Technical criteria -Phelophepa Mobile Clinic Vehicle PD-PDC-NAT-SPEC-0529.

Transnet reserves the right to undertake physical facility and employee audits

Element	Requirement	Weighing	Rating Matrix		Evidence	Bidder's Response/Comments
Experience in Automobile Vehicle Conversions	Demonstrated experience in designing and converting specialized automobile vehicles such as mobile clinics, ambulances, mobile laboratories, emergency response vehicles or similar healthcare-related vehicles.	**20**	The bidder must have successfully completed more than eight (8) vehicle conversion projects, with proven experience in healthcare and mobile clinic vehicle conversion projects in the last 5 years.	**20**	**Submit the following documents:** • Client reference letter/s per project • Purchase orders/contracts/completion certificate/s per project • Project portfolio with photographs (per project) • Project descriptions indicating scope and completion dates (per project)	
			The bidder must have successfully completed between 4-7 vehicle conversion projects, with proven experience in healthcare and mobile clinic vehicle conversion projects in the last 5 years.	**15**		
			The bidder must have successfully completed between 1-3 vehicle conversion projects, with proven experience in healthcare and mobile clinic vehicle conversion projects in the last 5 years.	**5**		
			The bidder must have successfully completed 0 vehicle conversion projects, with proven experience in healthcare and mobile clinic vehicle conversion projects in the last 5 years.	**0**		
Technical Solution and Design Approach	Proposed mobile clinic vehicle solution as per specification PD-PDC-NAT-SPEC-0529 or beyond the minimum specification requirements.	**20**	**Design Capability**			
			Complete dimensioned conceptual design and general arrangement layout	**3**	Dimensioned 2D/3D drawings showing dimensions, equipment positions, access routes, working areas and identified spaces	
			Incomplete or no dimensioned conceptual design and general arrangement layout	**0**		
			Integration of all required technical systems	**3**	System integration drawing, interface matrix or coordinated layout identifying mechanical, electrical systems, plumbing, HVAC and other applicable interfaces	
			Incomplete or no Integration of all required technical systems	**0**		
			Innovation and Value-Added Features			
			Safety or regulatory improvement	**2**	Risk reduction explanation, applicable drawing/datasheet and verification method	
			Incomplete or No Safety or regulatory improvement	**0**		
			Energy, fuel, water or resource-efficiency improvement	**2**	Technical calculation or certified performance data comparing the proposed solution against the specified baseline	
			Incomplete or No energy, fuel, water or resource-efficiency improvement	**0**		
			Reliability or maintainability improvement	**1**	Demonstrated reduction in failure exposure, service effort, downtime or replacement complexity	
			Incomplete or No Reliability or maintainability improvement	**0**		
			Operational Functionality			
			Complete operational workflow	**1**	Workflow diagram showing users, activities, sequence, movement routes and operational interfaces	
			Incomplete or No operational workflow	**0**		
			Ergonomic suitability	**1**	Dimensioned layout and ergonomic assessment showing work heights, reaches, seating, controls and usable working space, where applicable	
			Incomplete or No ergonomic suitability	**0**		
			Accessibility and safe movement	**1**	Layout showing normal access and exit, emergency exit, clearances and, shutdown, isolation, evacuation plan	
			Incomplete or No accessibility and safe movement	**0**		
			Maintenance Considerations			
			Safe access for inspection and maintenance	**2**	Dimensioned drawings showing access panels, maintenance clearances, isolation points and service positions	
			Incomplete or No Safe access for inspection and maintenance	**0**		
			Preventive maintenance requirements for systems	**2**	Asset-specific maintenance schedule stating tasks, intervals, skills, tools, consumables and estimated service duration	
			Incomplete or no preventive maintenance requirements for all systems	**0**		
			Equipment removal and replacement method for all systems	**2**	Removal and replacement method showing routes, lifting provisions, component isolation and reinstatement requirements	
			Incomplete or No Equipment removal and replacement method for all systems	**0**		
	Availability of suitably qualified		**The bidder shall provide a suitably qualified and experienced project team with a minimum of five (5) years' relevant experience in vehicle conversion projects. The proposed team must include the following personnel and disciplines:** i. One (1) Project Manager with a minimum of five (5) years' experience managing vehicle conversion projects. ii. One (1) Mechanical Engineer (registered as a Professional Engineer with the Engineering Council of South Africa) and One (1) Electrical Engineer, each with a minimum of five (5) years' relevant experience. iii. Vehicle Conversion Specialists with demonstrable experience in vehicle design, modification, and fit-out. iv. Certified Welders holding relevant welding qualifications/certifications. v. Quality Assurance Personnel responsible for quality control and compliance throughout the project.	**20**		

Engineering Capability and Project Team	personnel with more than 5 years experience in vehicle conversion projects: i. Project manager ii. 1 x mechanical & 1 x electrical engineers (Alteast one engineer to be a registered Proffesional Engineer with ECSA) iii. Vehicle conversion specialists iv. Certified Welders v. Quality assurance personnel	**20**	**The bidder shall provide a project team comprising all the required disciplines listed below. The proposed team members must have less than five (5) years' relevant experience in vehicle conversion projects. The team shall include:** i. One (1) Project Manager ii. One (1) Mechanical Engineer (registered as a Professional Engineer with the Engineering Council of South Africa) and One (1) Electrical Engineer. iii. Vehicle Conversion Specialists iv. Certified Welders v. Quality Assurance Personnel	**15**	**Submit the following documents:** Bidders must submit CVs, qualifications, professional registrations, and relevant certifications for all proposed key personnel as evidence of compliance with this requirement.	
			The bidder has proposed an incomplete project team, with one or more of the required disciplines not represented, and demonstrates less than five (5) years' relevant experience in vehicle conversion projects. The required team composition includes: i. One (1) Project Manager ii. One (1) Mechanical Engineer (registered as a Professional Engineer with the Engineering Council of South Africa) and One (1) Electrical Engineer. iii. Vehicle Conversion Specialists iv. Certified Welders v. Quality Assurance Personnel	**10**		
			Insufficient capability demonstrated The bidder has proposed no project team and demonstrates no relevant experience in vehicle conversion projects	**0**		
Manufacturing Capacity and Quality Management	Ability to manufacture, convert, test and deliver the mobile clinic in accordance with the specification PD-PDC-NAT-SPEC-0529	**20**	**Excellent Manufacturing Capacity and Quality Management:** *Fully established manufacturing facility with a documented Quality Management System .* i. Dedicated production and assembly areas ii.Dedicated Testing and commissioning facilities. iii. Comprehensive quality inspection and control processes. iv. Specialized equipment and tools specifically suited for vehicle	**20**	**Submit the following documents:** •Factory/facility details • Documented Quality Management process • Facility photographs and equipment list to be used for the vehicle conversion •Test and commissioning methodology/plan	
			Good Manufacturing Capacity and Quality Management: *Established manufacturing facility with a documented quality management process.* i. Dedicated production areas. ii. Adequate testing and commissioning facilities. iii. Formal quality control procedures. iv. Normal Equipment & tools suitable for specialized vehicle conversion projects.	**15**		
			Basic Manufacturing Capacity and Quality Management: *Manufacturing facility with basic production areas and equipment suitable for vehicle conversions.* i. Basic production areas ii. Limited testing capability. iii. Basic quality control processes. iv. Limited specialized equipment and tools.	**10**		
			No Manufacturing Capacity or Quality Management System No manufacturing facilities, vehicle conversion capabilities, testing facilities, or documented quality management processes demonstrated.	**0**		
Project Execution Plan and Delivery Programme	Demonstrated ability to manage, execute, test, commission, and successfully deliver the project within the required six (6) month period, supported by a detailed project schedule and implementation methodology.	**20**	**Project Programme Includes:** i. Clearly defined milestones, deliverables, dependencies, and critical activities. ii. A comprehensive project execution methodology. iii. Detailed risk identification, assessment, management, and mitigation strategies. iv. A realistic and achievable project schedule demonstrating all activities from project inception through manufacturing, testing, commissioning, and final handover.	**20**	**Submit the following documents:** •Detail Project execution plan including Gantt chart showing all project deliverables and activities with timelines. • Comprehensive Risk register and corresponding mitigation plan. •Delivery Schedule	
			Project Programme Includes: i. Well-defined milestones, deliverables, and key activities. ii. Adequate project execution methodology. iii. Risk identification and mitigation measures addressing the key project risks. iv. A realistic delivery schedule demonstrating the major project phases and timelines from inception to handover.	**15**		
			Project Programme Includes: i. Limited milestones, deliverables, and critical activities. ii. Basic project planning information. iii. Limited evidence of risk identification, management, and mitigation. iv. Delivery schedule demonstrates less realistic or insufficiently detailed timelines from project inception to handover.	**10**		
			Project Programme Includes: i. Insufficient or No Planning Information ii. No meaningful project execution plan submitted. iii. No clear milestones, deliverables, or critical activities. iv. No evidence of risk management or mitigation planning. v. No realistic delivery programme provided.	**0**		
Total Score		**100**				
Threshold		**85**				

Compiled by: Prince Makala **Date:** 21.10.2026

Signature: _____

Rev.04