	TENDER SCOPE OF WORK **Group Information Technology**	**Template Identifier**	240-IT042	**Rev**	1
Eskom		**Effective Date**	April 2023		
		Review Date	April 2028		

Description of Request	Provision of Integration resources for a period of 12 months

1. High level background

Group IT currently has multiple projects running and a number already in the pipeline. With the amount of these projects currently underway, there is not enough internal Integration resources to keep these projects going and delivered on time to fulfil the various business requirements. This request is aimed at getting 4 Integration resources to address the gaps which are experienced in the project environments.

2. Scope of work/Business requirements

The period required for the services will be 12 months due to the complexity of the projects. The resources should hold Diploma/B Degree in IT with 5 years' experience in the integration space using Datapower and Oracle Fusion:

1. Integration Message Modeller X 1
2. Integration Developer X 2
3. Integration Analyst and Designer X 1

All resources should have access to laptop that connect to the internet and have MS Teams.
All employees will be required to sign NDA's.
The resources are to be based at the Eskom head offices at MWP.
Afterhours and weekend work will need to be approved up front before commencing with it.
All documents will be stored on SharePoint (or OpenText when go-live). All documents must be handed over to Eskom before contract expire / replacement of resource
Hourly rates and per km rates to be fixed for contract period. All travel to be pre-approved
All resources should have access to laptop and MS Teams
All resource leave to be pre-approved by Eskom and should be managed to the minimum.
Timesheet so be kept and signed off by Eskom monthly. Only actual hours worked can be claimed. All leave will be non-billable hours.

2.1. Integration Message Modeller

- Extensive Knowledge and experience in Analysis and design of services for integration tools such as Oracle Fusion and IBM DataPower
- Understanding integration concepts like integration patterns, message queues, synchronous/asynchronous flows.
- Proficiency in representing structured data in formats like JSON, XML and knowledge of the CIM model.
- Experience in designing integrated solutions (networks and security) in a DMZ environment.
- Extensive understanding of the testing cycle and the creation of test cases.
- Extensive analytical and problem-solving skills in gathering requirements.
- Be skilled in validating incoming data for correctness, and transformations using tools like XSLT and XML and JSON schemas.

2.2. Integration Analyst & Designer

- Extensive Knowledge and experience in Analysis and design of services for integration tools such as Oracle Fusion and IBM DataPower.
- Experience in creating UML diagrams with tools such as Enterprise Architect.
- Experience in designing integrated solutions (networks and security) in a DMZ environment
- Extensive understanding of the testing cycle and the creation of test cases
- Extensive analytical and problem-solving skills in gathering requirements

2.3. Integration Developer

- Extensive Knowledge and development experience of the Oracle Fusion integration solutions
- Working Knowledge and development experience in technologies such as XSLT, web services, messages, queues, and API's
- Extensive Knowledge and development experience of the IBM DataPower solutions
- Working knowledge of developing solutions which include different networks and extensive security options
- Experience in audit and error transactions
- Experience in troubleshooting, unit testing and code enhancements
- Working knowledge of JAVA programming
- Extensive experience in error handling procedures.

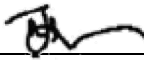### 2.4. Training/Transfer of skills:

There is a requirement for skills transfer to integration on the ground. The candidates will be required to perform coaching regarding the integration activities etc.

3. Service Level Agreement requirements

The resources will be expected to deliver artefacts using templates provided by the Integration Centre of Excellence according to the timelines that will be developed by the Project Manager in consultation with other stakeholders.

4.   Approvals:

End user / requestor:	**Name:**	Mogale Masipa
	Designation:	Middle Manager Support Services
	Date:	02/10/2023
	Signature:	
Senior Manager:	**Name:**	Anthenia Phuku
	Designation:	Senior Manager Business Solutions Development Services
	Date:	03/10/2023
	Signature:	