TA-9555 IND: Supporting Logistics Sector Development - IT 1 Individual Expert – IT Web Consultant (52062-001)

Date Published: **06-Jan-2023**   Deadline of Submitting EOI: **12-Jan-2023 11:59 PM Manila local time**

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Profile | **Terms of Reference** | **Cost Estimate**

Terms of Reference (Individual Consultant)

Expertise	**IT Web Consultant**	Consultant Source	**National**
Expertise Group	**Information Systems**	TOR Keywords	**IT Web Consultant**

Objective and Purpose of the Assignment

Asian Development Bank (ADB) is extending capacity building support to Department of Logistics under the technical assistance program for supporting Logistics Sector Development

Under this, ADB is requested by Logistics Department to extend IT Capacity Building Support for the various web portals which are already launched and under execution/planning by the department for the industry stakeholders. The IT Capacity Development Web Consultant is expected to deliver the following:

1. Handholding department and other stakeholders for advisory and strategic support for managing the vendors, hosting services and enabling smooth launch.

2. The expert will give the recommendations, suggesting the incorporation/optimization/modification of best practices for the web based portals.

3. The expert will take guidance and work closely with the ADB team to provide inputs, take feedback and come up with the required outputs for the assignment

Scope of Work

The expert/advisor will support the Asian Development Bank's efforts to conceptualize the web-based portals as per the felt need of the stakeholders along with providing support to all the web-based portals as and when requested by the DPIIT stakeholders. The expert will work closely with all the stakeholders from DPIIT and other government and non-government stakeholders to coordinate amongst the actors including ADB, DPIIT and other relevant departments. The expert will draw on her/his past experience of working extensively on gathering user feedback for the web-based portals, implementing GIGW standards, portal development process and work flow automations (if any), reporting and management, e-governance and information management with government organizations, and Government of India organizations.

Detailed Tasks and/or Expected Output

The IT expert shall be required to provide handholding of the Logistics Sector under DPIIT to further build and extend the capacity of the Logistics Sector to handhold for adopting and running the web based portals on their own. Towards this, ADB shall engage the services of an experienced IT Web Consultant/Expert to provide support to the Logistics Sector towards the following key activities:

1. Expert will co-ordinate with relevant Logistics staff and team to provide a review/advisory role to ensure that the existing Logistics portals are up to date.

2. Architecture of the web based portals and integrations with other Government systems. The expert will perform a detailed and comprehensive review of the existing web based portals and identify the gaps with respect to business processes and automations. She/he will undertake gap analysis by considering best practices both nationally and internationally and identify recommendations for modernization. The expert will also be instrumental in understanding the technology and IT related logic required for the web based portals.

3. The expert will give the recommendations, suggesting the incorporation/optimization/modification of best practices for the web based portals.

4. Provide feedback and advice for each of the web portal on the system implementation requirements including Hosting Management, System Administration, Database Administration, Software Support, Technical Support and Enhancements & Modifications.

5. The expert will take guidance and work closely with the ADB team to provide inputs, take feedback and come up with the required outputs for the assignment.

Deliverables
The expert will be required to handhold and provide technical advice and operational support on the following tasks:
1. Configuration Management of Servers.
2. Security Audit Clearances.
3. Coordination for Vulnerability Assessment Clearances.
4. Domain Hosting and Management.
5. Any trouble shooting and maintenance activities required in the server deployment.

6. System design architecture for each Portal including additions/business processing re-engineering.
7. Define Data related parameters including encryption, third party certifications as per Government of India norms and guidelines.

Minimum Qualification Requirements

The expert should preferable have an Engineering Degree in Electrical / Electronics / Computers / Information Technology or Masters in Computer Science. The expert should have at least 20 years of experience in conceptualizing IT web systems for national level implementation in a multi-stakeholder participation ecosystem. He/she should have expertise in designing systems integrating multi-level regulatory or administrative authorities like Central Government, State Governments, Ports, Customs, etc., and beneficiaries like Importers, exporters, producers, etc. The expert should have excellent communication skills and prior experience in undertaking consulting assignments for senior government clients.

Minimum General Experience	**15 Years**
Minimum Specific Experience (relevant to assignment)	**15 Years**
Regional/Country Experience	⦿ **Required** ○ **Desired** ○ **Not Required**

Deliverables

Details	Name	Type	Estimated Submission Date
⊞ Show	Inception Report	Report	
⊞ Show	Interim Report	Report	
⊞ Show	Draft Final Report	Report	
⊞ Show	Final Report	Final Report	

Schedule and Places of Assignment (chronological and inclusive of travel)

Schedule Type   ○ **Continuous**   ⦿ **Intermittent**
Max. Working Days/Week   Home Office **5**   Field **6**

City and Country	Working Days	Estimated Start Date	Estimated End Date	Other Details (use if place selected is Others)
Other City, India	44	01-Feb-2023	15-Apr-2023	Online submission
Home Office, Other	44	16-Apr-2023	30-Jun-2023	Review
Total	**88**			

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