in envelope-1 and submitted to NISM as indicated in Section-2.1.

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- The EMD shall stand absolutely forfeited if the bidder revokes his bid during the period he is required to keep his bid open for acceptance by the institute.
- The EMD will be released to the unsuccessful bidders soon after the tender is awarded.
- The EMD will not bear any interest.
- Bids not accompanied by EMD will be rejected.
- The EMD of the successful bidder will be released soon after receipt of The Performance Bank Guarantee in accordance with the condition stated in Section 7.
- EMD of the successful bidder will be forfeited if the project does not kick off within 30 days from the date of issuance of Purchase Order.

#### 2.4 Other Information

- Suppliers are required to quote for all items mentioned in Section-3 of this document. Please note that the proposals from suppliers not bidding for all items as requested in section-3 will be rejected.
- The suppliers are advised to study all technical and commercial aspects, instructions, forms, terms and specifications in the RFP carefully. Failure to furnish all information required in the bid or submission of a bid not substantially responsive to the RFP in every respect will be at the supplier's risk and may result in rejection of the bid.
- The bids not submitted in the prescribed format or incomplete in any manner are likely to be rejected.
- NISM is not responsible for non-receipt of Proposals within the specified due date due to any reason including postal delay or holidays.
- The prices quoted shall be in Indian Rupees only.
- Submission will be valid only if
- It is received on or before the closing date and time as stated in <u>Section-10</u> of this document.
- o The submission is not by Fax or Email.
- Only one response to this RFP from each bidder will be permitted. In case of partnerships/consortium, only one submission is permitted through the lead bidder.
- All expenses incurred towards the preparation and submission of the Proposals by the bidder will be entirely borne by bidder themselves.
- NISM reserves the right to reduce or increase the scope of this RFP or cancel this RFP without stating any reasons whatsoever.

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- NISM reserves the right to accept or reject any proposal and to annul the bidding process and reject all proposals at any time prior to award of the contract/purchase order, without thereby incurring any liability towards the affected supplier(s) or any obligation to inform the affected supplier(s) of the grounds for NISM's action.
- The proposal must be unconditional. Condition if any should be indicated in eligibility proposal only.

#### 2.5 Contact Details

a) The Proposals must be submitted in the sealed envelopes as mentioned above to the following officer:

Mr. Narayana Maddala

Senior Vice president,

National Institute of Securities Markets,

5th Floor, NISM Bhavan, Plot No. 82,

Sector – 17, Vashi, Navi Mumbai – 400 703.

b) For any clarifications/queries contact the following person:

Mr. Amol Athavale,

Manager -IT,

National Institute of Securities Markets,

5th Floor, NISM Bhavan, Plot No. 82,

Sector - 17, Vashi, Navi Mumbai - 400 703.

Email: amol.athavale@nism.ac.in, Contact Tel.: 022-66735130.

#### 3. SCOPE OF WORK

The supplier is required to conduct security and performance audit of the systems mentioned in Section – 1. The detailed scope of works is as follows:

#### 3.1 Auditing Services

NISM Bhavan, Plot No 82, Sector 17, Vashi, Navi Mumbai-400 703 Tel: 022 66735100 / Fax: 66735110 / Web: <u>www.nism.ac.in</u> Page **5** of **24** 

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#### 3.1.1 Hosting Platform Audit

#### 3.1.1.1 Network Vulnerabilities

- Firewall
- Load Balancer
- Internal active network devices (routers, switches)

#### 3.1.1.2 Operating System Vulnerabilities

• OS Hardening

#### 3.1.1.3 Server Hardening

- Services
- Protocols
- Ports and any other

#### 3.1.1.4 Database Testing

- Attack coming from internal and external users
- Database hardening and security
- SQL Injection

#### 3.1.1.5 Vulnerabilities at NISM Bhavan

- IT Administrators
- Back office users
- Wi-fi network
- Desktop VAPT
- TPSL (Only PCI DSS compliance to be checked)

#### 3.1.2 Application Audit

This covers auditing of the following applications from the perspective of resilience to security threats, code efficiency and performance. All these applications are web based. The backend database is SQL Server and the development tool used is ASP .net (Visual Studio).

#### • System for NISM Certification (SYNC)

System for NISM Certifications (SYNC) is an application where securities markets intermediaries appear for examination for various certifications at different test centres across the country.

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#### • Online CPE Registration and Enrolment System (OCRES)

The certificates issued to market intermediaries have a validity period of three years. The candidates holding these certificates have to appear for Continuing Professional Education (CPE) programme prior to expiry of the certificate. On successful completion of CPE programme, the certificate will be revalidated for a further period of three years. The candidates can attend CPE programme anytime one year prior to expiry of certificate. The entire process of registration, enrolment, attendance and issuance of certificate for CPE programs is completely automated through the above mentioned system i.e. OCRES.

#### Skills Registry

This application provides a facility to members of public to verify certifications obtained by candidates for examinations mandated by SEBI and conducted by NISM and other Test Administrators.

#### 3.1.2.1 Security Threats

Check for the following OWASP Top Ten vulnerabilities:

- Injection:
- o OS
- o SQL
- LDAP
- Broken Authentication and Session Management:
- Authentication
- Session management
- Passwords
- Session Tokens
- **Cross-Site Scripting (XSS):** Scripts in the web application's browser interface which can hijack:
- User sessions,
- Deface web sites,
- Redirect the user to malicious sites and
- o Others.
- **Insecure Direct Object References:** A direct object reference occurs when a developer exposes a reference to an internal implementation object, such as:
- o File
- Directory
- Database key

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- **Sensitive Data Exposure**: Protection of sensitive data, such as:
- o Credit cards
- o Tax IDs
- Authentication credentials.
- Missing Function Level Access Control: Verification at all application tiers.
- Cross-Site Request Forgery (CSRF): Forged HTTP requests, including the user's session cookie and any other automatically included authentication information, to the web application.
- **Unvalidated Redirects and Forwards**: Redirection of users to phishing or malware sites, or use forwards to access unauthorized pages.
- Any other known and applicable vulnerability (RFI, LFI, etc.).

#### 3.1.2.2 Code Review

- Database design review (in terms of the normalization, object relationships and indexing)
- Application Architecture as a whole
- ASP .NET code
- DLL
- File system
- Scripting

#### 3.1.2.3 Performance Testing

- Load Testing using de-facto industry standard tools.
- Coding practices at development center.
- Input validation.

#### 3.2 Resource Requirements

The bidder is required to propose the following resources for conducting the audit. The CVs of the proposed resources in the format as mentioned in Annexure-D must be enclosed in the technical proposal (envelope 2). All Project Implementation resources (as indicated in the table below) are required to be deployed in accordance with the agreed "Project Plan".

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| # | Resource                    | Description  | Qualification   | Experience   | Duration                               |
|---|-----------------------------|--|---|--|--|
| # |                             | Description  | Qualification   | Experience   | Duration                               |
| 1 | Project<br>Co-<br>Ordinator | <ul> <li>Defining the activities for subordinates Developer or System Administrator with auditing experience.</li> <li>Audit Planning.</li> <li>Resource planning and coordination.</li> <li>Preparing the status report of auditing activities.</li> <li>Required Interactions with stake holders including NISM.</li> <li>Weekly project reviews with NISM and progress monitoring.</li> </ul> | Well trained in project management techniques   | Must have at least four years intensive IT project management experience.     The experience must include preferably management of security and performance audits of one large sized web based applications.            | From inception until project sign off. |
| 2 | Developer                   | <ul> <li>To understand all application documentation and imbibe the intricacies.</li> <li>Carry out Auditing as per the industry standards and inline with the scope of this RFP.</li> <li>Prepare all</li> </ul>  | • B.E., B.Tech., M.Tech. or B.Sc. in Computer Science/ Information Technology/ Computer Application/ Electronics and Telecomm- unications | <ul> <li>At least eight years application development experience strictly in the following areas:</li> <li>ASP, dot net, C# and VB</li> <li>MS-SQL Scripting</li> <li>Should have strong software development</li> </ul> |  |

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|                  |              | -                       | D C: :             | -                     |  |
|------------------|--------------|-------------------------|--------------------|-----------------------|--|
|                  |              | reports related         | _                  | background with       |  |
|                  |              | to the audit.           | in web based       | very good             |  |
|                  |              |                         | application        | understanding of      |  |
|                  |              |                         | security           | writing efficient     |  |
|                  |              |                         | auditing.          | programs.             |  |
|                  |              |                         | Proficiency        | 1 0                   |  |
|                  |              |                         | in                 |                       |  |
|                  |              |                         | performing         |                       |  |
|                  |              |                         | code and           |                       |  |
|                  |              |                         |                    |                       |  |
|                  |              |                         | architecture       |                       |  |
|                  | T ( )        | m 1 . 1                 | reviews.           | 1.1                   |  |
| 3                | Infrastruc-  | • To understand         | • B.E., B.Tech.,   | • At least four years |  |
|                  | ture         | the hosting             |                    | 1                     |  |
|                  | Auditor      | infrastructure          | B.Sc. in           |                       |  |
|                  |              | mentioned in            | 1                  | of IT                 |  |
|                  |              | section <b>-</b> 3.1.1. | Science/           | Infrastructure        |  |
|                  |              | • Carry out             | Information        | similar to what is    |  |
|                  |              | Auditing as per         | Technology/        | mentioned in          |  |
|                  |              | the industry            | Computer           | section – 3.1.1.      |  |
|                  |              | standards on the        | Application/       | • Should have         |  |
|                  |              | infrastructure          | Electronics        | system and            |  |
| elements         |              | and                     | network            |                       |  |
| mentioned in     |              | Telecomm-               | administration     |                       |  |
| section – 3.1.1. |              | unications              | background with    |                       |  |
|                  |              | Proficiency             | very good          |                       |  |
| reports related  |              | in system               | understanding of   |                       |  |
| to the audit.    |              | and network             | <u> </u>           |                       |  |
| to the audit.    |              |                         | performance        |                       |  |
| 4                |              |                         | testing and        | tuning and            |  |
|                  |              |                         | the database       | network security.     |  |
|                  |              |                         | management         |                       |  |
|                  |              |                         | system             |                       |  |
|                  |              |                         | required           |                       |  |
| 4.               | Ethical      | • To perform            | • B.E., B.Tech.,   |                       |  |
|                  | Hacker       | extensive               | M.Tech. or         | (Certified ethical    |  |
|                  |              | auditing of             | B.Sc. in           | hacker) certificate.  |  |
|                  | information  |                         | Computer           | • Minimum Four        |  |
|                  | security and |                         | Science/           | years experience      |  |
|                  | control.     |                         | Information        | in information        |  |
| • To provide     |              | Technology/             |                    |                       |  |
|                  |              | required inputs         | Computer controls. |                       |  |
|                  |              | _                       | _                  | • Assessments-        |  |
|                  |              |                         | Application/       | • Assessments-        |  |

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|  | report       | Electronics                     | Network, Host,     |  |
|--|--------------|---------------------------------|--------------------|--|
|  | accordingly. | and                             | Applications.      |  |
|  |              | Telecomm-                       | Strong knowledge   |  |
|  |              | unications                      | on ethical         |  |
|  |              | <ul> <li>Proficiency</li> </ul> | hacking,           |  |
|  |              | in Cyber                        | computer           |  |
|  |              | Security                        | forensics, network |  |
|  |              |                                 | exploitation,      |  |
|  |              |                                 | penetration        |  |
|  |              |                                 | testing and tool   |  |
|  |              |                                 | development.       |  |
|  |              |                                 |                    |  |

# 4. DELIVERY OF AUDIT REPORTS AND PROJECT SIGN OFF

The chosen bidder will be expected to conduct security and performance audit of SYNC, OCRES and Skills Registry as mentioned in the scope of work under Section-3.1 of the RFP and obtain project sign off from NISM <u>within 7 weeks from the date of issuance of Purchase Order</u>.

The suppliers must submit duly signed letter of commitment to the auditing lead time as provided in Annexure-C. This letter must be submitted in envelope-2.

#### **Deliverables**

#### a) Platform Audit Report

This report must cover all the subsections under section 3.1.1 on Hosting Platform Audit.

#### b) Application Audit Report

This report must cover all the subsections under section 3.1.2 on Application Audit.

#### 5. PRICE VALIDITY PERIOD

The quoted prices for the audit will remain valid for a period of 4 months from the date of closure of this RFP.

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#### 6. ELIGIBILITY CRITERIA

The Company/Bidder/Lead Bidder (in case of a consortium) must meet the following criteria. The proposals of the bidders not meeting these criteria will be rejected. NISM may ask for supplementary information or additional documents as necessary by email only to address inadequacy of information to develop more clarity at the time of eligibility assessment of each bidder within 10 days from the date of opening of envelopes containing EMD (Envelope-1) and eligibility information (Envelope-2). NISM is not responsible for any delay in receiving responses or non-receipt of any response from the bidders to such requests. All email correspondence will be addressed to email id mentioned under Section 2.5 (b).

#### 6.1. Experience

Should have minimum of 5 years (ending August, 2015) of experience in security and performance auditing of web-based applications (with SQL Server as backend and ASP .net as the development tool) at either of the following scales:

I. Should have executed three orders of the same nature of work as mentioned in this RFP, each order not less than Rs. 1,79,000.00.

OR

II. Should have executed two orders of same nature, each order value not less than Rs. 2,99,000.00.

OR

III. Should have executed one order of same nature not less than Rs. 4,78,000.00.

The Bidder/Lead Bidder (in case of a consortium) must enclose copies of Purchase Orders and respective Completion Certificates in support of the above. In case of a Lead Bidder, the Purchase Orders must be in the name of the Lead Bidder. This should be submitted in envelope-2 as stated in Section-2.2.

#### 6.2. Company Turnover

The company must have a minimum turnover of Rs. 35,00,000.00 per annum for the FY 2013-14, FY 2012-13 and FY 2011-12 (Please note that the turnover of **each year** is expected to be a minimum of Rs. 35,00,000.00).

The Bidder/Lead Bidder (in case of a consortium) must enclose copies of Audited Company Balance sheet (along with Profit & Loss Account Statement) for the said

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financial years. In case of a Lead Bidder, the Balance Sheet & Profit and Loss Account Statements must be that of the Lead Bidder Company. This should be submitted in envelope-2 as stated in <u>Section-2.2</u>.

#### 6.3. Scope of Work Confirmation

Bidder/Lead Bidder (in case of a consortium) will provide confirmation regarding scope of work to be executed in the format as stated in <u>Annexure-B</u> along with all supporting documents as requested in Annexure-B.

All the information pertaining to Section 6.1 to 6.3 will be submitted in Envelope-2 as mentioned in Section-2.2.

#### 7. PERFORMANCE BANK GUARANTEE (PBG)

The selected supplier will be required to submit a Bank Guarantee of 10% of the Bid Price (inclusive of applicable taxes) covering the scope of work as stated in Section-3. The Bank Guarantee will be submitted by the selected supplier within a week of issuance of the Purchase Order without fail. The Bank Guarantee will be drawn on a reputed bank located in Mumbai or Navi Mumbai. The Bank Guarantee will be valid for a period of 4 months from the date of issuance of the Purchase Order or until project sign off whichever is longer. The bank guarantee will be promptly extended by the supplier (if required) by a suitable period in line with the above mentioned validity period. The bank guarantee from Cooperative Banks will not be acceptable. The Performance Bank Guarantee shall be forfeited if the work is not completed as per the required schedule and specification or amount may be adjusted towards liquidated damages and the balance amount will be paid.

#### 8. FINANCIAL BID

The financial bid will be submitted as per the format given in Annexure-E in envelope-3.

#### 9. EVALUATION OF PROPOSALS

#### 9.1. Evaluation Process

The evaluation process will be as follows:

 Envelope-1 containing EMD will be opened first. If the EMD is found to be in order as per the terms stated in <u>Section-2.3</u> then the second envelope of the bidder will be opened.

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- II. The Eligibility Information of all those bidders whose EMD is found to be in order will be checked against the eligibility criteria stated in <u>Section-</u>6 for compliance.
- III. The Financial Proposals of only those bidders who meet the eligibility criteria will be opened and evaluated by the evaluation committee of NISM.
- IV. The tender will be awarded to the bidder who has submitted the lowest, valid and unconditional price bid.

All decisions made by the Evaluation Committee of NISM during the evaluation process will be final and binding on all bidders.

#### 9.2. Notification to Unsuccessful Bidders

Unsuccessful bidders will be notified by email. Any queries regarding an unsuccessful proposal should be mailed to the contact address mentioned in Section-2.5(b) of this document.

#### 10.IMPORTANT DATES

- Date of Issuance of RFP: 11th September 2015.
- Pre-bid meeting to seek clarifications regarding the RFP: 22<sup>nd</sup> September, 16:00 Hrs. The pre-bid meeting with all prospective bidders shall be held in the Board Room, 5<sup>th</sup> floor, NISM Bhavan, plot no: 82, Sector-17, Vashi, Navi Mumbai. Only two representatives of each bidder is requested to attend the meeting.
- Date and Time of submission of duly filled and sealed proposal: 6th October 2015 at 17:30 hrs
- The envelopes containing EMD and Eligibility Information will be opened on 7<sup>th</sup> October 2015 at 16:00 hrs in the board room, 5<sup>th</sup> floor, NISM Bhavan, Vashi, Navi Mumbai.
- The proposals of the eligible bidders will be opened on 19th October 2015 at 16:00 hrs in the conference room, 5th floor, NISM Bhavan, Vashi, Navi Mumbai.

#### 11. PAYMENT PLAN

- 50% of the bid price (inclusive of applicable taxes) will be paid on delivery of the two draft reports as mentioned in Section 4 complete in all respects.
- The remaining 50% of the bid price (inclusive of all applicable taxes) will be paid only after the project sign off in accordance with the process followed by NISM.

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#### 12. SIGNING OF PROPOSALS

The proposal shall be typed or written in ink and shall be signed (on the cover letter) by a person or persons duly authorized by the supplier to bind the supplier to the contract. All pages of the proposal, except unamended literature, shall be initialed by the person or persons signing the proposal. The proposal shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the supplier, in which case such corrections shall be initialed by the person or persons signing the proposal.

#### 13. REVIEW OF DELIVERABLES

The reports mentioned in section-4 will be developed to the satisfaction of NISM.

The project team from NISM will review the reports and provide the feedback. The reports will be taken through an approval process for sign off. The sign off of each deliverable and also the complete project sign off will be in accordance with the process followed by NISM.

#### 14. PENALTY FOR DELAY

The supplier must strictly adhere to do security and performance audit given in Section-3. The supplier shall have to pay penalty to NISM @ One percent (1%) per week on the value of the purchase order inclusive of all taxes, duties levies etc. per week for late delivery. There shall be an upper limit of 10% of the gross amount (i.e. total order value) for the penalty to be deducted. The applicable penalty will be deducted from the amounts due for payment. In case of delay beyond 5 weeks from the stipulated project sign off date, NISM reserves the right to terminate the contract by recovering the penalty. Delays will be declared at the end of each deliverable. The reconciliation of accumulated delays will be carried out upon project sign off and penalty will be levied as stated above.

#### 15. INDEMNITY

The supplier shall indemnify, protect and save NISM against all claims, losses, costs, damages, expenses, action suits and other proceedings resulting from infringements in respect of all the reports submitted to NISM.

#### 16. ARBITRATION

In the event of a dispute or difference of any nature whatsoever between NISM and the supplier during the course of assignment arising as a result of this RFP, the same shall

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be referred for arbitration to the panel of arbitrators. The panel shall be constituted prior to commencement of arbitration and shall comprise of two arbitrators and an umpire. NISM and the supplier shall each nominate an arbitrator to the panel and these arbitrators shall appoint an umpire. Arbitration shall be carried out at NISM office in Navi Mumbai and as per extant laws.

#### 17. JURISDICTION

The jurisdiction for the purpose of settlement of any dispute of differences whatsoever in respect of or relating to or arising out of or in any way touching the works awarded or the terms and conditions thereof shall be that of the appropriate court in Mumbai. The jurisdiction of any other court in any place other than Mumbai is specifically excluded.

### **18. FORCE MAJEURE**

Should either party be prevented from performing any of its obligations under this RFP by reason of any cause beyond its reasonable control, the time for performance shall be extended until the operation or such cause has ceased, provided the affected party gives prompt notice to the other of any such factors or inability to perform, resumes performance as soon as such factors disappear or are circumvented. If under this clause either party is excused of performance of any obligation for a continuous period of 90 days, then the other party may at any time hereafter while such performance continuous to be excused, terminate this agreement without liability, by notice in writing to the other. In all such cases NISM's decision shall be final and binding on all concerned.

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#### **ANNEXURE A**

(This will be part of proposal and will be submitted in evelope-2)

| Date:  |
|--|
| To,  |
| National Institute of Securities Markets,  |
| NISM Bhavan,   |
| Plot No: 82, Sector – 17, Vashi, Navi Mumbai – 400703.   |
| Dear Sir/Madam,  |
| Subject: Response to the Request for Proposal for Security and Performance Auditing  |
| of SYNC, OCRES and Skills Registry (Document Reference No  |
| NISM/ICT/RFP/03/2015-16)   |
| <ol> <li>Having examined the Request for Proposals including Annexures, the receipt of which is hereby duly acknowledged, we, the undersigned offer to carry out Security and Performance Audit of SYNC, OCRES and Skills Registry in accordance with the scope of work as stated Section-3 of the RFP within the cost stated in the proposal.</li> <li>If our proposal is accepted, we undertake to abide by all terms and conditions of this RFI and also to comply with the delivery schedule as mentioned in the RFP.</li> <li>We certify that we have provided all the information requested by NISM in the requested format. We also understand that NISM has the right to reject this offer if NISM finds that the required information is not provided or is provided in a different format not suitable for evaluation process for any other reason as it deems fit. NISM's decision shall be final and binding on us.</li> </ol> |
| Thank you.   |
| Yours faithfully,  |
| Signature of the Authorized Signatory of Company Name:, Designation:   |
| Contact no (mobile):, Email Id:  |
| Company Seal:  |
| (This letter should be typed on the letterhead of the Company and must be signed by the Authorized Signatory of the Company/Lead Company of the Consortium.).  |

### $Ni\delta M$ national institute of securities markets

REQUEST FOR PROPOSAL FOR SECURITY AND PERFORMANCE AUDIT OF PUBLIC FACING APPLICATIONS

(Document Reference No: NISM/ICT/RFP/03/2015-16)

#### **ANNEXURE B**

### **Confirmation of Scope of Work**

(Fill in <u>all</u> blanks as appropriate)

(Also read Section-3 of the RFP before filling the following form. The duly filled form must be submitted in envelope-2)

| 1. | COMPANY NAME:   |              |
|----|-----------------|--------------|
| 2. | ADDRESS:        |              |
|    |                 |              |
| 3. | CONTACT PERSON: |              |
| 4. | PHONE NUMBER:   |              |
| 5. | EMAIL:          | 6. WEB SITE: |

(NOTE: You may attach the brochures providing more details of the product and services)

| Sr. | Scope  | Specify "Yes" or "No" |
|-----|--|-----------------------|
| No. |  | -                     |
| 1.  | Hosting Platform Audit (as pe                        | r Section - 3.1.1)    |
|     | Network Vulnerabilities                              |                       |
|     | <ul> <li>Operating System Vulnerabilities</li> </ul> |                       |
|     | Server Hardening                                     |                       |
|     | Database Testing                                     |                       |
|     | IT Administrators                                    |                       |
|     | Wi-fi network  |                       |
|     | Desktop VAPT   |                       |
| 2.  | Application Audit (as per S                          | Section- 3.1.2)       |
|     | Injection  |                       |
|     | Broken Authentication and Session                    |                       |
|     | Management   |                       |
|     | <ul> <li>Cross-Site Scripting (XSS)</li> </ul>       |                       |

## REQUEST FOR PROPOSAL FOR SECURITY AND PERFORMANCE AUDIT OF PUBLIC FACING APPLICATIONS

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|    | <ul> <li>Insecure Direct Object References</li> </ul>   |                  |
|----|---|------------------|
|    | <ul> <li>Sensitive Data Exposure</li> </ul>   |                  |
|    | <ul> <li>Missing Function Level Access Control</li> </ul>   |                  |
|    | Cross-Site Request Forgery (CSRF)   |                  |
|    | Unvalidated Redirects and Forwards  |                  |
|    | <ul> <li>Any other known and applicable<br/>vulnerabilities (RFI, LFI, etc.)</li> </ul>                               |                  |
|    | Code Review   |                  |
|    | Performance Testing   |                  |
| 3. | Resource Deployment (as pe  | r Section - 3.2) |
|    | • Deployment of appropriate project management resource meeting the requirements as stated in Section – 3.2.          |                  |
|    | <ul> <li>Deployment of competent developer<br/>meeting the requirements as stated in<br/>Section – 3.2.</li> </ul>    |                  |
|    | <ul> <li>Deployment of infrastructure auditor<br/>meeting the requirements as stated in<br/>Section – 3.2.</li> </ul> |                  |
|    | • Deployment of Ethical Hacker meeting the requirements as stated in Section – 3.2.                                   |                  |

Signature of the Authorized Signatory of Company

Name:

Designation:

Contact no (mobile):

Email Id:

Company Seal:

## REQUEST FOR PROPOSAL FOR SECURITY AND PERFORMANCE AUDIT OF PUBLIC FACING APPLICATIONS

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#### **ANNEXURE C**

(This will be submitted in envelope-2)

| I  | Date:        |
|--|--------------|
| То   |              |
| Senior Vice President (ICT)  |              |
| National Institute of Securities Markets,  |              |
| NISM Bhavan,   |              |
| Plot No: 82,   |              |
| Sector – 17, Vashi,  |              |
| Navi Mumbai – 400703.  |              |
|  |              |
| Dear Sir/Madam,  | *            |
| Subject: Letter of Commitment to Delivery Lead Time for RFP No.: NISM  | 1/ICT/ RFP/  |
| 03/2015-16   | <u> </u>     |
| 00/2010 10   |              |
| We commit to the delivery lead time as stated in <u>Section -4</u> of the above me   | entioned RFP |
| Thank you.   |              |
| Yours faithfully,  |              |
| Tours faithfully,  |              |
|  |              |
|  |              |
| Signature of the Authorized person   |              |
| Name:  |              |
| Designation:   |              |
| Phone No (Mobile):   |              |
| Fax and Email Address:   |              |
| Official Seal:   |              |
| (This letter should be typed on the letterhead of the Company and must be signed by the Authorized Signatory Company/Lead Company of the Consortium) | of the       |

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## REQUEST FOR PROPOSAL FOR SECURITY AND PERFORMANCE AUDIT OF PUBLIC FACING APPLICATIONS

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#### **ANNEXURE - D**

#### **CV Format**

(Must be submitted in format given below in envelope 2)

| NA  | ME:           |                 |              |  |          |              |           |
|-----|---------------|-----------------|--------------|--|----------|--------------|-----------|
| CU  | RRENT DESIGN  | NATION:         |              |  |          |              |           |
| CU  | RRENT EMPLC   | YER:            |              |  |          |              |           |
|     | UCATION (Incl | uding professio | nal qualific | cation i.e. B.                                 | Sc., M.S | 6c., B.E., 1 | B.Tech.,  |
| M.7 | Tech, Ph.D.)  |                 |              |  |          |              |           |
| #   | Degree        | University      | //College    | Specializ                                      | ation    | Year         | Grade     |
|     |               |                 |              |  |          |              |           |
|     |               |                 |              |  |          |              |           |
|     |               |                 |              |  |          |              |           |
|     |               |                 |              |  |          |              |           |
| EXI | PERIENCE:     |                 |              |  |          |              |           |
| #   | Organization  | Designation     | From         | To   | Maj      | or Tasks     | Completed |
|     |               |                 |              |  |          |              |           |
|     |               |                 |              |  |          |              |           |
|     |               |                 |              |  |          |              |           |
|     |               |                 |              |  |          |              |           |
|     |               |                 |              | <u>.                                      </u> |          |              |           |

#### NOTE:

- 1. Major tasks completed should be stated comprehensively and this information will be used for evaluation of the relevant experience of the candidate.
- 2. The CV of each resource proposed in Section 3.2 must be strictly in the above mentioned format.

REQUEST FOR PROPOSAL FOR SECURITY AND PERFORMANCE AUDIT OF PUBLIC FACING APPLICATIONS

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### **ANNEXURE E Price Bid**

| COI                        | (This will be sub<br>MPANY NAME:  | omitted in enve | lope-3)<br>                                       |  |
|----------------------------|---|-----------------|---|--|
| ADI                        | DRESS:  |                 |   |  |
|                            |   |                 |   |  |
| CON                        | NTACT PERSON:   | _ PHONE NUI     | MBER:   |  |
| EMAIL: WEB SITE:           |   |                 |   |  |
| Cost                       |   |                 |   |  |
| #                          | Item/Description  | Quantity        | Total Price<br>(Inclusive of applicable<br>Taxes) |  |
| 1                          | Security and Performance Audit of SYNC, OCRES and Skills Registry covering the entire scope as mentioned in section-3 of this RFP and meeting all other terms and conditions of this RFP. | 1               |   |  |
| <u>NO</u>                  | <u>TE:</u> The price must include all applic  | able taxes.     |   |  |
| Nam<br>Desi<br>Cont<br>Ema | gnation:<br>tact no(mobile):  | npany           |   |  |

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#### **ANNEXURE - F**

(This will be submitted in envelope-2)

#### **Company Profile**

| Company Profile  |  |  |  |  |
|--|--|--|--|--|
| Name of the  |  |  |  |  |
| company  |  |  |  |  |
| Legal Status (e.g., sole proprietor, partnership, limited liability partnership, corporation etc., (Attach a copy of the certificate of incorporation) |  |  |  |  |
| Physical Address   |  |  |  |  |
| Business Profile of  |  |  |  |  |
| the company  |  |  |  |  |
| (Attach a separate   |  |  |  |  |
| write-up or  |  |  |  |  |
| brochure that  |  |  |  |  |
| provides details of  |  |  |  |  |
| the business   |  |  |  |  |
| activities of the  |  |  |  |  |
| company)   |  |  |  |  |
| Email ID of the  |  |  |  |  |
| company  |  |  |  |  |
| PAN Number of the  |  |  |  |  |
| company  |  |  |  |  |
| TAN Number of the  |  |  |  |  |
| company  |  |  |  |  |
| TIN/VAT Number   |  |  |  |  |
| of the company   |  |  |  |  |
| Service Tax  |  |  |  |  |
| Registration   |  |  |  |  |
| 1.06.00.00.00.00.00.00.00.00.00.00.00.00.  |  |  |  |  |

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| (0                        | ocument Reference No. Niswijicijiki P703/2013-10j |  |  |  |
|---------------------------|---|--|--|--|
| Number                    |   |  |  |  |
| Name of the Contact       |   |  |  |  |
| Person with Mobile        |   |  |  |  |
| and land line             |   |  |  |  |
| Number                    |   |  |  |  |
| Company Name as           |   |  |  |  |
| it appears in its         |   |  |  |  |
| Bank Account              |   |  |  |  |
| Bank Account              |   |  |  |  |
| Number                    |   |  |  |  |
| Type of Account           |   |  |  |  |
| Bank Name                 |   |  |  |  |
| Bank's Branch             |   |  |  |  |
| Address                   |   |  |  |  |
| Bank Branch IFSC          |   |  |  |  |
| Code                      |   |  |  |  |
|                           |   |  |  |  |
| Signature of the Authoriz | zed Signatory of Company                          |  |  |  |
| Name:                     |   |  |  |  |
| Designation:              |   |  |  |  |
| Contact no (Mobile):      |   |  |  |  |
| Email Id:                 |   |  |  |  |
| Company Seal:             |   |  |  |  |
|                           |   |  |  |  |
|                           |   |  |  |  |
|                           |   |  |  |  |
|                           |   |  |  |  |
| X                         |   |  |  |  |