

	Technical evaluation checklist for Establishing a Copper Recycling Plant at Komati Power Station	Template Identifier	32-726-17T	Rev	1
		Document Identifier	240-140256	Rev	1
		Effective Date	April 2022		

The three highest scoring bids on the technical evaluation will be considered for financial evaluation.

Evaluation Criteria	Description	Weight (%)	Submission	Actual Score	Comments
			Y = Yes N= No		
Technical Solution & Project Methodology: This assesses the bidder's understanding of the technical work and their plan to execute it. (50%)					
Proposed Plant: List of key equipment to perform the recycling process; and the functionality and throughput capacity of each.	0: Nothing submitted 1: A basic list of key equipment is provided, but descriptions of functionality and throughput capacity are missing. 2: A list of key equipment is provided with a description of each item's functionality, but throughput capacity is not included. 3: A detailed list of key equipment is provided, clearly describing the functionality and throughput capacity of each item. 4: As per '3', plus the list is supported by technical specification sheets, and process flow diagrams.	10			
Equipment Procurement and Availability: For all key equipment and machinery required for the proposed solution, provide the following: 1. The procurement lead time in months, measured from the time of order to delivery on site. 2. The current availability status (e.g., requires manufacturing, available from supplier stock, already in possession).	0: The bidder states the equipment is unavailable, or the documented lead time exceeds 6 months. 1: The availability status indicates the equipment must be procured, with a documented lead time of more than 3 months but less than 6 months. 2: The availability status indicates the equipment must be procured or is available from a supplier, with a documented lead time of less than 3 months. 3: The bidder states the equipment is immediately available (e.g., ex-stock or	20			

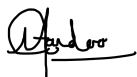
	already in possession) but does not provide supporting documentation as proof. 4: The bidder provides clear supporting documentation that the equipment is immediately available (e.g., ex-stock or already in possession).				
Refurbishment & Site Preparation Plan: Provide a clear description of the scope of works, dependencies and timing of each element: • Structural and non-structural alterations to the identified building (e.g. the erection of plinths). • Upgrades to power and water supply to the identified building, to serve the recycling equipment. • Security infrastructure upgrades to the premises (e.g. perimeter barriers, security lighting, camera surveillance, access control). • Weighbridge refurbishment.	0: No plan is provided. 1: Submitted plan is generic and fails to specifically address the four required elements of the refurbishment works. 2: The plan addresses some, but not all, of the four required elements. For the sections covered, the description of the scope, timing, or dependencies is vague or incomplete. 3: A detailed plan is provided that clearly describes the scope of works, dependencies, and timing for all four required elements: building alterations, utility upgrades, security upgrades, and weighbridge refurbishment. 4: As per score '3', plus the plan integrates all elements into a cohesive project schedule and is supported by preliminary designs or technical specifications, demonstrating a comprehensive understanding of the site preparation requirements.	10			
Equipment installation and Commissioning Plan: A detailed project plan with timelines/dates and milestones (e.g., Gantt chart) and dependencies (e.g. waste processing registration, second hand goods dealer/recycler registration).	0: No plan is submitted. 1: The submission is a simple list of tasks that lacks clear timelines, milestones, and dependencies. 2: A basic plan or timeline is submitted. It outlines key activities and dates but lacks detail on specific milestones and fails to identify critical dependencies. 3: A detailed project plan (e.g., Gantt chart) is provided. It clearly shows timelines, specific milestones for tracking progress, and identifies all key dependencies, including regulatory approvals.	10			

	4: As per score '3', plus the plan is comprehensive. It includes a risk mitigation strategy for potential delays, a resource allocation plan, and a clearly defined critical path, demonstrating superior planning.				
Company Capability & Experience: This assesses the bidder's proven ability to deliver a complex, turnkey project. (25%)					
Project Manager Diploma/Degree in Electrical/Mechanical Engineering, min 5 years' experience,	1: Fails to meet requirements. Required CVs are missing, or most of the proposed personnel do not meet the minimum 5 years of relevant experience. 2: Partially meets requirements. Some, but not all, of the proposed key personnel meet the minimum 5 years of relevant experience. 3: Meets requirements. CVs for all four key positions are provided, and all personnel demonstrate the minimum 5 years of relevant experience.	5			
Mechanical Artisan Mill Wright (5-10 years' experience)	1: Fails to meet requirements. Required CVs are missing, or most of the proposed personnel do not meet the minimum 5 years of relevant experience. 2: Partially meets requirements. Some, but not all, of the proposed key personnel meet the minimum 5 years of relevant experience. 3: Meets requirements. CVs for all four key positions are provided, and all personnel demonstrate the minimum 5 years of relevant experience.	5			
Operations & Maintenance Supervisor Matric Certificate + Degree/Diploma, min 5 years' experience	1: Fails to meet requirements. Required CVs are missing, or most of the proposed personnel do not meet the minimum 5 years of relevant experience. 2: Partially meets requirements. Some, but not all, of the proposed key personnel meet the minimum 5 years of relevant experience. 3: Meets requirements. CVs for all four key positions are provided, and all personnel	5			

	demonstrate the minimum 5 years of relevant experience.				
Job Creation Planning Specialist Degree/Diploma in Economic development and planning, min 5 years' experience	1: Fails to meet requirements. Required CVs are missing, or most of the proposed personnel do not meet the minimum 5 years of relevant experience. 2: Partially meets requirements. Some, but not all, of the proposed key personnel meet the minimum 5 years of relevant experience. 3: Meets requirements. CVs for all four key positions are provided, and all personnel demonstrate the minimum 5 years of relevant experience.	5			
SHEQ Officer/s Min 2 years' experience Environmental – Degree/Diploma in Environmental Management Health & Safety – SAMTRAC certificate or Diploma in safety Quality - min 2 years' experience	1: Fails to meet requirements. Required CVs are missing, or most of the proposed personnel do not meet the minimum 2 years of relevant experience. 2: Partially meets requirements. Some, but not all, of the proposed key personnel meet the minimum 5 years of relevant experience. 3: Meets requirements. CVs for all four key positions are provided, and all personnel demonstrate the minimum 2 years of relevant experience.	5			
Socio-Economic Development (JET Alignment): This assesses the bidder's commitment and plan to meet the project's critical Just Energy Transition objectives. (10%)					
Local Job Creation Plan: A credible plan for the recruitment of the local workforce. The plan must outline number of positions to be filled, job roles, recruitment methodology, timelines, and training.	0: No plan submitted. 2: A plan is submitted but is missing key components (roles, methodology, timelines, or training). 4: A detailed plan containing all four components is submitted.	10			
Operations & Maintenance Plan: This assesses the bidder's strategy for the two-year operational phase. (15%)					
Operations Plan: 24-Month Operations Plan: Submit a comprehensive and credible Operations Plan for the required 24-month period. The plan must detail: 1. The methodology for dismantling unused copper cabling from KPS.	0: No plan submitted. 1: The plan is superficial and fails to address the key elements. Any projections provided are not credible or are unsupported. 2: The plan addresses dismantling, throughput, and maintenance, but the	15			

2. A strategy for ensuring operational viability for minimum of 20 tons per months and maximum of 300 tons per month over 2 years.	details are not credible (e.g., throughput projections exceed equipment capacity). The plan fails to address the business viability requirement. 3: A credible and logical plan is provided for all three operational elements (dismantling, throughput, maintenance). The strategy presents a plausible, high-level strategy to remain viable (e.g., plans to source additional material). 4: As per score '3', plus the plan presents a comprehensive strategy for ensuring operational viability. It provides specific, actionable details on how feedstock will be secured. The plan is integrated and demonstrates a strong command of operational and commercial risks.				
---	--	--	--	--	--

COMPILED BY:



Signature

Melissa Naidoo

Name

09/10/2025

Date

APPROVED BY:



Signature

Tebogo Lekalakala

Name

09/10/2025

Date