



Ministry of Health and Wellness

MHPQ/EQ/2023-2024/Q20

To all Potential Bidders

ADDENDUM NO. 1

Supply, Installation and Commissioning of Lithotripsy Machine for SSRN Hospital

Please refer to our invitation for Bids dated 17 November 2023 on the above subject.

2. Following request for clarifications from potential bidders, please find below the corresponding information:

Item No	Clarification Requested	Reply
Item No 1	Kindly note, our Manufacturer inform us that the technical specifications of this tender is similar to previous tender dated 3 years back. Since then, newer technologies have been released for lithotripsy machines.	The comment received is baseless since no specific line specifications have been mentioned. You may wish to not that the technology behind the lithotripsy machine is from the basic principle of shockwave for the fragmentation of urinary stone and using X-ray and ultrasound for localization and visualization.
Item No 1	Purpose of the Device and requirement Specifications (i) Could you please elaborate as to the intended use of the device and pathologies to be treated? (ii) Do you have a Technical Specifications Requirement (iii) Where may we download the Technical Responsive Requirement for the completion of the Technical Responsiveness Checklist Template?	All the technical requirements have been included in the technical specifications. Refer to Technical Responsiveness Checklist Goods (VER.1.0) on the E-Procurement System.

<p>Item No1 Line 1.5</p>	<p>There are several reputed German, manufacturer of ESWL which are only CE certified. By requesting for two certificates you are limiting the participation to only a few manufacturers. For more fairness, we believe that European manufacturers having only CE certificates should be considered</p>	<p>The current requirement is maintained.</p>
<p>Item No 1 Line 1.9</p>	<p>System should allow in-line use of ultrasound and in-line use of X-ray</p> <p>We wish to inform you that in line use of Ultrasound is dedicated to a specific brand. We therefore, kindly request the Ministry of amend this clause to: System should allow the use of ultrasound and/or use of Xray localization for a fairer participation.</p> <p>Kindly note that with the inline use of ultrasound, user will not be able to do Xray simultaneously thus resulting limited functionality.</p>	<p>The equipment should have both X-ray and Ultrasound for the localization of the uninary stone.</p> <p>Please note that in line ultrasound will be used for localization and therapeutics purpose.</p> <p>However, an alternative method providing the facility for localization and therapeutic purpose using both X-ray and ultrasound having minimal defection effects will be considered.</p> <p>Bidders are requested to submit all relevant documentary evidence pertaining to the technology used for accurate localization and visualization of stone including radiolucent stone.</p>
<p>Item No 1 Line 1.9</p>	<p>"System should allow in line use of ultrasound and in-line use of Xray"</p> <p>We supply real time Ultrasound localization system. Real time (out -line) – the ultrasound arms with the transducer are located around the shock wave head. In line – the ultrasound transducer located inside the shock wave head and is exposed to the shocks.</p> <p>Advantages: Real-time: 360° viewer. In line: one view only.</p> <p>Real-time: No need to stop the treatment while watching the</p>	<p>The equipment should have both X-ray and ultrasound for the localization of urinary stone.</p> <p>Please note that in line ultrasound will be used for localization and therapeutic purpose.</p> <p>However, an alternative method providing the facility for localization and therapeutic purpose using both X-Ray and ultrasound having minimal deflection effects will be considered.</p> <p>Bidders are requested to submit all relevant documentary evidence pertaining to the technology used for accurate localization and visualization of stone including radiolucent stone.</p>

	<p>ultrasound monitor. In line: stopping the treatment while watching the ultrasound monitor due to interruption caused by the shock wave.</p> <p>Real-time: the expensive transducer is protected. In-line: the expensive transducer isn't protected. It is exposed to shock wave due to its location inside the shock wave head.</p>	
Item No 1 Line 2.1	<p>Extracorporeal Shock Wave Lithotripsy (ESWL) Machines can have both electromagnetic as well as piezoelectric type generators. By restricting the technology to only electromagnetic generators, you are limiting the participation to only a few manufacturers. We therefore, make a strong appeal that manufacturers with piezoelectric generators be also considered.</p>	The current requirement is maintained.
Item No 1 Line 2.13	<p>"The normal lifetime of shock wave source should be at least 2 million shots. Bidders to specify the normal lifetime of shock wave source if offers is different from 2 million shots"</p> <p>We supply two heads of 1,000,000 counts each. Advantage: 1,000,000 head: High and stable energy along entire lifetime of the head. Bringing to maximum efficiency and excellent results.</p> <p>2,000,000- head: after one million shocks and more the energy becomes weak.</p>	Supply of two heads of 1,000,000 counts each is acceptable.
Item No 1 Line 14.3	<p>"Bidder to supply and install at least 3 emergency switches"</p> <p>Our system comes with single emergency switch, which is in the C-arm. The C-arm control all</p>	Equipment must have at least 3 Emergency Switches is maintained.

	<p>components of EM1000 system: Shock wave Lithotripter, treatment table, console.</p> <p>Advantage:</p> <p>One emergency switch controls the entire system.</p>	
Item 1 Line 8.1	<p>Can the bidder propose the latest generation high-end portable ultrasound which is fully compliant to all the other points as required in the tender and is mounted on a mobile cart for ease of mobility and manoeuvrability?</p>	<p>The current requirement is maintained. Only mobile high – end ultrasound will be accepted. Portable Ultrasound will not be accepted.</p>
Item 1	<p>Can you please confirm if real-time (out-line) ultrasound localization system will be accepted compared to in-line as there more many more advantages in real-time.</p> <p>Real time allows a 360 degrees view compared to one view only in in-line. There's no need to interrupt treatment in real-time as the ultra-sound is located outside the shockwave head. The transducer is always protected in real-time system whereas same is exposed to shockwave in in –line system. In any case, there is only one brand, namely Karl Storz Modulith Series which currently provides this in –line configuration, and this will impact the fairness and openness of the bidding exercise effectively closing this tender to a single bidder.</p>	<p>The equipment should have both X-Ray and Ultrasound for the localization of urinary stone.</p> <p>Please note that in line ultrasound will be used for localization and therapeutic purpose.</p> <p>However, an alternative method providing the facility for localization and therapeutic purpose using both X-Ray and ultrasound having minimal deflection effects will be considered.</p> <p>Bidders are requested to submit all relevant documentary evidence pertaining to the technology used for accurate localization and visualization of stone including radiolucent stone.</p>

Item 1	Can we offer 2 shockwave heads each with 1 million shocks each? As we recommended using 1 million shocks per head as energy will be high and stable throughout the entire lifetime of the head providing maximum efficiency and excellent results.	Supply of two shockwave heads of 1,000,000 counts each is acceptable.
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3. Bidders are kindly requested to take note and submit their bids accordingly. This addendum should be inserted in the Bid Documents upon submission.

**For Senior Chief Executive
Ministry of Health and Wellness
5th floor, Emmanuel Anquetil Building
SSR Street, Port Louis
04 December 2023**