

REQUEST FOR EXPRESSIONS OF INTEREST CONSULTING SERVICES – INDIVIDUAL CONSULTANT

THIS IS A RE-PUBLICATION OF THE REOI. THOSE WHO SUBMITTED EXPRESSIONS OF INTEREST DURING THE FIRST ROUND NEED NOT RE-SUBMIT, BECAUSE THEIR EXPRESSIONS OF INTEREST WILL BE CONSIDERED IN THE EVALUATION.

**Republic of Serbia
Enabling Digital Governance in Serbia (EDGE)
Project ID No. P164824**

Assignment Title:

- **Individual Consultant (short term) – IT Consultant for Preparation of proposal for Technical and Functional Specification of the Disaster Recovery Data Centre (DRDC), Reference No. SER-EDGE-IC-CS-20-15**

The Republic of Serbia has received financing in the amount of US\$ 50,000,000 equivalent from the World Bank toward the cost of the Enabling Digital Governance Project (EDGE), and intends to apply part of the proceeds for consulting services. EDGE will be jointly financed by the Republic of Serbia in the amount of US\$ 5,000,000.

The scope of assignment for consulting services of **Individual Consultant (short term)** include: technical guidance to the process of planning and execution of technical solutions (Software and Hardware) for DRDC facility. The Consultant's duty is also to review the current state of the primary data center (DC), and to prepare recommendations for DRDC development. The Consultant should prepare recommendations for integration of relevant products and services within DRDC itself and also between DC and DRDC, followed by advises on the foundation of cyber security related requirements, operational compliance, development of tools, technology, methods, services and solutions. The Consultant shall provide guidance to Office for IT and eGovernment (OITeG) and Project Implementation Unit (PIU) on data center infrastructure designs and data security to support of a large scale and complex IT infrastructure, system integrations, and business process for provisioning data center services in support of client requirements. In addition, the Consultant will prepare a roadmap for the future DRDC and DC and infrastructure services, cloud services, and security services domains, provides leadership and effectively communicates with all levels of management - including “C-level” in areas related to data center solution architecture and future technical strategy. The Consultant shall be responsible for the following deliverables: Phase 1 – Inception Report (45 days after contract signing), Phase 2 – High Level DC and DRDC Expansion Assessment Report (75 days after finishing Phase 1), and Phase 3 - Final Report (30 days after finishing Phase 2).

Required qualifications:

- Master Degree or four (4) year degree in Information Technology and 15 years of relevant experience to include major cloud service providers.

- Must have at least 10 years of recent experience in leading large enterprise and government cloud projects.
- Proven experience in development of relevant documentation for implementation of the government's disaster recovery data centers. Strong capability and extensive experience in interpreting datacenter cloud architecture and security requirements and advising on technical solutions in the form of conceptual, logical, and physical designs, including the ability to articulate those concepts both verbally and in writing – Serbian and English preferred.
- Have a strong background in both private and public cloud environments, migrations and cloud native development. Being familiar with most major public clouds (e.g. AWS, Azure, GCP) and have experience in setting up everything from single instances to complex managed and distributed services.
- Extensive experience with virtualization and software defined datacenters, with virtualization tools from VMware, Openstack and similar.
- Have strong interest in Infrastructure-as-a-Code with various cloud frameworks, such as Terraform, CloudFormation and other automation frameworks.
- Have experience in design and delivery of systems based on public cloud IaaS, various PaaS, SaaS and CaaS offerings, as well as exposure to different architecture models such as all-in and hybrid cloud.
- Experience operating workloads leveraging PaaS, SaaS and CaaS solutions, such as Kubernetes, CloudFoundry and others.
- Have experience with continuous integration, continuous deployment, continuous delivery, and automation tools, such as Jenkins, Bamboo, Concourse, Spinnaker, and others.
- Must demonstrate strong skills in defining cyber security compliance solution design.
- Ability to synthesize solution design information, architectural principles, available technologies, third-party products, and industry standards to advise on a data center architecture that meets client's data requirements.
- Extensive experience on a broad spectrum of technology areas, including cloud solution design, cloud migration and operation, IT service management, data center modernization, advanced networking, mobility, cyber security, data classification, compliance implementation, change management, disaster recovery and business continuity, incident response, risk management and security audits.
- Strong intellectual curiosity in exploring and learning new technologies, technology trends, forthcoming industry standards, new products, and the latest solution development techniques; ability to leverage this knowledge to formulate technical solution strategy.
- Experienced in delivering presentations, leading meeting discussions with customers and team members at all levels (including “C-level”).
- Experience working with Oracle, Microsoft 365, Microsoft Azure, Amazon Web Services (AWS), Google Cloud or other cloud providers.
- Experience with cyber security strategy and ability to design and architect solutions based on policies and standards such as CSIRT, ENISA, FEDRAMP, NIST, etc.

Preferences will be given to consultants with:

- ISC2 - CISSP or CCSP certified
- Microsoft certified
- Cisco certified
- AWS / GCP / Azure certified
- CKA/CKAD certified.

The detailed Terms of Reference for the above referenced consulting services is posted on the website of the Office for Information Technology and e-Government <https://www.ite.gov.rs/edge>.

The Central Fiduciary Unit (CFU) of the Ministry of Finance now invites eligible Consultants to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services.

The evaluation criteria for the assignment:

- Specific Experience relevant to the Assignment (40 Points)
- Qualifications and Competence relevant to the Assignment (60 Points)

The attention of interested Consultants is drawn to paragraph 3.14, 3.16 and 3.17 of the *World Bank's Procurement Regulations for IPF Borrowers – Procurement in Investment Project Financing Goods, Works, Non-Consulting and Consulting Services (July 2016, revised November 2017 and August 2018)* (“the Regulations”) setting forth the World Bank’s policy on conflict of interest.

A Consultant will be selected in accordance with the *Open Competitive Selection of Individual Consultants* as set out in the Regulations.

Further information can be obtained at the address below during office hours 09:00 to 15:00 hours.

Expressions of interest in English language must be delivered in a written form to the address below by mail, by **June 18, 2020, 12:00 hours, noon**, local time.

Contact:	E-mail:	Address:
To:	ljiljana.krejovic@mfin.gov.rs Ms Ljiljana Krejovic Procurement Specialist	Ministry of Finance Central Fiduciary Unit 3-5 Sremska St
Cc:	ljiljana.dzuver@mfin.gov.rs	11000 Belgrade, Serbia Tel: (+381 11) 2021587
Cc:	edge@ite.gov.rs	

