

05 September 2018

### **REQUEST FOR PROPOSAL (RFP-BD-2018-019)**

Dear Sir / Madam:

UNDP kindly request you to submit your Proposal for Hiring firm for Developing Security Standard & Vulnerability Assessment and Penetration Testing (VAPT) for NID Enabled Payment System and Associated e-services

Proposals shall be submitted on or before 4.30 p.m. (local time) on Thursday, September 20, 2018

Please be guided by the form attached hereto as Annex 2, in preparing your Proposal.

Proposals may be submitted on or before the deadline indicated by UNDP in the e-Tendering system. Bids must be submitted in the online e-Tendering system in the following link: <a href="https://etendering.partneragencies.org">https://etendering.partneragencies.org</a>; using your username and password. If you have not registered in the system before, you can register now by logging in using

**Username:** event.guest **Password:** why2change

and follow the registration steps as specified in the system user guide.

Your Proposal must be expressed in the English, and valid for a minimum period of 60 days. You are kindly requested to indicate whether your company intends to submit a Proposal by clicking on "Accept Invitation" in the system.

In the course of preparing and submitting your Proposal, it shall remain your responsibility to ensure that it submitted into the system by the deadline. The system will automatically block and not accept any bid after the deadline. Kindly ensure attaching the required supporting documents (<u>with file name less than 60 characters</u>) in pdf format which must be free from any virus or corrupted files. Proposals that are received by UNDP after the deadline indicated above, for whatever reason, shall not be considered for evaluation

The Financial Proposal and the Technical Proposal files <u>MUST BE COMPLETELY SEPARATE</u> and uploaded separately in the system and clearly named as either "TECHNICAL PROPOSAL" or "FINANCIAL PROPOSAL", as appropriate. Each document shall include the Proposer's name and address. <u>The file with the "FINANCIAL PROPOSAL" must be encrypted with a password so that it cannot be opened nor viewed until the Proposal has been found to pass the technical evaluation stage. Once a Proposal has been found to be responsive by passing the technical evaluation stage, UNDP shall request via email the Proposer to submit the password to open the Financial Proposal. The Proposer shall assume the responsibility for not encrypting the financial proposal.</u>

PLEASE DO NOT PUT THE PRICE OF YOUR PROPOSAL IN THE 'LINE ITEMS' IN THE SYSTEM. INSTEAD PUT 1 AND UPLOAD THE FINANCIAL PROPOSAL AS INSTRUCTED ABOVE.

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The Proposal that complies with all of the requirements meets all the evaluation criteria and offers the best value for money shall be selected and awarded the contract. Any offer that does not meet the requirements shall be rejected.

Any discrepancy between the unit price and the total price shall be re-computed by UNDP, and the unit price shall prevail and the total price shall be corrected. If the Service Provider does not accept the final price based on UNDP's re-computation and correction of errors, its Proposal will be rejected.

No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted by UNDP after it has received the Proposal. At the time of Award of Contract or Purchase Order, UNDP reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum twenty five per cent (25%) of the total offer, without any change in the unit price or other terms and conditions.

Any Contract or Purchase Order that will be issued as a result of this RFP shall be subject to the General Terms and Conditions attached hereto. The mere act of submission of a Proposal implies that the Service Provider accepts without question the General Terms and Conditions of UNDP, herein attached as Annex 3.

Please be advised that UNDP is not bound to accept any Proposal, nor award a contract or Purchase Order, nor be responsible for any costs associated with a Service Providers preparation and submission of a Proposal, regardless of the outcome or the manner of conducting the selection process.

UNDP's vendor protest procedure is intended to afford an opportunity to appeal for persons or firms not awarded a Purchase Order or Contract in a competitive procurement process. In the event that you believe you have not been fairly treated, you can find detailed information about vendor protest procedures in the following link:

http://www.undp.org/content/undp/en/home/operations/procurement/protestandsanctions/

UNDP encourages every prospective Service Provider to prevent and avoid conflicts of interest, by disclosing to UNDP if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, cost estimates, and other information used in this RFP.

UNDP implements a zero tolerance on fraud and other proscribed practices, and is committed to preventing, identifying and addressing all such acts and practices against UNDP, as well as third parties involved in UNDP activities. UNDP expects its Service Providers to adhere to the UN Supplier Code of Conduct found in this link: <a href="http://www.un.org/depts/ptd/pdf/conduct\_english.pdf">http://www.un.org/depts/ptd/pdf/conduct\_english.pdf</a>

Thank you and we look forward to receiving your Proposal.

Sincerely Yours,

Deputy Country Director September 6, 2018



### **Description of Requirements**

# A fundamental government responsibility is providing information and services Context of the aimed at improving the social and economic welfare of its citizens. During the first Requirement phase of the commonly known as A2Iprogramme, fundamental progress has been made in improving access to public services. However, it is critical to expand the breadth and width of such simplified services and improve the service delivery model to counter the impact of widespread outdated manual processes, resistance to change by civil service staff and a lack of transparency that still frustrates citizens in their attempts to avail of government information and services. The objective of the project is to increase transparency, improve governance, and reduce the time, difficulty and costs of obtaining government services for underserved communities of Bangladesh. This is to be achieved by the following 4 components of the project: Component 1: Strengthening existing e-services and launching new integrated, interoperable e-government applications or tools; (e-Service) Component 2: Sensitizing government officials, training for service providers and expanding digital literacy among the general public; (Capacity and Awareness) Component 3: Forging strong policy and strategy links to ensure implementation of needed legal and regulatory changes in support of the project; (Enabling Environment) and Component 4: Promoting innovation in the delivery of e-services. (Innovation) Access to Information (a2i) programme is a special programme of the UNDP that catalyzes citizen-friendly public service innovations simplifying government and bringing it closer to people. The primary goal is to ensure easy, affordable and reliable access to quality public services for all citizens of Bangladesh. The strategies are: ١. Empower civil servants with the tools, expertise, knowledge, and resources they need for experimenting and innovating citizen-centric solutions to public service challenges. 11. Establish both physical and online one-stop access points that scale innovative services and make them available to citizens easily, reliably and in an affordable manner. **III.** Encourage and support non-government actors, including small entrepreneurs, teachers, and the youth, to partner with government Implementing Access to Information Project phase -II Partner of UNDP **Brief Description** The specific objective of this assignment is to engage a security consultant of the Required firm/company having security expertise in information, cyber and web within the Services A2I's e-service team. Scope of work:

Software Application and hosting environment Security Reviews; Performs



|   | threat modeling analysis, vulnerability analysis, penetration   | test and   |
|---|---|--|
|   | <ul> <li>vulnerable code review.</li> <li>Provide specific solution specification with recommendation identified vulnerabilities.</li> <li>Recommend security software/tools requirements to be needed.</li> <li>Evangelize security and be an advocate for a positive application security.</li> <li>Write technical reports, penetration test results based on finding.</li> <li>Continues monitoring of the Digital Financial services (DFS) not and associated e-services like OISF, NP, BSAP, e-filling, La software and other e-services hosted in the similar technology developed by a2i.</li> <li>A2i want to ensure international level security for its e-service attack and reduce vulnerabilities' of its DFS lab and associated service that are directly or indirectly linked with DFS. That we initiate to Develop security Standard and guideline for its Digit services(DFS) lab(NEPS) and associated other e-services (e-feathers).</li> </ul> | on for the d. oproach to ongs/Risk. amed NEPS of related by platform to prevent ed other e-hy a2i take al Financial file, NP, e- |
|   | Mutation, BSAP, OISF etc.) and in the similar technology platfor  |  |
| List and  | Deliverable   | Timeline   |
| Description of Expected Outputs                                   | Inception Report with Detail plan of Assignment   | End of<br>2 <sup>nd</sup> week   |
| to be Delivered   | Delivery of VAPT test Report (1st Draft) of e-services  | End of 2<br>months   |
|   | Delivery of Security Standards for e-services (first draft),<br>Reconcile with a2i Technology Expert of e-services and Fixing the<br>Problem.   | End of<br>2.5<br>months  |
|   | Delivery of Security Standards for e-services (Second draft), Delivery of VAPT test Report (2 <sup>nd</sup> Draft) of e-services after reconcile.   | End of 4<br>months   |
|   | Delivery of VAPT test Report (Final version) of e-services  | End of 5<br>months   |
|   | Delivery of Security Standards for e-services (Final Version)   | End of 6<br>months   |
| Person to Supervise the Work/Performanc e of the Service Provider | Program Manager, Digital Financial Service Lab, a2i Programme   |  |
| Frequency of Reporting  | As indicated in the ToR   |  |
| Progress Reporting Requirements                                   | As indicated in the ToR   |  |
| ,   | ☐ Exact Address/es  |  |
| Location of work  | As indicated in the ToR   |  |

| <u> </u>                  |   |                                       |
|---------------------------|---|---------------------------------------|
| Expected duration of work | Duration of the assignment will be 6 Months   |                                       |
| Target start date         | October 2018  |                                       |
| Latest completion         | April 2019  |                                       |
| date                      |   |                                       |
| Travels Expected          | As indicated in the ToR   |                                       |
| Special Security          | ☐ Security Clearance from UN prior to travelling  |                                       |
| Requirements              | ☐ Completion of UN's Basic and Advanced Security Training   |                                       |
|                           | ☐ Comprehensive Travel Insurance  |                                       |
|                           | ⊠Not applicable   |                                       |
|                           | ☐ Others [pls. specify]   |                                       |
| Facilities to be          | ☐ Office space and facilities   |                                       |
| Provided by UNDP          | ☐ Land Transportation   |                                       |
| (i.e., must be            | ☑ Others As per ToR   |                                       |
| excluded from             | = others haper ron  |                                       |
| Price Proposal)           |   |                                       |
| Implementation            | □ Required  |                                       |
| Schedule                  | ☐ Not Required  |                                       |
| indicating                | •   |                                       |
| breakdown and             |   |                                       |
| timing of                 |   |                                       |
| activities/sub-           |   |                                       |
| activities                |   | ···                                   |
| Names and                 | □ Required  |                                       |
| curriculum vitae          | ☐ Not Required  |                                       |
| of individuals who        |   |                                       |
| will be involved in       |   |                                       |
| completing the services   |   |                                       |
| Currency of               | ☑ United States Dollars   |                                       |
| Proposal                  | □ Euro  |                                       |
| Порозаг                   |   |                                       |
| Value Added Tax           | Local Currency, BDT     ✓   | · · · · · · · · · · · · · · · · · · · |
| on Price Proposal         | ☑ must be inclusive of VAT  |                                       |
| Validity Period of        | ⊠ 60 days   |                                       |
| Proposals                 | □ 90 days   |                                       |
| (Counting for the         | •   |                                       |
| last day of               | $\square$ 120 days In exceptional circumstances, UNDP may request the Propos  | or to overnal the                     |
| submission of             | validity of the Proposal beyond what has been initially indicated   |                                       |
| quotes)                   | Proposal shall then confirm the extension in writing, without   |                                       |
|                           | whatsoever on the Proposal.   | any mounication                       |
| Partial Quotes            | Not permitted     Not |                                       |
|                           | □ Permitted   |                                       |
| Payment Terms             | Deliverable   | Payment                               |
| .,                        | Inception Report with Detail plan of Assignment   | 10%                                   |
|                           |   | 10/0                                  |
| <del></del>               |   |                                       |



|  | Delivery of VAPT test Report (1st Draft) of e-services   | 10%                                   |
|--|--|---------------------------------------|
|  | Delivery of Security Standards for e-services (first draft), Reconcile with a2i Technology Expert of e-services and Fixing the Problem.  | 10%                                   |
|  | Delivery of Security Standards for e-services (Second draft), Delivery of VAPT test Report (2 <sup>nd</sup> Draft) of e-services after reconcile.  | 10%                                   |
|  | Delivery of VAPT test Report (Final version) of e-services   | 10%                                   |
|  | Delivery of Security Standards for e-services (Final Version)  | 50%                                   |
| Person(s) to review/inspect/ approve outputs/complete d services and authorize the disbursement of payment | Policy Advisor, A2i Project  |                                       |
| Type of Contract   | ☐ Purchase Order   |                                       |
| to be Signed   | ☐ Institutional Contract  ☐ Contract for Institutional Services  |                                       |
|  | Long-Term Agreement  |                                       |
|  | ☐ Other Type of Contract   |                                       |
| Criteria for   | ☐ Lowest Price Quote among technically responsive offers   |                                       |
| Contract Award   |  | d 30% price                           |
|  | ☑ Full acceptance of the UNDP Contract General Terms and Cond<br>This is a mandatory criteria and cannot be deleted regardless of th<br>services required. Non acceptance of the GTC may be grounds for<br>the Proposal. | ne nature of<br>r the rejection of    |
| Criteria for the<br>Assessment of<br>Proposal  | Evaluation and comparison of proposals: Prior to the technic proposals will be screened based on the minimum eligibility cribelow:   | al evaluation all<br>iteria mentioned |
|  | Minimum eligibility criteria of the consultancy firm:  • Business Licenses – Registration Papers, Tax Payment C  | Certification, etc.;                  |
|  | <ul> <li>Company Profile, which should not exceed fifteen including any printed brochure relevant to the procured;</li> </ul>  | en (15) pages<br>services being       |
|  | <ul> <li>Certificate of Registration of the business, including<br/>Incorporation, or equivalent document if Propo-<br/>corporation.</li> </ul>  | ng Articles of<br>eser is not a       |

- Latest Audited Financial Statement (Income Statement and Balance Sheet) including Auditor's Report;
- Firm must have minimum 5 years' experience in ICT Software Development related business as a registered company/entity in Bangladesh
- The company must have specialization in IT Security, Compliance, Ethical Hacking and related services.
- The firm must have administrative office arrangement in Dhaka where the proposed core team is located.
- The firm must have proof of minimum BDT 75 lacs Turnover per year reflected in last 2 years audited financials.
- Team leader of the Security Test Team must be Bangladeshi citizen.
- Certification in CISM/CISA/CEH/CISSP/CCNA/CCNP/MCSE/RHCE/ECSA/OSCP/OCP/S CJP/ MCSD /PHP/ ISO 27001 Lead Auditor/ COBIT/ ITIL/ ISO 22301 of team members are required.

### Minimum eligibility criteria of the key personnel:

### Cyber Security Expert

- Must have Bachelor's in Computer Science & Engineering.
- Must have Professional Certification: CISA, CCISO, CEH, CHFI, ISO 27001 LA, ITIL-F, CLPTP, PRINCE2, COBIT5, LPT, OSCP
- Must have 5 years of experience in IT security and IT risk management experiences.

#### Network and Data center Expert

- Must have bachelor's degree in Computer Science and Engineering (CSE)/Computer Science/ Electronics Engineer/ Telecommunication Engineering or equivalent qualifications from any reputed University.
- Must have at least 6 years hands-on systems, server & networking experience in any reputed telecom organization
- Must have Hands-on experience working experience on VPN technologies (IPSEC, SSL, WebVPN, PPTP etc.)

### Systems Administrator

- Must have minimum graduate in Computer Science/Computer Engineering.
- Must have minimum 8 years of progressive experience in the sector of System Administration, Open Architecture, SOAP and system Integration.

### Database Administrator (MySql)

- Must have graduate in Computer Science/Computer Engineering.
- Must have 5 years of progressive experience in large scale database design and development including DBA
- Must have 2 years proven experience in data integration/migration, sizing using multiple database systems like



ORACLE, MySQL, and SQL Server. Professional certification(OCP DBA,MCDBA)

### PHP Development expert

- Must have minimum graduate in Computer Science and Engineering or relevant subjects.
- Must have 5 years of progressive experience in the sector of enterprise software system design, Open Architecture, SOAP and system Integration.

# Security Policy Expert

- Must have Bachelor's in Computer Science & Engineering
- Must have experience in Computer Science or information Assurance
- Must have Professional Certification: CISA / ISO 27001 LA, ITIL-F, CEH
- Must have at least 2 years of experience in IT Audit, IT security and IT risk management experiences in System Audit. Experience may relax for extraordinary training, certifications and academic track record in related field.

**Note:** Necessary documentation must be submitted to substantiate the above eligibility criteria.

Consultancy firms that do not meet the above eligibility criteria shall not be considered for further evaluation.

The firm must provide CVs of all proposed personnel for the assignment, stating name, highest academic qualification, professional certification, length of experience, role/function and other related information.

### **Technical Proposal (70%)**

⊠ Background experience/ Expertise of Firm

☑Adequacy and comprehensiveness of the proposal (concept, approach, work plan)

□ Qualifications and competence of the key staff for the Assignment

### BASIS OF TECHNICAL EVALUATION

| Criteria  | Weight | Max. Points |
|---|--------|-------------|
| Technical   |        |             |
| 1. Overall experience and Expertise of the organization/Firm                                |        | 15          |
| Experience of working for developing Security Standard and guideline and VAPT               |        | 10          |
| Organization Profile, administrative and financial management structure of the organization | 70     | 05          |
| 2. Expertise of Key personnel   |        | 40          |
| Qualification and experience of Cyber Security Expert                                       |        | 10          |
| Qualification and experience of Network and Data center Expert                              |        | 5           |

|                    | Qualification and experience of Systems Administrator  | 5                     |  |
|--------------------|--|-----------------------|--|
|                    |  |                       |  |
|                    | Qualification and experience of Database Administrator (MySqI)   | 5                     |  |
|                    | Qualification and experience of PHP Development  | 5                     |  |
|                    | expert   | 5                     |  |
|                    | Qualification and experience of Security Policy  | 10                    |  |
|                    | Expert   |                       |  |
|                    | 3. Methodology proposed in the technical proposal  | 15                    |  |
|                    | Overall understanding of the assignment & proposed   | 10                    |  |
|                    | Security standard and Guideline and VAPT   |                       |  |
|                    | Proposed work plan and timeline relevant to the  | 5                     |  |
|                    | assignment as per the Terms of Reference   |                       |  |
|                    | Financial Proposal (30%)   |                       |  |
|                    | In the Second Stage, the price proposal of all contractors, who  | have attained         |  |
|                    | minimum 70% score in the technical evaluation, will be compa   |                       |  |
|                    |  |                       |  |
|                    | will be awarded to the bidder offering the 'best value for mon   |                       |  |
|                    | will be awarded to the Contractor based on the cumulative me   | ethod. The formula    |  |
|                    | for the rating of the Proposals will be as follows:  |                       |  |
|                    | Rating the Technical Proposal (TP):  |                       |  |
|                    | TP Rating = (Total Score Obtained by the Offer / Max. Obtainable Score for TP) x   |                       |  |
|                    | 100  |                       |  |
|                    | Rating the Financial Proposal (FP):  |                       |  |
|                    | FP Rating = (Lowest Priced Offer / Price of the Offer Being Revi<br>Total Combined Score:  | iewed) x 100          |  |
|                    |  | ( ED                  |  |
|                    | (TP Rating) x (Weight of TP, e.g. 70%) + (FP Rating) x (Weight o = Total Combined and Final Rating of the Proposal   | T FP, e.g., 30%)      |  |
|                    | The proposal obtaining the overall highest score after additional and the state of the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the overall highest score after additional and the proposal obtaining the proposal obtaining the proposal obtaining the overall highest score after the proposal obtaining the proposal obtaining the overall highest score after the proposal obtaining | ng the score of the   |  |
|                    | technical proposal and the financial proposal is the proposal the  |                       |  |
|                    | for money  | iat Offers best value |  |
| UNDP will award    | ☐ One and only one Service Provider  |                       |  |
| the contract to:   | ☐ One or more Service Providers, depending on the following  | factors :             |  |
| Annexes to this    |  |                       |  |
| RFP                | ☐ General Terms and Conditions / Special Conditions (Annex 3   | 3)                    |  |
|                    | ☑ Detailed TOR (Annex 4)   | ,                     |  |
|                    |  |                       |  |
|                    | bd.procurement@undp.org  |                       |  |
| Contact Person     | Please mention the following in the subject while sending a  | any query to UNDP     |  |
| for Inquiries      | regarding this RFP on or before 13 September 2018.   | · • •                 |  |
| (Written inquiries | "Queries on RFP-BD-2018-019"   |                       |  |
| only)              | Any delay in UNDP's response shall be not used as a reason for   | extending the         |  |
|                    | deadline for submission, unless UNDP determines that such an   | _                     |  |
|                    | necessary and communicates a new deadline to the Proposers   | 1                     |  |
|                    |  |                       |  |



| Other Information | A pre-bid meeting will be held at IDB Bhaban, (19 <sup>th</sup> floor), meeting room, for the clarification on the bidding document and ToR on 13 September, 2018 at 11.00 AM. |
|-------------------|--|
|                   | Note: Bidder needs to carry a valid Passport/NID/Credit or Debit card with photo/Original driving license in order to enter into IDB Bhaban for the pre-bid meeting.           |

#### FORM FOR SUBMITTING SERVICE PROVIDER'S PROPOSAL

(This Form must be submitted only using the Service Provider's Official Letterhead/Stationery)

[insert: Location].
[insert: Date]

To: [insert: Name and Address of UNDP focal point]

Dear Sir/Madam:

We, the undersigned, hereby offer to render the following services to UNDP in conformity with the requirements defined in the RFP dated [specify date], and all of its attachments, as well as the provisions of the UNDP General Contract Terms and Conditions:

### Minimum eligibility criteria of the consultancy firm:

- Business Licenses Registration Papers, Tax Payment Certification, etc.;
- Company Profile, which should not exceed fifteen (15) pages including any printed brochure relevant to the services being procured;
- Certificate of Registration of the business, including Articles of Incorporation, or equivalent document if Proposer is not a corporation.
- Latest Audited Financial Statement (Income Statement and Balance Sheet) including Auditor's Report;
- Firm must have minimum 5 years' experience in ICT Software Development related business as a registered company/entity in Bangladesh
- The company must have specialization in IT Security, Compliance, Ethical Hacking and related services.
- The firm must have administrative office arrangement in Dhaka where the proposed core team is located.
- The firm must have proof of minimum BDT 75 lacs Turnover per year reflected in last 2 years audited financials.
- Team leader of the Security Test Team must be Bangladeshi citizen.
- Certification in CISM/CISA/CEH/CISSP/CCNA/CCNP/MCSE/RHCE/ECSA/OSCP/OCP/SCJP/ MCSD / PHP/ ISO 27001 Lead Auditor/ COBIT/ ITIL/ ISO 22301 of team members are required.

# Minimum eligibility criteria of the key personnel:

Cyber Security Expert

Must have Bachelor's in Computer Science & Engineering.

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- Must have 5 years of experience in IT security and IT risk management experiences.

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- Must have at least 6 years hands-on systems, server & networking experience in any reputed telecom organization
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# Systems Administrator

- Must have minimum graduate in Computer Science/Computer Engineering.
- Must have minimum 8 years of progressive experience in the sector of System Administration, Open Architecture, SOAP and system Integration.

### Database Administrator (MySql)

- Must have graduate in Computer Science/Computer Engineering.
- Must have 5 years of progressive experience in large scale database design and development including DBA
- Must have 2 years proven experience in data integration/migration, sizing using multiple database systems like ORACLE, MySQL, and SQL Server. Professional certification(OCP DBA,MCDBA)

### PHP Development expert

- Must have minimum graduate in Computer Science and Engineering or relevant subjects.
- Must have 5 years of progressive experience in the sector of enterprise software system design, Open Architecture, SOAP and system Integration.

### Security Policy Expert

- Must have Bachelor's in Computer Science & Engineering
- Must have experience in Computer Science or information Assurance
- Must have Professional Certification: CISA / ISO 27001 LA, ITIL-F, CEH
- Must have at least 2 years of experience in IT Audit, IT security and IT risk management experiences in System Audit. Experience may relax for extraordinary training, certifications and academic track record in related field.

**Note:** Necessary documentation must be submitted to substantiate the above eligibility criteria. Consultancy firms that do not meet the above eligibility criteria shall not be considered for further evaluation.

The firm must provide CVs of all proposed personnel for the assignment, stating name, highest academic qualification, professional certification, length of experience, role/function and other related information.

### A. Proposed Methodology for the Completion of Services

The Service Provider must describe how it will address/deliver the demands of the RFP; providing a detailed description of the essential performance characteristics, reporting conditions and quality assurance mechanisms that will be put in place, while demonstrating that the proposed methodology will be appropriate to the local conditions and context of the work.

# B. Qualifications of Key Personnel

If required by the RFP, the Service Provider must provide:

- a) Names and qualifications of the key personnel that will perform the services indicating who is Team Leader, who are supporting, etc.;
- b) CVs demonstrating qualifications must be submitted if required by the RFP; and
- c) Written confirmation from each personnel that they are available for the entire duration of the contract.

# C. Cost Breakdown per Deliverable\* (This portion to be provided in separate sealed envelope)

|   | Deliverables [list them as referred to in the RFP] | Percentage of Total Price (Weight for payment) | Price<br>(Lump Sum,<br>All Inclusive) |
|---|--|--|---------------------------------------|
| 1 | Deliverable 1                                      |  |                                       |
| 2 | Deliverable 2                                      |  |                                       |
| 3 |  |  |                                       |
|   | Total  | 100%   |                                       |

<sup>\*</sup>This shall be the basis of the payment tranches

# D. Cost Breakdown by Cost Component [This is only an Example]:

| Description of Activity        | Remuneration     | <b>Total Period of</b> | No. of    | Total Rate                              |
|--------------------------------|------------------|------------------------|-----------|---|
|                                | per Unit of Time | Engagement             | Personnel |   |
| I. Personnel Services          |                  |                        |           |   |
| 1. Services from Home Office   |                  |                        |           |   |
| a. Expertise 1                 |                  |                        |           |   |
| b. Expertise 2                 |                  |                        |           |   |
| 2. Services from Field Offices |                  |                        |           |   |
| a . Expertise 1                |                  |                        |           |   |
| b. Expertise 2                 |                  |                        |           |   |
| 3. Services from Overseas      |                  |                        |           |   |
| a. Expertise 1                 |                  |                        |           |   |
| b. Expertise 2                 |                  |                        |           |   |
| II. Out of Pocket Expenses     |                  |                        |           | ·                                       |
| 1. Travel Costs                |                  |                        |           |   |
| 2. Daily Allowance             |                  |                        |           |   |
| 3. Communications              |                  |                        |           | *************************************** |
| 4. Reproduction                |                  |                        |           |   |
| 5. Equipment Lease             |                  |                        |           |   |
| 6. Others                      |                  |                        |           |   |
| III. Other Related Costs       |                  |                        |           |   |

[Name and Signature of the Service Provider's Authorized Person]
[Designation]
[Date]



# **General Terms and Conditions for Services**

#### 1.0 LEGAL STATUS:

The Contractor shall be considered as having the legal status of an independent contractor vis-à-vis the United Nations Development Programme (UNDP). The Contractor's personnel and sub-contractors shall not be considered in any respect as being the employees or agents of UNDP or the United Nations.

#### 2.0 SOURCE OF INSTRUCTIONS:

The Contractor shall neither seek nor accept instructions from any authority external to UNDP in connection with the performance of its services under this Contract. The Contractor shall refrain from any action that may adversely affect UNDP or the United Nations and shall fulfill its commitments with the fullest regard to the interests of UNDP.

# 3.0 CONTRACTOR'S RESPONSIBILITY FOR EMPLOYEES:

The Contractor shall be responsible for the professional and technical competence of its employees and will select, for work under this Contract, reliable individuals who will perform effectively in the implementation of this Contract, respect the local customs, and conform to a high standard of moral and ethical conduct.

#### 4.0 ASSIGNMENT:

The Contractor shall not assign, transfer, pledge or make other disposition of this Contract or any part thereof, or any of the Contractor's rights, claims or obligations under this Contract except with the prior written consent of UNDP.

### 5.0 SUB-CONTRACTING:

In the event the Contractor requires the services of sub-contractors, the Contractor shall obtain the prior written approval and clearance of UNDP for all sub-contractors. The approval of UNDP of a sub-contractor shall not relieve the Contractor of any of its obligations under this Contract. The terms of any sub-contract shall be subject to and conform to the provisions of this Contract.

### 6.0 OFFICIALS NOT TO BENEFIT:

The Contractor warrants that no official of UNDP or the United Nations has received or will be offered by the Contractor any direct or indirect benefit arising from this Contract or the award thereof. The Contractor agrees that breach of this provision is a breach of an essential term of this Contract.

#### 7.0 INDEMNIFICATION:

The Contractor shall indemnify, hold and save harmless, and defend, at its own expense, UNDP, its officials, agents, servants and employees from and against all suits, claims, demands, and liability of any nature or kind, including their costs and expenses, arising out of acts or omissions of the Contractor, or the Contractor's employees, officers, agents or sub-contractors, in the performance of this Contract. This provision shall extend, inter alia, to claims and liability in the nature of workmen's compensation, products liability and liability arising out of the use of patented inventions or devices, copyrighted material or other intellectual property by the Contractor, its employees, officers, agents, servants or sub-contractors. The obligations under this Article do not lapse upon termination of this Contract.

#### 8.0 **INSURANCE AND LIABILITIES TO THIRD PARTIES:**

- 8.1 The Contractor shall provide and thereafter maintain insurance against all risks in respect of its property and any equipment used for the execution of this Contract.
- 8.2 The Contractor shall provide and thereafter maintain all appropriate workmen's compensation insurance, or the equivalent, with respect to its employees to cover claims for personal injury or death in connection with this Contract.
- 8.3 The Contractor shall also provide and thereafter maintain liability insurance in an adequate amount to cover third party claims for death or bodily injury, or loss of or damage to property, arising from or in connection with the provision of services under this Contract or the operation of any vehicles, boats, airplanes or other equipment owned or leased by the Contractor or its agents, servants, employees or sub-contractors performing work or services in connection with this Contract.
- 8.4 Except for the workmen's compensation insurance, the insurance policies under this Article shall:
  - 8.4.1 Name UNDP as additional insured;
  - 8.4.2 Include a waiver of subrogation of the Contractor's rights to the insurance carrier against the UNDP;
  - **8.4.3** Provide that the UNDP shall receive thirty (30) days written notice from the insurers prior to any cancellation or change of coverage.
  - The Contractor shall, upon request, provide the UNDP with satisfactory evidence of the insurance required under this Article.

#### 9.0 **ENCUMBRANCES/LIENS:**

The Contractor shall not cause or permit any lien, attachment or other encumbrance by any person to be placed on file or to remain on file in any public office or on file with the UNDP against any monies due or to become due for any work done or materials furnished under this Contract, or by reason of any other claim or demand against the Contractor.

### 10.0 TITLE TO EQUIPMENT:

Title to any equipment and supplies that may be furnished by UNDP shall rest with UNDP and any such equipment shall be returned to UNDP at the conclusion of this Contract or when no longer needed by the Contractor. Such equipment, when returned to UNDP, shall be in the same condition as when delivered to the Contractor, subject to normal wear and tear. The Contractor shall be liable to compensate UNDP for equipment determined to be damaged or degraded beyond normal wear and tear.

# 11.0 COPYRIGHT, PATENTS AND OTHER PROPRIETARY RIGHTS:

- 11.1 Except as is otherwise expressly provided in writing in the Contract, the UNDP shall be entitled to all intellectual property and other proprietary rights including, but not limited to, patents, copyrights, and trademarks, with regard to products, processes, inventions, ideas, know-how, or documents and other materials which the Contractor has developed for the UNDP under the Contract and which bear a direct relation to or are produced or prepared or collected in consequence of, or during the course of, the performance of the Contract, and the Contractor acknowledges and agrees that such products, documents and other materials constitute works made for hire for the UNDP.
- 11.2 To the extent that any such intellectual property or other proprietary rights consist of any intellectual property or other proprietary rights of the Contractor: (i) that pre-existed the performance by the Contractor of its obligations under the Contract, or (ii) that the Contractor may develop or acquire, or may have developed or acquired, independently of the performance of its obligations under the Contract, the UNDP does not and shall not claim any ownership interest thereto, and the Contractor grants to the UNDP a perpetual license to use such intellectual property or other proprietary right solely for the purposes of and in accordance with the requirements of the Contract.
- 11.3 At the request of the UNDP; the Contractor shall take all necessary steps, execute all necessary documents and generally assist in securing such proprietary rights and transferring or licensing them to the UNDP in compliance with the requirements of the applicable law and of the Contract.
- 11.4 Subject to the foregoing provisions, all maps, drawings, photographs, mosaics, plans, reports, estimates, recommendations, documents, and all other data compiled by or received by the Contractor under the Contract shall be the property of the UNDP, shall be made available for use or inspection by the UNDP at reasonable times and in reasonable places, shall be treated as confidential, and shall be delivered only to UNDP authorized officials on completion of work under the Contract.

# 12.0 USE OF NAME, EMBLEM OR OFFICIAL SEAL OF UNDP OR THE UNITED NATIONS:

The Contractor shall not advertise or otherwise make public the fact that it is a Contractor with UNDP, nor shall the Contractor, in any manner whatsoever use the name, emblem or official seal of UNDP or THE United Nations, or any abbreviation of the name of UNDP or United Nations in connection with its business or otherwise.

#### 13.0 CONFIDENTIAL NATURE OF DOCUMENTS AND INFORMATION:

Information and data that is considered proprietary by either Party and that is delivered or disclosed by one Party ("Discloser") to the other Party ("Recipient") during the course of performance of the Contract, and that is designated as confidential ("Information"), shall be held in confidence by that Party and shall be handled as follows:

- **13.1** The recipient ("Recipient") of such information shall:
  - **13.1.1** use the same care and discretion to avoid disclosure, publication or dissemination of the Discloser's Information as it uses with its own similar information that it does not wish to disclose, publish or disseminate; and,
  - **13.1.2** use the Discloser's Information solely for the purpose for which it was disclosed.
- Provided that the Recipient has a written agreement with the following persons or entities requiring them to treat the Information confidential in accordance with the Contract and this Article 13, the Recipient may disclose Information to:
  - 13.2.1 any other party with the Discloser's prior written consent; and,
  - 13.2.2 the Recipient's employees, officials, representatives and agents who have a need to know such Information for purposes of performing obligations under the Contract, and employees officials, representatives and agents of any legal entity that it controls controls it, or with which it is under common control, who have a need to know such Information for purposes of performing obligations under the Contract, provided that, for these purposes a controlled legal entity means:
    - 13.2.2.1 a corporate entity in which the Party owns or otherwise controls, whether directly or indirectly, over fifty percent (50%) of voting shares thereof; or,
      13.2.2.2 any entity over which the Party exercises effective managerial control; or,
      13.2.2.3 for the UNDP, an affiliated Fund such as UNCDF, UNIFEM and UNV.
- 13.3 The Contractor may disclose Information to the extent required by law, provided that, subject to and without any waiver of the privileges and immunities of the United Nations, the Contractor will give the UNDP sufficient prior notice of a request for the disclosure of Information in order to allow the UNDP to have a reasonable opportunity to take protective measures or such other action as may be appropriate before any such disclosure is made.
- 13.4 The UNDP may disclose Information to the extent as required pursuant to the Charter of the UN, resolutions or regulations of the General Assembly, or rules promulgated by the Secretary-General.
- 13.5 The Recipient shall not be precluded from disclosing Information that is obtained by the Recipient from a third party without restriction, is disclosed by the Discloser to a third party without any obligation of confidentiality, is previously known by the Recipient, or at any



- time is developed by the Recipient completely independently of any disclosures hereunder.
- 13.6 These obligations and restrictions of confidentiality shall be effective during the term of the Contract, including any extension thereof, and, unless otherwise provided in the Contract, shall remain effective following any termination of the Contract.

# 14.0 FORCE MAJEURE; OTHER CHANGES IN CONDITIONS

- In the event of and as soon as possible after the occurrence of any cause constituting force majeure, the Contractor shall give notice and full particulars in writing to the UNDP, of such occurrence or change if the Contractor is thereby rendered unable, wholly or in part, to perform its obligations and meet its responsibilities under this Contract. The Contractor shall also notify the UNDP of any other changes in conditions or the occurrence of any event that interferes or threatens to interfere with its performance of this Contract. On receipt of the notice required under this Article, the UNDP shall take such action as, in its sole discretion; it considers to be appropriate or necessary in the circumstances, including the granting to the Contractor of a reasonable extension of time in which to perform its obligations under this Contract.
- 14.2 If the Contractor is rendered permanently unable, wholly, or in part, by reason of force majeure to perform its obligations and meet its responsibilities under this Contract, the UNDP shall have the right to suspend or terminate this Contract on the same terms and conditions as are provided for in Article 15, "Termination", except that the period of notice shall be seven (7) days instead of thirty (30) days.
- 14.3 Force majeure as used in this Article means acts of God, war (whether declared or not), invasion, revolution, insurrection, or other acts of a similar nature or force.
- 14.4 The Contractor acknowledges and agrees that, with respect to any obligations under the Contract that the Contractor must perform in or for any areas in which the UNDP is engaged in, preparing to engage in, or disengaging from any peacekeeping, humanitarian or similar operations, any delays or failure to perform such obligations arising from or relating to harsh conditions within such areas or to any incidents of civil unrest occurring in such areas shall not, in and of itself, constitute force majeure under the Contract..

#### 15.0 TERMINATION

- 15.1 Either party may terminate this Contract for cause, in whole or in part, upon thirty (30) days notice, in writing, to the other party. The initiation of arbitral proceedings in accordance with Article 16.2 ("Arbitration"), below, shall not be deemed a termination of this Contract.
- 15.2 UNDP reserves the right to terminate without cause this Contract at any time upon 15 days prior written notice to the Contractor, in which case UNDP shall reimburse the Contractor for all reasonable costs incurred by the Contractor prior to receipt of the notice of termination.

- 15.3 In the event of any termination by UNDP under this Article, no payment shall be due from UNDP to the Contractor except for work and services satisfactorily performed in conformity with the express terms of this Contract.
- 15.4 Should the Contractor be adjudged bankrupt, or be liquidated or become insolvent, or should the Contractor make an assignment for the benefit of its creditors, or should a Receiver be appointed on account of the insolvency of the Contractor, the UNDP may, without prejudice to any other right or remedy it may have under the terms of these conditions, terminate this Contract forthwith. The Contractor shall immediately inform the UNDP of the occurrence of any of the above events.

### 16.0 SETTLEMENT OF DISPUTES

- 16.1 Amicable Settlement: The Parties shall use their best efforts to settle amicably any dispute, controversy or claim arising out of this Contract or the breach, termination or invalidity thereof. Where the parties wish to seek such an amicable settlement through conciliation, the conciliation shall take place in accordance with the UNCITRAL Conciliation Rules then obtaining, or according to such other procedure as may be agreed between the parties.
- 16.2 Arbitration: Any dispute, controversy, or claim between the Parties arising out of the Contract or the breach, termination, or invalidity thereof, unless settled amicably under Article 16.1, above, within sixty (60) days after receipt by one Party of the other Party's written request for such amicable settlement, shall be referred by either Party to arbitration in accordance with the UNCITRAL Arbitration Rules then obtaining. The decisions of the arbitral tribunal shall be based on general principles of international commercial law. For all evidentiary questions, the arbitral tribunal shall be guided by the Supplementary Rules Governing the Presentation and Reception of Evidence in International Commercial Arbitration of the International Bar Association, 28 May 1983 edition. The arbitral tribunal shall be empowered to order the return or destruction of goods or any property, whether tangible or intangible, or of any confidential information provided under the Contract, order the termination of the Contract, or order that any other protective measures be taken with respect to the goods, services or any other property, whether tangible or intangible, or of any confidential information provided under the Contract, as appropriate, all in accordance with the authority of the arbitral tribunal pursuant to Article 26 ("Interim Measures of Protection") and Article 32 ("Form and Effect of the Award") of the UNCITRAL Arbitration Rules. The arbitral tribunal shall have no authority to award punitive damages. In addition, unless otherwise expressly provided in the Contract, the arbitral tribunal shall have no authority to award interest in excess of the London Inter-Bank Offered Rate ("LIBOR") then prevailing, and any such interest shall be simple interest only. The Parties shall be bound by any arbitration award rendered as a result of such arbitration as the final adjudication of any such dispute, controversy, or claim.

#### 17.0 PRIVILEGES AND IMMUNITIES:

Nothing in or relating to this Contract shall be deemed a waiver, express or implied, of any of the privileges and immunities of the United Nations, including its subsidiary organs.



### 18.0 TAX EXEMPTION

- 18.1 Section 7 of the Convention on the Privileges and Immunities of the United Nations provides, inter-alia that the United Nations, including its subsidiary organs, is exempt from all direct taxes, except charges for public utility services, and is exempt from customs duties and charges of a similar nature in respect of articles imported or exported for its official use. In the event any governmental authority refuses to recognize the United Nations exemption from such taxes, duties or charges, the Contractor shall immediately consult with the UNDP to determine a mutually acceptable procedure.
- Accordingly, the Contractor authorizes UNDP to deduct from the Contractor's invoice any amount representing such taxes, duties or charges, unless the Contractor has consulted with the UNDP before the payment thereof and the UNDP has, in each instance, specifically authorized the Contractor to pay such taxes, duties or charges under protest. In that event, the Contractor shall provide the UNDP with written evidence that payment of such taxes, duties or charges has been made and appropriately authorized.

### 19.0 CHILD LABOUR

- 19.1 The Contractor represents and warrants that neither it, nor any of its suppliers is engaged in any practice inconsistent with the rights set forth in the Convention on the Rights of the Child, including Article 32 thereof, which, inter alia, requires that a child shall be protected from performing any work that is likely to be hazardous or to interfere with the child's education, or to be harmful to the child's health or physical mental, spiritual, moral or social development.
- Any breach of this representation and warranty shall entitle UNDP to terminate this Contract immediately upon notice to the Contractor, at no cost to UNDP.

#### 20.0 MINES:

- 20.1 The Contractor represents and warrants that neither it nor any of its suppliers is actively and directly engaged in patent activities, development, assembly, production, trade or manufacture of mines or in such activities in respect of components primarily utilized in the manufacture of Mines. The term "Mines" means those devices defined in Article 2, Paragraphs 1, 4 and 5 of Protocol II annexed to the Convention on Prohibitions and Restrictions on the Use of Certain Conventional Weapons Which May Be Deemed to Be Excessively Injurious or to Have Indiscriminate Effects of 1980.
- 20.2 Any breach of this representation and warranty shall entitle UNDP to terminate this Contract immediately upon notice to the Contractor, without any liability for termination charges or any other liability of any kind of UNDP.

#### 21.0 OBSERVANCE OF THE LAW:

The Contractor shall comply with all laws, ordinances, rules, and regulations bearing upon the performance of its obligations under the terms of this Contract.

#### 22.0 SEXUAL EXPLOITATION:

- 22.1 The Contractor shall take all appropriate measures to prevent sexual exploitation or abuse of anyone by it or by any of its employees or any other persons who may be engaged by the Contractor to perform any services under the Contract. For these purposes, sexual activity with any person less than eighteen years of age, regardless of any laws relating to consent, shall constitute the sexual exploitation and abuse of such person. In addition, the Contractor shall refrain from, and shall take all appropriate measures to prohibit its employees or other persons engaged by it from, exchanging any money, goods, services, offers of employment or other things of value, for sexual favors or activities, or from engaging in any sexual activities that are exploitive or degrading to any person. The Contractor acknowledges and agrees that the provisions hereof constitute an essential term of the Contract and that any breach of this representation and warranty shall entitle UNDP to terminate the Contract immediately upon notice to the Contractor, without any liability for termination charges or any other liability of any kind.
- 22.2 The UNDP shall not apply the foregoing standard relating to age in any case in which the Contractor's personnel or any other person who may be engaged by the Contractor to perform any services under the Contract is married to the person less than the age of eighteen years with whom sexual activity has occurred and in which such marriage is recognized as valid under the laws of the country of citizenship of such Contractor's personnel or such other person who may be engaged by the Contractor to perform any services under the Contract.

### 23.0 AUTHORITY TO MODIFY:

Pursuant to the Financial Regulations and Rules of UNDP, only the UNDP Authorized Official possesses the authority to agree on behalf of UNDP to any modification of or change in this Contract, to a waiver of any of its provisions or to any additional contractual relationship of any kind with the Contractor. Accordingly, no modification or change in this Contract shall be valid and enforceable against UNDP unless provided by an amendment to this Contract signed by the Contractor and jointly by the UNDP Authorized Official



# **TERMS OF REFERENCE**

# A. Project Title: Access to Information - II

### B. Project Description

A fundamental government responsibility is providing information and services aimed at improving the social and economic welfare of its citizens. During the first phase of the commonly known as A2lprogramme, fundamental progress has been made in improving access to public services. However, it is critical to expand the breadth and width of such simplified services and improve the service delivery model to counter the impact of widespread outdated manual processes, resistance to change by civil service staff and a lack of transparency that still frustrates citizens in their attempts to avail of government information and services.

The objective of the project is to increase transparency, improve governance, and reduce the time, difficulty and costs of obtaining government services for under-served communities of Bangladesh. This is to be achieved by the following 4 components of the project:

Component 1: Strengthening existing e-services and launching new integrated, interoperable e-government applications or tools; (e-Service)

Component 2: Sensitizing government officials, training for service providers and expanding digital literacy among the general public; (Capacity and Awareness)

Component 3: Forging strong policy and strategy links to ensure implementation of needed legal and regulatory changes in support of the project; (Enabling Environment) and

Component 4: Promoting innovation in the delivery of e-services. (Innovation)

Access to Information (a2i) programme is a special programme of the UNDP that catalyzes citizen-friendly public service innovations simplifying government and bringing it closer to people. The primary goal is to ensure easy, affordable and reliable access to quality public services for all citizens of Bangladesh. The strategies are:

- IV. Empower civil servants with the tools, expertise, knowledge, and resources they need for experimenting and innovating citizen-centric solutions to public service challenges.
- V. Establish both physical and online one-stop access points that scale innovative services and make them available to citizens easily, reliably and in an affordable manner.
- VI. Encourage and support non-government actors, including small entrepreneurs, teachers, and the youth, to partner with government actors.

# C. Scope of Services, Expected Outputs and Target Completion

Security testing and vulnerability assessment of e-services is a project of Access to Information Programme-III to analysis the vulnerability and problem of Digital Financial Services lab (NID Enabled Payment Systems (NEPS) and associated developed other e-services(Electronic Filing Systems (e-file), Bangladesh National Portal (NP), e-Mutation, Bangladesh Service Application Platform(BSAP), Office Information Service Framework(OISF)) of Bangladesh Government that are directly or indirectly linked with DFS lab. Access to Information Programme (a2i) developed this DFS lab and others e-services so that people can access all their daily importance data/service easily. So it is a great initiative to keep secure all of these financial and nonfinancial data/service using security testing and vulnerability assessment and Need to Develop Security

Standard and Guideline for DFS lab and associated other e-service that are directly or indirectly linked with DFS lab.

# I. The main objectives are:

The overall objectives of the assignment will be the following:

- Identifying threat, vulnerabilities and risks of Application UI, Database, hosted environment and networks of DFS lab (NID Enabled Payment Systems (NEPS) and associated other eservices(Electronic Filing Systems (e-file), Bangladesh National Portal (NP), e-Mutation, Bangladesh Service Application Platform(BSAP), Office Information Service Framework(OISF)) that are directly or indirectly linked with DFS with concrete observations.
- Conduct both targeted and blind penetration test on infrastructure where DFS lab (NEPS) and associated e-services like e-file, BSAP,OISF, NP, e-mutation and other e-services are hosted.
- Provide specific recommendations for remedy for each finding/risk along with suggestion for improvements in terms of technology solution and risk treatment modality [Accept/Mitigate/Transfer/Avoid].
- Reconcile and mitigate the Finding /risk with a2i Technology Team/Respective Product Vendor Team and submit the report.
- Conduct workshop and capacity building on Security observations with a2i Team and related parties [Data Center and concerned system development experts nominated by a2i] to explain, share and to justify the observation.
- Assist a2i team understanding the details of recommended solutions for Data center, networks and applications.
- Develop security Standard and guideline for Digital financial service(DFS) Lab (NID Enabled Payment Systems (NEPS) and associated other e-services (i.e Electronic Filing Systems (e-file), Bangladesh National Portal (NP), e-Mutation, Bangladesh Service Application Platform (BSAP), Office Information Service Framework (OISF)) and in the similar technology platform developed by a2i.

### II. Scope of work:

The specific objective of this assignment is to engage a security consultant firm/company having security expertise in information, cyber and web within the A2I's e-service team.

Scope of work:

- Software Application and hosting environment Security Reviews; Performs threat modeling analysis, vulnerability analysis, penetration test and vulnerable code review.
- Provide specific solution specification with recommendation for the identified vulnerabilities.
- Recommend security software/tools requirements to be needed.
- Evangelize security and be an advocate for a positive approach to application security.
- Write technical reports, penetration test results based on findings /Risk.
- Continues monitoring of the Digital Financial services (DFS) named NEPS and associated e-services like OISF, NP, BSAP, e-filling, Land related software and other e-services hosted in the similar technology platform developed by a2i.
- A2i want to ensure international level security for its e-service to prevent attack and reduce



vulnerabilities' of its DFS lab and associated other e-service that are directly or indirectly linked with DFS. That why a2i take initiate to Develop security Standard and guideline for its Digital Financial services(DFS) lab(NEPS) and associated other e-services (e-file, NP, e-Mutation, BSAP, OISF etc) and in the similar technology platform.

# D. Institutional Arrangement

N/A

### E. Duration of the Work

Duration: Total Duration of the assignment is 06(Six) Months.

### **Deliverables:**

# **Schedule and Deliverables:**

| SI# | Assignment  | Schedule        | Deliverables   |
|-----|---|-----------------|--|
| 1   | Develop security Standard and guideline for NID Enabled payment system (NEPS, efile, NP, e-Mutation, BSAP, OISF) and in the similar technology platform developed by a2i.   | 6(Six)<br>Month | - Delivery a Security standard document for DFS lab and other eservices and in the similar technology platform developed by a2i  |
| 2   | Identifying threat, vulnerabilities and risks of Application UI, Database, hosted environment at Data Center and networks of DFS lab (NEPS) and other associated eservices like e-file, NP, e-mutation, BSAP, OISF and other e-services with concrete observations.   |                 | - Test Reports mentioning Test Cases, Test Method, findings, specific controls and test details.   |
| 3   | Provide specific recommendation for remedy for each finding/risk along with suggestion for improvements in terms of technology solution and risk treatment modality [Accept/Mitigate/Transfer/Avoid].   |                 | <ul> <li>Risk Register</li> <li>Recommendation with detail technology specification.</li> <li>Reconcile and correction the report according to addressing the finding/Risk.</li> </ul> |
| 4   | Conduct workshop and capacity building event on Security observations with a2i Team and related parties [Data Center and concerned system development experts nominated by a2i] to explain, share and to justify the observation.  Assist a2i team understanding the details of recommended solutions for Data center, networks and applications. |                 | <ul> <li>Sharing Idea and transfer knowledge to a2i experts</li> <li>Security Improvement Technology Specification for the application.</li> </ul>                                     |

| 5 | On demand security compliance advisory | , , , , , , , , , , , , , , , , , , , | - |
|---|--|---------------------------------------|---|
|   | and recommendation service to the Tech |                                       |   |
|   | team/Hosting Team                      |                                       |   |

# F. Location of Work: Bangladesh.

### G. Qualifications of the Successful Service Provider at Various Levels

As per RFP Document

### H. Evaluation criteria

As per RFP Document

# J. Scope of Proposal Price and Schedule of Payments

As per RFP Document

### Special Note:

- 1. a2i preserves full rights to be confirmed security clearance of the personnel [if necessary] who will be working for this assignments through proper agency.
- 2. Contractor will have to sign separate non-discloser agreement with a2i considering data/information sensitivity.
- 3. Intellectual Property Right will strictly be controlled under regular state law for IPR protection.



# Declaration

| Date:  |
|--|
| United Nations Development Programme UNDP Registry, IDB Bhaban, Agargaon Sher-E-Bangla Nagar, Dhaka, Bangladesh                        |
| Assignment   |
| Reference: RFP-BD-2018-019   |
| Dear Sir, I declare that is not in the UN Security Council 1267/1989 List UN Procurement Division List or Other UN Ineligibility List. |
| Yours Sincerely.   |