KUSILE PS Fuel Filling Station Tender Technical Evaluation Strategy Scorecard			
	Mandatory Technical Criteria Description	**Source of Evidence**	**Motivation for use of Criteria**
1	Submission of bidder’s relevant experience in the design and construction of projects related to fuel filling stations with underground storage tanks. List of verifiable references must be provided (including as a minimum: client, contact details of client, duration and location, and project description) indicating the Contractor’s capability and experience.	Provide at least of one (1) reference indicating completion of similar scope of works. Proof of completion shall contain the following information for evaluation purposes: 1) Name of Client where project was executed 2) Project Description 3) Construction period 4) Contract value 5) Contact person	Ensures Design and Construction Integrity including Contractor's Capability and Experience
2	Submission of a signed confirnation letter confirming full compliance to the scope of works without any exclusions.	A signed confirmation letter that the Contractor shall comply to the Full Scope of Work (240-142010037): Kusile Power Station Fuel Filling Station) without any exclusions.	Ensures full compliance to the Scope of works and Bidder's capability to complete the scope of work successfully.

KUSILE PS FUEL FILLING STATION PROJECT

	Description		Weight (%)			Employers Reference	Tenderer's Response (Yes/No)	Tenderer's Returnable Reference	Tenderer's Additional Information	Meet Technical Requirements with no foreseen risks	Meet Requirements with acceptable risks/conditions	Does not meet technical requirements. Has unacceptable risks/conditions associated	Non Compliance/ No information supplied
1	Civil & Structural Evaluation Criteria	Tender Returnables	50							5	4	2	0
1.1	**Design**			20									
1.1.1	The tenderer submits the qualifications and previous work experience of the Lead Civil or Structural Design Engineer.	1. CV of the Lead Civil or Structural Design Engineer (At least 5 years relevant experience). 2. All relevant certificates (At least 5 years relevant experience).			40					CV of the Lead Civil or Structural Design Engineer and all relevant certificates including ECSA's Pr registration. The engineer has a minimum of 5 years' experience in civil or structural design.	CV of the Lead Civil or Structural Design Engineer and all relevant certificates including ECSA's Pr registration. The engineer has at least 3 years experience in civil or structural design.	CV of the Lead Civil or Structural Design Engineer and all relevant certificates including ECSA's Pr registration. The engineer has less than 3 years experience in civil or structural design.	No CV of the Lead Civil or Structural Design Engineer attached and/or no ECSA's Pr registration.
1.1.2	Design Methodology for the design of civils and structural works: The Design Methodology is to clearly provide details of the design method to be followed.	1. Typical design methodology to be used for: a) Proposed Geotechnical Investigations and Safe Underground Excavations. b) Sketch of Proposed General Arrangement for all Equipments (underground storage tanks, fuel dispensers, oil separators, offloading slab, piping route and digital tyre inflator. c) Proposed Civil and Structural Works execution plan which includes high level list and schedule of deliverables. d) Proposed Construction Supervision and Design Assurance, highlighting all intervention points			60					Relevant design methodology detailing civils and structural works, typical design submitted with 4 of 4 remaining criteria.	Design methodology detailing civils and structural works design submitted with 3 of 4 remaining criteria.	Design methodology detailing civils and structural works design submitted with 2 of 4 remaining criteria.	Design methodology detailing civils and structural works submitted less than 2 or no submission or irrelevant information submitted
1.2	**Construction**			30									
1.2.1	Typical construction methodology clearly detailing the construction approach and method to be adopted for all related civil and structural infrastructures.	1. Typical construction methodology, typical method statements for the execution of works: a) Submit typical method statement for Civil and structural works (excavation works, concrete works, structural steel works and storage tanks fabrication & installation) and clearly demonstrating due care for already existing infrastructure. b) Submit typical inspection and test plans for construction activities detailing interventions and inspection by the Contractor, Sub-Contractor and the Employer. c) Submit typical risk assessment for construction activities and risk management plan. d) Submit Commissioning and Handover process to be used			60					Construction methodology detailing civils and structural works submitted with 4 of 4 remaining requirements	Construction methodology detailing civils and structural works submitted with 3 of 4 remaining requirements	Construction methodology detailing civils and structural works submitted with 2 of 4 remaining requirements	Construction methodology detailing civils and structural works submitted less than 2 or no submission or irrelevant information submitted
1.2.2	Contractor including subcontractor's previous experience of similar civil and structural works including underground storage tanks (At least in the 10 years).	Proof of completion shall contain the following information for evaluation purposes: 1) Name of Client where project was executed 2) Project Description 3) Construction period 4) Contract value 5) Contact person			20					Demonstrate experience on similar projects with underground storage tanks. Provide a list of verifiable references or Completion Certificates for three (3) or more similar completed projects.	Demonstrate experience on similar projects with underground storage tanks. Provide Testimonials or Completion Certificates for two (2) similar completed projects..	Demonstrate experience on similar projects with underground storage tanks. Provide Testimonials or Completion Certificates for one (1) similar completed projects.	No information about Contractor/subcontractor's previous experience or no submission.
1.2.3	Project Manager Professionally Registered with SACPCMP (At least 5 years relevant experience).	Tender Returnable : • CV of the Project Manager • Attach all copies of relevant and valid certificates			20					CV of the Project Manager and all relevant certificates including SACPCMP's Pr registration. The Project Manager has a minimum of 5 years' experience in similar construction works.	CV of the Project Manager and all relevant certificates including SACPCMP's Pr registration. The Project Manager has at least 3 years experience in similar construction works.	CV of the Project Manager and all relevant certificates including SACPCMP's Pr registration. The Project Manager has less than 3 years experience in similar construction works.	No CV of the Project Manager attached and or no SACPCMP's Pr registration.

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2	**Mechanical Evaluation Criteria**	**40**	**100%**					**5**	**4**	**2**	**0**
2,1	Mechanical Construction Scope Capacity. Tenderer submits Typical Method Statements which clearly provides details of the construction method to be adopted to execute the Works. Tenderer to submit a typical method statement encompassing the activities listed below as a minimum, provide details including typical data sheets for the proposed equipment: 1) Fabrication & Installation of underground storage tanks 2) Fabrication & Installation of all piping and piping supports (where applicable), pumps, valves, dispensers, oil separators, digital pre-set tyre inflator and any other mechanical equipment fabrication and installation. 3) Welding and Bolting (where required) 4) Hydrostatic and/or Pressure testing (where required) 5) Flushing and Cleaning of Piping		50%					•Tenderer has submitted a typical method statement covering 5 of 5 listed activities	•Tenderer has submitted a typical method statement covering 4 of 5 listed activities	•Tenderer has submitted a typical method statement covering 3 of 5 listed activities	•Tenderer has submitted a typical method statement covering less than 3 listed activities or No submission received or irrelevant information submitted
2,2	CV of Mechanical Engineering Resources dedicated to this project and ECSA registration status. The tenderer to submit, as the primary contractor or a as part of a joint venture the following information for verification purposes: 1. CV of the Mechanical Engineer with a minimum of five years related experience. 2. ECSA professional registration (Pr.Eng/Pr. Tech Eng) of the Mechanical Engineer		25%					CV of the Mechanical Engineer with pump and pipe design experience including ECSA's Pr registration. The engineer has a minimum of 5 years' experience.	CV of the Mechanical Engineer with pump and pipe design experience including ECSA's Pr registration The engineer has at least 3 years experience.	CV of the Mechanical Engineer with pump and pipe design experience including ECSA's Pr registration The engineer has less than 3 years experience.	No CV submitted or unrelated experience.
2,3	Mechanical Design Scope Capacity. Tenderer submits Previous Typical design documentation : 1) HAZOP Report 2) FMECA Report 3) Pipe & Instrumentation and General Arrangement Drawings 4) Operating Philosophy		25%					•Tenderer has submitted a typical design documentation covering 4 of 4 listed design items	•Tenderer has submitted a typical design documentation covering 3 of 4 listed design items	•Tenderer has submitted a typical design documentation covering 2 of 4 listed design items	•Tenderer has submitted a typical design documentation covering less than 2 listed design items or No submission received or irrelevant information submitted

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3	**Control and Instrumentation Evaluation Criteria**	**10**	**100%**					**5**	**4**	**2**	**0**
3,1	Typical operating concept to be used for Fuel Management System: Tenderer submits typical operating concept for Fuel Management System capable of performing the following functions: 1) Identify the filling station operator to prevent unauthorized use of fuel. 2) Identify the vehicle being filled. Only authorized Ekom fleet shall be filled at this filling station. 3) Identify only authorized personnel for system override. 4) Proposal of how the fuel management system data will be captured and extracted for reporting purposes.		50%					•Tenderer has submitted a typical operating concept covering 4 of 4 listed functions.	•Tenderer has submitted a typical operating concept covering 3 of 4 listed functions.	•Tenderer has submitted a typical operating concept covering 2 of 4 listed functions.	•Tenderer has submitted a typical operating concept covering less than 2 listed activities or No submission received or irrelevant information submitted
3,2	Tenderer submits the typical Fuel Station Network Architecture		12,5%					Fuel Network Architecture submitted	N/A	N/A	No submission received
3,3	Tenderer submits the Typical Tank Level Measurement Details		12,5%					Tank Level Measurement Details submitted	N/A	N/A	No submission received
3,4	Location of C&I Equipment and Environmental & Harzardous Location Protection Tenderer submits a signed declaration that the C&I Equipment will be suitable for environment it is located and operated in.		25%					Signed Declaration submitted	N/A	N/A	Submitted declaration not signed or No submission received