JOB TITLE	IT Specialist - I	REPORTS TO	Project Director
CLASS/ SALARY SCALE	Salary is Negotiable	AUTHORITY OVER	o IT Specialist - II o Senior Cybersecurity Officer o Senior ICT Specification Officer o Senior Data Harmonization Officer
JOB SUMMARY & OBJECTIVES	Government of Sri Lanka has decided to establish a Trade National Single Window System as a single entry point for submission of documents and data requirements by the traders on their cross border trade flows (Imports, Exports and Transshipments) to the Border Trade Regulatory Agencies. This gateway is intended to simplify the data exchange and its interoperability across those agencies and traders through streamlined electronic transactions. The result of such process shall also be notified to the applicants through the automated Trade National Single Window System. Trade National Single Window System Project (TNSWS) will be implemented by three (3) stages namely, Preliminary Stage, Implementation Stage and Operational Stage over a period of 36 months approximately and the implementation will be led by the TNSWS Project Implementation Unit (PIU). The **IT Specialist – I** will manage the design, implementation, and operationalization of the TNSWS, PIU's information and communication technology applications, requirements, operations, processes, and systems. In addition, the IT Specialist – I will be expected to: • Provide technical input and support to the Project Director to finalize the detailed TNSWS Implementation Plan and the budget; • Work closely with the PIU subject matter experts and other relevant stakeholders to reach a consensus on the blueprint and provide technical input on business process re-engineering, fee and revenue models, legislative framework, etc.; • Lead the preparation of detailed functional requirements and technical specifications for the TNSWS based on the blueprint; • Manage and oversee the implementation and integration of the TNSWS ICT platform, systems, hardware networks, and software applications; • Lead and facilitate the execution of the TNSWS's business processes and process reengineering activities, the integration, harmonization, and streamlining of TNSWS data requirements, and the NSW's cybersecurity procedures and safeguards; • Liaise with relevant GoSL agencies and private sector stakeholders to gain buy-in and streamlined use of selected ICT systems and processes; • Supervise the ICT Design and Delivery team to ensure direct reports' work products are high-quality and delivered on time; • Facilitate and monitor design front-end portals as well as back-office IT systems for storage and archival databases and mechanisms for electronic information exchange between the TNSWS and legacy systems; • Oversee the prototyping, testing, piloting, roll-out, and maintenance of all TNSWS systems to validate the architecture and obtain user feedback; and • Ensure interoperability with existing government and trade systems through adapters and interfaces.

REQUIRED SKILLS & EXPERIENCE	I. Academic Qualifications o Bachelor's Degree in Computer Science or Information Technology or Software Engineering or a relevant field (Master's Degree in relevant field is preferred); or o An equivalent qualification in the relevant field; and o Certification in Project Management. II. Work Experience & Skills: o Minimum 09 years of experience related to large-scale ICT systems, out of which at least 04 years of experience should be in Managerial Level; o Ability to manage ICT systems and drive ICT systems and process changes for organizations; o Strong knowledge of relevant Single Window / Integrated applications and systems (experience working with ASYCUDA or a similar system); o Proven track record of designing and implementing high-quality work products; o Fundamental knowledge of software architecture patterns, cloud computing, networking, and security concepts; o Demonstrated real-world architecture experience (certifications in solutions architecture or cloud platforms, preferred); o Excellent academic track record indicative of analytical and problem-solving abilities; o Professional certifications in hardware or software related to planned or existing IT systems (such as ITIL 3 or 4, CompTIA A+, Network + and/or Security +, MCSE/MCSD etc.), preferred; o Hands-on experience with implementing NSWs or similar work with the UNNExT Data Harmonization Guide for Single Window Environment Guide preferred; and o Experience working for or engaging with the GoSL preferred. III. Language Requirements: o Fluency in English, Sinhala and/or Tamil