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| **TO:** | **Mr Takayuki Hagiwara**  Chief, TCIB | | DATE: | 4 August 2017 |
| **SUBJECT:** | **Indonesia: FAO - World Bank Cooperative Programme – One Map Technical Assistance and Project Preparation and Scoping Mission for the E-Land Administration Initiative**  **Terms of Reference** ICT Specialist | | | |
| **SPECIALIST REQUESTED:** | Mr Alexander Solovov  FAO ICT Consultant | | | |
| **EXPECTED START DATE OF ASSIGNMENT:** 20 August 2017 | | **DURATION:** 13 days mission + 2 days report writing at duty station | | |
| **TENTATIVE MISSION DATES AND ITINERARY:** August 20 – September 1, Jakarta and field visits | |
| **REPORTS TO:** | Mr Mika-Petteri Törhönen, WB TTL of the above project  under the overall supervision of Mr Takayuki Hagiwara, Chief, TCIB | | | |

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| **BACKGROUND, Description of tasks and objectives to be achieved** | |
| **I. Background**  The 2011 One Map policy of the Government of the Republic of Indonesia strives to establish a unified set of geospatial data on land and natural resources use for decision making at national and sub-national levels. It is a tool to compile and access publicly a common land use map of forests, fields, villages, reserve lands, etc. across Indonesia, enhance the registration of state lands to the single land book and cadastre of public and private lands, as well as a mechanism to identify private and communal rights and *adat* land holdings and integrate them to the single unified land book and cadastre.  The implementing agency is the National Land Agency: ATR/BPN. There are several initiatives underway, including One Map: Phase I. Technical Assistance and Capacity Development to Operationalize the One Map Policy (One Map TA, 18 months), and Phase II. Acceleration of One Map Policy Implementation (One Map Project, 5 years), – both with the development objective to establish clarity on land use at the village level. The Government of the Republic of Indonesia and the World Bank have agreed on support for preparing and implementing the One Map program. Other initiatives that are linked to the One Map project are also being developed. An ICT Specialist is required to join the One Map task team of the World Bank.  **II. General Objectives of the Assignment**  The ICT Specialist will join the World Bank’s One Map TA and Project preparation mission to Indonesia in August 2017. The consultant will be responsible for identifying and scoping ICT investments for the project, and supporting BPN/ATR in finalizing plans for the Electronic Land Registration Technical Assistance Initiative, and finally ensuring coherence and integration between the One Map project and Electronic Land Administration initiatives.  **III. Specific Tasks**  Specifically, within the framework and guidance of the *Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests in the Context of National Food Security* (VGGT) Mr Solovov will:   * 1. Travel to Jakarta, join the World Bank team preparing the One Map TA and Project and work closely with the main stakeholders in the ATR/BPN and other agencies.   2. Conduct general assessment of existing ICT resources of ATR/BPN (i.e. online services, user requests volume and demands, data size, network stress, server capacity, security level, interoperability, and human capacity) to finalize plans of e-Land Administration System.   3. Contribute to One Map Project preparation, particularly designing system development activity based on the technical analysis (b) during the mission.   4. Support the TTL with relevant inputs to the mission Aide-Memoire.   **IV. Working Arrangements and Schedule of Work**  Mr Solovov will join the mission in Jakarta and field visits in other districts together with the mission team. On completion of his work, Mr Solovov will submit an Assignment Summary Report (ASR) to TCIB Service Chief’s office, together with a copy of any materials he might have prepared or contributed to for the purpose of the work carried out under the terms of assignment.  **V. Charge Code**  The charge code for this task is PE-P160661-LEN-BB. | |
| **KEY PERFORMANCE INDICATORS** | |
| Expected Outputs: | Required completion date: |
| Tasks described above carried out satisfactorily as certified by Mr Mika-Petteri Törhönen, TTL | NTE 30 September 2017 |
| Assignment Summary Report (ASR) and attachments submitted to TCIB Service Chief’s office and cleared by Service Chief | NTE 30 September 2017 |