THE SUPPLY, DELIVERY, ASSEMBLING, COMMISSIONING AND MAINTANANCE OF TRAUMA BED WITH MATTRESS IN VARIOUS HEALTH CARE FACILITIES IN MPUMALANGA

NOTE: (I)SHOULD THE EQUIPMENT OFFERED DEVIATE FROM ANY SPECIFIED REQUIREMENTS, FULL DETAILS OF SUCH DEVIATIONS MUST BE GIVEN.

(II) IN THE EVENT OF THE AVAILABLE SPACE BEING INSUFFICIENT, SUCH DETAILS MUST BE GIVEN ON A SEPARATE SHEET, INDICATING THE RELEVANT PARAGRAPH NUMBER IN SPECIFICATION.

SPECIAL CONDITION OF CONTRACT

This document establishes the requirements The Supply, Delivery, Assembling, Commissioning and Maintenance of Trauma Bed with Mattress in Various Health Care Facilities in Mpumalanga

1. Bidders must submit the **SAHPRA** License with the bid on or before the closing date.

2. The equipment offered must comply with or exceed all the minimum performance specifications as indicated below for the various subcomponents, supported by factory-supplied product specifications/brochures. The OEM original brochure for the item offered, the brochure must be in colour and clearly labelled with the equipment offered or operation manual. The brochure should not be self-made by Bidder.

3. Descriptive literature, pamphlets and brochures and technical data sheets applicable to the offer (i.e., all components of system) must accompany the bid, failing which the bid will not be considered.

4. The equipment and any accessories ordered from the successful bidder will be delivered, installed, tested, calibrated, demonstrated (including specific training) and commissioned at the expense of the successful bidder, prior to full payment being made.

5. The Department reserves the right to request further technical information from any bidder after the closing date.

6. The Department reserves the right to verify information and documentation of the bidder(s).

7. The Department reserves the right to negotiate with the shortlisted bidders prior to award and with the successful bidder post award.

8. The Department reserves the right to conduct supplier due diligence prior to final award or at any time during the contract period and this may include pre-announced/ non-announced site visits. During the due diligence process the information submitted by the bidder will be verified and any misrepresentation thereof may disqualify the bid.

9. Suppliers are not allowed to deliver a different product other than the one awarded to them.

10. All deliveries or dispatches must be accompanied by a delivery note stating the official order number against which the delivery has been affected.

11. Detailed specifications for the above stated equipment are attached.

12. Specifications for the supply, delivery, installation, commissioning and maintenance of trauma bed with theatre light

2. **Validation Period.**

The Bid is valid for ninety (90) days after the closing date.

3. **Briefing Session**

There will be no briefing session for this bid.

4. THE EVALUATION SHALL BE CONDUCTED BY THE BID EVALUATION COMMITTEE AS FOLLOWS:

4.1. EVALUATION METHODOLOGY

General

The evaluation shall be conducted by the Bid Evaluation Committee as follows:

Administrative requirements – Phase 1

Functionality – Phase 2 and

Evaluation in terms 80/20 preferential point system – Phase 3

ADMINISTRATIVE REQUIREMENTS – Phase 1

No	Compulsory Returnable Documents	Attached YES / NO
1.	**SBD 1** - Invitation to bid.	yes
2.	**SBD 4** – Bidders Disclosure.	yes
3.	**SBD 6.1** - Preference points claim form in terms of the Preferential Procurement Regulations 2022. Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.	yes

SPECIFICATION FOR 42 TRAUMA BED WITH MATTRESS

WEIGHTING: A hash (#) in the weight column indicates that an item is an essential requirement and a bidder will be disqualified if this requirement is not met.

Item	Requirements	Weight	Complies Yes/No	Comments, Motivations and Explanations
	Technical Specification			
1.1	This specification requires the supply, commissioning and end user training of a 42 trauma bed with full-length radio-translucent mattress platform	#		
1.2	The trauma bed design must be engineered to optimize patient transport, emergency maneuverability, and space efficiency in high-stakes medical environments.	#		
1.3	The core structure of the trauma bed must be made from a heavy-duty galvanized or stainless-steel tubing with heavy-duty steel frames with antimicrobial powder coatings, electric or hydraulic actuators.	#		
1.4	For coating and protection, the frames should undergo electrostatic spray coating or epoxy powder coating, protecting against rust, corrosion, and cleaning agents. The bidder should state if there are any other mechanism used for coating and protection.	#		
1.5	The design must be such that it can accommodate standard size X-ray cassettes with full length cassette deck. The deck design must allow the positioning of cassettes at any point under the patient, from head to foot and from side to side.	#		
1.6	A full-length sliding x-ray cassette tray access to provides ultimate imaging flexibility from head to foot. X-ray lift platform accepts all standard-size X-ray cassettes and grids.	#		
1.7	The unit must have a mechanism that provides easier articulation of the head section and prevents patients from slipping down the mattress.	#		
1.8	The unit must have full perimeter bumpers to protect the bed and walls of the rooms in the event of collision.	#		
1.9	The unit must have dual-side hydraulic controls pedals for height and tilt adjustment.	#		
1.10	The trauma bed must have folding coated safety side rails with stainless steel column guardrail cover almost entire length of bed.			
1.11	The design of the side rails should offer enhanced patient security when raised and should be completely out of the way when lowered, to ensure zero transfer gaps.	#		
1.12	The Trauma bed must have assisted backrest adjustment to increase patient comfort.	#		
1.13	For quick patient access the trauma bed should have a lift pedal which can be controlled manually or electronically.	#		
1.14	The trauma bed must be equipped with four brake pedals(on castors of at least 200mm diameter or above with high quality bearings) on all sides of the bed to make the brakes more flexible and life span longer.	#		
1.15	The fifth wheel must be intergrated on the trauma bed to provide smaller radius of gyration(i.e effective distance from an axis of rotation where the total mass(or area) of a body could be concentrated to produce same moment of inertia)	#		
1.16	The design of the fifth-wheel on a trauma bed must be such that it improves maneuverability, allowing a single "user" to easily steer, pivot, and navigate tight corners without physical strain.	#		
1.17	It must be possible for this central wheel to lock into place to prevent "drifting" during rapid transport through crowded hospital corridors	#		
1.18	Castors must comply with the latest issue of SANS 621 or equivalent international Standards	#		

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1.19	**The trauma bed must have the following general features:**			
1.18.1	An active hand brake	#		
1.18.2	Dual height push and pull handles	#		
1.18.3	Protected side rails	#		
1.18.4	Full length X-Ray platform	#		
1.18.5	Trendelenburg/reverse Trendelenburg	#		
1.18.6	Simple activation maneuvering			
1.18.7	Must have Drip rod included	#		
1.18.8	Dual-sided foot pedals for hi-lo (and Trendelenburg/reverse	#		
1.18.9	Bracket for attachment of Oxygen therapy and suction equipment	#		
1.18.10	Storage for Oxygen cylinder	#		
1.18.11	Storage for patient belongings	#		
1.18.12	Patient notes holder	#		
1.18.13	Safe Working Load of 250kg or above	#		
1.18.14	Restraint straps			
1.19	**The trauma bed must be supplied with the mattress and cover with following features**			
1.19.1	To comply with relevant Standards and Proof of Compliance should be submitted			
1.19.2	Must be flexible high-density foam.	#		
1.19.3	Density: at least 32 - 38 Kg/m3, please state the density of the on offer			
1.19.4	The mattress with cover must be flexible to accommodate anatomical contouring of all the angles of the bed	#		
1.19.5	Targeted pressure redistribution zones automatically respond to patient movement, creating custom pressure redistribution.			
1.19.6	Mattress must return to original shape when not in use.	#		
1.19.7	Mattress must be radiolucent. To be constructed of flexible polyurethane foam complying with class 30, grade no.12 of SANS 640 or other equivalent Standards. Attach proof	#		
1.19.8	Mattress must fit perfectly to the bed without overlapping or undersized/space.	#		
1.19.9	Thickness: at least 100 mm in diameter (+- 5 mm)			
1.19.10	**Cover**			
1.19.10.1	To comply with the latest issue of SANS 1291-1 or other equivalent Standards, proof of compliance must be submitted	#		
1.19.10.2	Must be fully enclosing 2-way stretch.			
1.19.10.3	Vapour permeable	#		

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1.19.10.4	Water resistant	#		
1.19.10.5	Interstitial anti-microbial agent	#		
1.19.10.6	Radiolucent	#		
1.19.10.7	Where a zip is incorporated it shall be: Concealed heavy duty, synthetic zip to allow removal of the inner mattress.			
1.20	**The following accessories must be compatible and supplied with the main unit**			
1.20.1	Mattress Cover	#		
1.20.2	Restraint straps	#		
1.20.3	Patient notes holder	#		
1.20.4	Storage for patient belongings	#		
2	**General Technical And Safety Specifications**			
2.1	The unit offered should comply with an acceptable international standard eg. CE, FDA, etc, Attach a copy of certificate.			
2.2	Unit offered must comply with ISO 9001 Quality Standards. Attach a copy of certificate	#		
2.3	OEM must comply and certified on ISO 13485 quality standards, attach proof of compliance	#		
2.4	Please provide unique ref number of the ISO 13485 certificate:	#		
2.5	The Bidder must be registered with the South African Health Products Regulatory Authority (SAHPRA) and the licence must be attached.	#		
2.6	Spare parts must be guaranteed available for the specified lifespan of the equipment, with a minimum of ten years.	#		
2.7	The bidder must guarantee that no additional equipment, parts or consumables, will be required for the successful operation of the equipment quoted on in this bid. A starter pack of all essential accessories must be supplied so that the unit can be put into immediate operation. The cost of the starter pack must be included in the bid price.	#		
3	**Equipment Guarantees and Service Specifications**			
3.1	No part shall be second hand or refurbished	#		
3.2	Bidder price to include delivery, assembling, commissioning, minimum of two year warranty and training. Acceptance of the equipment will only take place after comissioning of the equipment.	#		
3.3	Bidders must supply a minimum of 24 months guarantee. This must be all inclusive and include, BUT NOT LIMITED TO, amongst others, ALL PARTS, labour, travelling and accommodation.The warrantee must also include all quality check and required calibrations. A fully comprehensive preventative maintenance, service and repair plan including all costs must be included in the warranty. The guarantee will commence after formal acceptance and handover of the equipment. (The guarantee period must be stated in the comments space)	#		

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3.4	The successful bidder must arrange for an acceptance test of the equipment. A completed certified copy of this specification must be submitted with the equipment when the acceptance test(s) is to be undertaken. A copy of the acceptance test must be forwarded to the Health Technology Unit of the particular institution	#		
3.5	The recommended number of services per annum must be included during and up until the end of the guarantee period and all costs related to the provisions of such service/s will be for the bidders account. The bidder must state the number of services that will be provided during and up to the end of the guarantee period.			
4	**User And Technical Training**	#		
4.1	User training must be provided by the successful bidder in the operation of the unit at no extra cost to the final bid price to this department.The training must be available for the duration of the contract.	#		
4.2	The successful bidder must provide local training for Mpumalanga DoH technicians on the calibration, maintenance, service and repair of the quoted product and the costs incurred to provide this training will be for the bidder's account.	#		
4.3	The equipment offered in this bid must be supported with a letter of appointment of the Bidder as an authorized distributor / sole supplier/ agent by the original equipment manufacturer. NOTE: Where the equipment offered is supplied with a joint venture agreement, the Bidder must supply a signed contract between both parties confirming the agreement.	#		
4.4	The offer submitted must be supported by descriptive literature, colour pamphlets or brochures and technical data sheets with equipment specifications that are applicable to the offer.	#		

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5	**General information required**			
5.1	Make	#		
5.2	Model	#		
5.3	Country of Origin	#		
5.4	Regional Agent	#		
5.5	Delivery Period			
5.6	Final Bid / Quotation Price inclusive of V.A.T.			
5.7	Bidder			
5.8	Signature and Date			
5.9	Address			
5.10	Contact Person			
5.11	Telephone Number			
5.12	E- Mail address			