



अखिल भारतीय आयुर्विज्ञान संस्थान  
**ALL INDIA INSTITUTE OF MEDICAL SCIENCES**  
सकेत नगर भोपाल (मध्य प्रदेश) – 462020  
Saket Nagar, Bhopal (M.P.) – 462020  
website: [www.aiimsbhopal.edu.in](http://www.aiimsbhopal.edu.in)

Date:- 10/09/2024

## **Pre Bid Clarification**

**CPPP Tender No.-AIIMS/BPL/UROLOGY/ESWL/24-25/GTE/007 Dated: 24/08/2024**

**Sub:- CPPP Tender documents for Supply, Installation, Testing and Commissioning of “Integrated Extracorporeal Shock Wave Lithotripter (ESWL)” for Department of Urology at AIIMS Bhopal.**

Pre Bid Clarification/Amendments are being uploaded as enclosed as Annexure A for information of the prospective Bidders. All prospective Bidders are requested to prepare and submit their Bids, accordingly.

These Clarifications/Amendments will form part of above mentioned CPPP Tender ID. Bids not found submitted as per these clarifications/approved amendment, shall be liable for rejection.

**Rest all terms & conditions will remain same of CPPP tender**

Sd/-

**I/c SPSO Central Stores  
AIIMS Bhopal**

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## Pre-bid query

Tender Enquiry No.: Tender Enquiry No.: AIIMS/ BPL/ Urology/ESWL/24-25/GTE/ Dated: 19.07.2024  
 Item Name: "Integrated Extracorporeal Shock Wave Lithotripter (ESWL)" for Department of Urology, of  
 All India Institute of Medical Sciences, Bhopal

SN	Queries raised by	Tender Specification(Clause No. & page no)	Tender specification	Modification/clarification required	Remarks	TSEC Remarks on Adarsh enterprises pvt ltd pre bid queries
1	ADARSH ENTERPRISES jabalpur	Page 38 point 1. shock wave source	Should have Electro Magnetic Shock Wave Emittertechnology.	Should have Electro Magnetic Shock Wave Emittertechnology or Piezo electric shock wave emitter technology.	As piezo electric shockwave transducer have five times longer service life compared to electromagnetic shockwave transducers which results in shorter down time and reduced cost	Accepted to allow wider participation
2	ADARSH ENTERPRISES jabalpur	Page 38 point 6. shock wave source	Shock wave head and C-Arm fluoroscopy should be mounted inline such that both should have same axis of rotation	Shock wave head and C-Arm fluoroscopy should be mounted inline/outline	Outline localization results in optimal quality images while limiting patients exposure to radiation	Accepted to allow wider participation
3	ADARSH ENTERPRISES jabalpur	Page 38 point 10. shock wave source	Should have imaging technology to view the patient contact interface from within the therapy head.	Please delete	As it is Dornier Company specific point and specific to a one particular manufacturer thus, needs to be deleted for wider participation	Accepted to allow wider participation
4	ADARSH ENTERPRISES jabalpur	Page 38 point 11. shock wave source	Unified hand control should control all the parameters of shock wave, movement of Shock wave source, C-Arm and Table. The display of Unified hand control should also indicate the coupling pressure for shockwave release. Unified hand control should have image oriented movement mode for X ray guided ESWL to enable precise movement of target to the focus with pictorial guidance	Unified hand control / touch screen remote control should control all the parameters of shock wave, movement of Shock wave source, C-Arm and Table. The display of Unified hand control should also indicate the coupling pressure for shockwave release. Unified hand control should have image oriented movement mode for X ray guided ESWL to enable precise movement of target to the focus with pictorial guidance	Touch screen remote control is more advance and user friendly as unified hand control is old technology	Unified hand control/touchscreen remote will be accepted
5	ADARSH ENTERPRISES jabalpur	Page 39 point 3. Integrated Xray	High frequency X-Ray generator, double focus X-Ray tube and flat panel detector  डॉ. कुमार माधवन / Dr. Kumar Madhavan MBBS, MS, MCh, MRCS, FRCS राज्य-प्रदाता अद्यता प्रोफेसर	High frequency X-Ray generator and flat panel detector	Double Focus Xray tube is Dornier Company specific point and specific to a one particular manufacturer thus, needs to be deleted for wider participation	डॉ. देवाशीष कौशल / Dr. Devashish Kaushal राज्य-प्रदाता प्रोफेसर (पूर्णालक्षण) / MS, MCh (Urology) अतिरिक्त प्राध्यापक / Additional Professor मूल्रोग विभाग / Department of Urology अधिल भारतीय आयुर्विज्ञान संस्थान भोपाल - 462020 All India Institute of Medical Sciences, Bhopal - 462020

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6	ADARSH ENTERPRISES jabalpur	Page 39 point 7. Integrated Xray	All movements of the C-arm should be motorized and controlled through the unified hand control	All movements of the C-arm should be motorized and controlled through the unified hand control or touch screen remote control.	Touch screen remote control is more advance and user friendly as unified hand control is old technology	
7	ADARSH ENTERPRISES jabalpur	Page 39 point 4. Ultrasound System	Localization should be done through integrated and articulating ultrasound arm iso-centric to the shock wave source with outline transducer for best image quality.	Localization should be done through integrated and articulating ultrasound arm iso-centric to the shock wave source with outline/Inline transducer for best image quality.	it is just the position of transducer and have no effect on working. The main concept is that the position of C-Arm and Ultrasound transducer should be vica versa to each other. In many companies, the C-arm is inline and ultrasound transducer is Outline where as in some companies, C-arm is outline and ultrasound transducer is inline. There is no effect of position in the working of machine, it is just a design parameter	
8	ADARSH ENTERPRISES jabalpur	Page 40 point 4. Treatment table and accessories	Table movements should be possible with the same hand control unit which is for shock wave release.	Table movements should be possible with the same hand control unit or touch screen remote control which is for shock wave release.	Touch screen remote control is more advance and user friendly as unified hand control is old technology	Accepted to allow wider participation
9	ADARSH ENTERPRISES jabalpur	Page 40 point 1. Hand Held Control Panel	Should have unified hand control unit to have all the movements of table, C-arm, shockwave parameters and shockwave release from the same.	Should have unified hand control unit/ touch screen remote control to have all the movements of table, C-arm, shockwave parameters and shockwave release from the same.	Touch screen remote control is more advance and user friendly as unified hand control is old technology	Please read Point 4
10	ADARSH ENTERPRISES jabalpur	Page 40 point 1. Terms & condition	ESWL system should be BIS/CDSCO approved.	ESWL system should be USFDA or European CE approved	there is no standard in BIS and EDSCO is only for import registration. US FDA , European Ce are actual quality control standards and it will help institute to avoid substandard / chinese manufacturer	All certifications will be checked as per Government of India rules

डॉ. कुमार माधवन / Dr. Kumar Madhavan  
MBBS, MS, MCh, MRCS, FRCS  
राह-प्राध्यापक / Associate Professor  
मूत्ररोग विभाग एवं पुरुष प्रत्यारोपण  
Urology Department and Renal Transplantation  
एम्स, साकेत नगर भोपाल-462020/AIIMS, Saket Nagar Bhopal-462020  
ओपीडी दिन-मंगलवार/शुक्रवार / OPD Days-Tuesday/Friday

डॉ. देवाशीष कौशल / Dr. Devashish Kaushal  
एम.एस., एम.सी.एच. (यूरोलॉजी)/MS, MCh (Urology)  
अतिरिक्त प्राध्यापक / Additional Professor  
मूत्ररोग विभाग / Department of Urology  
अखिल भारतीय आयुर्विज्ञान संस्थान भोपाल-462020  
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63417/2024/CPC

**Karl Storz Pvt Ltd.****PRE BID REPRESENTATION and REMARKS**

<b>NITNo.GTENo.TenderEnquiryNo.:AIIMS/BPL/Urology/ESWL/24-25/GTE/007 dated 24.08.2024</b>				
<b>ItemNo.1-TenderID:AIIMS/BPL/Urology/ESWL/24-25/GTE/007-Integrated Extracorporeal Shock Wave Lithotripter(ESWL)</b>				
<b>PRE BID REPRESENTATION</b>				
SL. No	Item Description as per Tender	CHANGES / AMENDMENT REQUIRED	REMARKS BY KARL STORZ	TSEC remarks
1.	Integrated Extracorporeal Shock Wave Lithotripter (ESWL)			
2.	For treatment of urinary stones in adult and children, and CBD and pancreatic duct stones			
3.	Integration is defined as when all the components of the ESWL (Shock wave generator, imaging system, and patienttable) are all built into a single, cohesive system and this includes mechanical and Functional integration.			
<b>Shock Wave Source:</b>				
4.	Should enable under and over table treatments for all the treatments uncomfortable supine position and should have facility of seamless multiple therapy Window angles	PLEASE DELETE	NOT A MINIMUM REQUIREMENT OF ESWL FOR WIDER PARTICIPATION	Accepted to allow wider participation
5.	Adjustable step-wise frequency shock release should be minimum 30 or less and maximum 100 or more shocks per minute,in increment of 10, with facility of ECG triggering.(+/-10%)	Adjustable step-wise frequency shock release should be minimum 30 or less and maximum 100 or more shocks per minute, in increment of 30, with facility of ECG triggering.(+/-10%)	STORZ ESWL SYSTEMS HAVE THE FREQUENCY OF 30,60,90,120, 180,240 AND ECG MODES. FOR WIDER PARTICIPATION	Accepted to allow wider participation

डॉ. देवाशीष कौशल / Dr. Devashish Kaushal  
 एम.एस., एम.सी.एच. (यूरोलॉजी) / MS, MCh (Urology)  
 अतिरिक्त प्राच्यापक / Additional Professor  
 मूल्त्रोग विभाग / Department of Urology  
 अखिल भारतीय आयुर्विज्ञान संस्थान भोपाल-462020  
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6.	Should have imaging technology to view the patient contact interface from within the therapyhead.	COMPANY SPECIFIC PLEASE DELETE	THIS TECHNOLOGY IS AVAILABLE IN DORNIER ESWL MACHINES. THEIR COUPLING MECHANISM HAVE LIMITATION TO CHECK THE AIR BUBBLES DURING THE TREATMENT. TO VIEW IF ANY AIR BUBBLE IS DEVELOPED OR NOT, THEY HAVE OPTI COUPLE/OPTI VIEWCAMERA TO CHECK IF ANY AIR BUBBLE BETWEEN PATIENT BODY AND THE THE RAPYHEAD. THE OPERATOR NEEDS TO INTERRUPT THE TREATMENT TO REMOVE AIR BUBBLES MANUALLY. STORZ ESWL SYSTEMS HAVE PATENTED SILICON PATINEFOIL TECHNOLOGY.	Accepted to allow wider participation
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डॉ. देवाशीष कौशल / Dr. Devashish Kaushal  
 एस.एस., एम.टी.एच. (उरोलॉजी) / M.S., M.Ch. (Urology)  
 अतिरिक्त प्राचीन / Adj. Senior Professor  
 मूलरोग विभाग / Department of Urology  
 अखिल भारतीय आयुर्वेद संस्थान भोपाल - 462020  
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7.	Unified hand control should control all the parameters of shock wave, movement of Shock wave source, C-Arm and Table. The display of Unified hand control should also indicate the coupling pressure for shockwave release. Unified hand control should have image oriented movement mode for X ray guided ESWL to enable precise movement of target to the focus with pictorial guidance	<b>Unified hand control / or touch screen remote control should control all the parameters of shockwave, movement of Shockwave source, C-Arm and Table. The display of Unified hand control should also indicate the coupling pressure for shock wave release.</b> <b>Unified hand control should have image oriented movement mode for X ray guided ESWL to enable precise movement of target to the focus with pictorial guidance</b>	STORZ ESWL SYSTEMS HAVE TOUCH SCREEN REMOTE CONTROL	Changed to- Unified hand control or touch screen remote should control all the parameters of shock wave, movement of Shock wave source, C-Arm and Table.
8.	Movement of Shock wave source should be motorized, in all the required axes (viz. X and Y) to enable precise movement of the focus to the target. The under the table and over the table positions of the Shock wave source should also be motorized	<b>Movement of Shock wave source/ OR Patient Table should be motorized, in all the required axes (viz. X, Y and Z) to enable precise movement of focus the target.</b>  <b>For wider participation</b>	EVERY BRANDS USE DIFFERENT TECHNIQUES TO FOCUS. SO CHANGE THE SPECIFICATION FOR WIDER PARTICIPATION	Accepted to allow wider participation
	<b>Stone Localization System: Integrated, iso centric fluoroscopy and Ultra sonography</b>			
9.	Both the imaging systems should be iso-centric to the Focus.	<b>Both the imaging systems should be iso-centric or inline to the Focus.</b>	STORZ ESWL SYSTEMS ARE AVAILABLE WITH INLINE IMAGING SYSTEMS	Accepted to allow wider participation

	<b>IntegratedX-Ray:</b>			
10.	Should have completely integrated, iso-centric and motorized X-ray C-arm localization and targeting system.	<b>Should have completely integrated, iso-centric /inline and motorized X-ray C-arm localization and targeting system.</b>	<b>STORZ ESWL SYSTEMS ARE AVAILABLE WITH INLINE IMAGING SYSTEMS</b>	Accepted to allow wider participation
11.	15 kw or more X-ray capability to allow allendo-urological interventions	<b>3.5kW - 20 kW or more X-ray capability to allow all endo- urological interventions</b>  <b>For wider participation</b>		15 kw or more needed for better image quality
12.	High frequency X-Ray generator, double focus X-Ray tube and flat panel detector	<b>High frequency X-Ray generator, double focus X-Ray tube and flat panel detector/ OR Image Intensifier</b>  <b>For wider participation</b>		II is not state of the art technology. Flat panel C arm is needed.
13.	X-Ray C-Arm should move iso-centric to the shock wave source in both lateral directions to achieve two positions to localize the stone in three dimensions	<b>X-Ray C-Arm should move iso-centric / inline to the shock wave source in one of the lateral directions to achieve two positions to localize the stone in three dimensions</b>	<b>DORNIER ESWL MACHINES HAVE LIMITATION IN THEIR EQUIPMENT DESIGN. BECAUSE OF WHICH THE PATIENT'S POSITION NEED TO BE CHANGED FOR LEFT OR RIGHT SIDE OF THE STONES.SO THEY NEED BOTH SIDE CC DIRECTIONS . BOTH CC</b>	Accepted to allow wider participation



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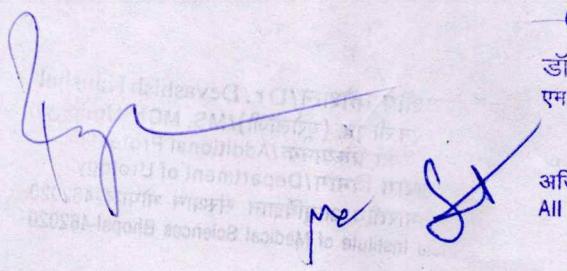
रावीषं कौशिल/Dr. Dr.  
एस. एम सी.एच. (मुरोलीपाणी) /MS  
अतिरिक्त प्राध्यापक/Additional  
प्रोफेसर  
उपर्युक्त विभाग/Department of U  
प्रायुर्विज्ञान संस्कारण  
Medical Sciences Bhopal-462020

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			DIRECTIONS ARE NOT MINIMUM REQUIREMENT OF ESWL	
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14.	AP "0" degree and both CC directions i.e. CC+ and CC-30 degree (+/-10%)	AP "0" degree and one CC directions i.e. CC+ and CC-30 degree (+/-10%)	DORNIER ESWL MACHINES HAVE LIMITATION IN THEIR EQUIPMENT DESIGN. BECAUSE OF WHICH THE PATIENT'S POSITION NEED TO BE CHANGED FOR LEFT OR RIGHT SIDE OF THE STONES. SO THEY NEED BOTH SIDE CC DIRECTIONS. BOTH CC DIRECTIONS ARE NOT MINIMUM REQUIREMENT OF ESWL	Accepted to allow wider participation
15.	All movements of the C-arm should be motorized and controlled through the unified hand control	All movements of the C-arm should be motorized and controlled through the unified hand control or touch screen remote control	STORZ ESWL SYSTEMS HAVE TOUCH SCREEN REMOTE CONTROL	Accepted to allow wider participation
	<b>Ultrasound System:</b>			

  
 डॉ. देवाशीष कौशल / Dr. Devashish Kaushal  
 एम.एस., एम.सी.एच. (युरोलॉजी) / MS, MCh (Urology)  
 अतिरिक्त प्राध्यापक / Additional Professor  
 मूल्यराग टिभाम / Department of Urology  
 अखिल भारतीय आयुर्विज्ञान संस्थान भोपाल-462020  
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16.	Localization should be done through integrated and articulating ultrasound arm iso-centric to the shock wave source with outline transducer for best image quality	<b>Localization should be done through integrated and articulating ultra sound arm iso-centric / linked to the shock wave source with outline/inline transducer for best image quality</b>	STORZ ESWL MACHINES HAVE INLINE ULTRA SOUND LOCALIZATION SYSTEM. MOST ACCURATE	Accepted to allow wider participation
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17.	Should have curvilinear and linear probe.	<b>Should have curvilinear, bi-plane transrectal and linear probe.</b>  <b>To make it a complete Urological ultrasound.</b>		Please read as curvilinear probe. Linear and transrectal probe is optional.
	<b>Treatment table &amp; accessories:</b>			
18.	Ergonomically designed patient table usable for both for ESWL and endo urological procedures by allowing full patient access.	<b>Ergonomically designed patient table usable and approved for both for ESWL and endo urological procedures by allowing full patient access.</b>	<b>PLEASE SHARE THE NECESSARY APPROVALS FOR PERFORMING ENDO UROLOGICAL PROCEDURES BY US-FDA/CE</b>	Please read as Certifications will be checked as per Government of India rules
19.	Table should be completely integrated with system	<b>Table should be completely integrated with system both mechanically and functionally</b>	Integration is defined as when all the components of the ESWL (Shock wave generator, imaging system, and patient table) are all built into a single, cohesive system and this includes mechanical and functional integration.	Not accepted to allow wider participation



डॉ. देवाशीष कौशल/Dr. Devashish Kaushal  
 एम.सी.एच. (यूरोलॉजी)/MS, MCh (Urology)  
 अ.प्ट प्राध्यापक/Additional Professor  
 निराग विभाग/Department of Urology  
 भारतीय आयुर्विज्ञान संस्थान भोपाल-462020  
 India Institute of Medical Sciences Bhopal-462020

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20.	Design should accommodate the C-arm movement on both CC (+ 30 degree and -30 degree) directions	<b>Design should accommodate the C-arm movement on one CC (<math>\pm 30</math>)and 0 directions</b>	DORNIER ESWL MACHINES HAVE LIMITATION IN THEIR EQUIPMENT DESIGN.BECAUSE OF WHICH THE PATIENT'S POSITION NEED TO BE CHANGED FOR LEFT OR RIGHT SIDE OF THE STONES.SO THEY NEED BOTH SIDE CC DIRECTIONS.	Accepted to allow wider participation
21.	In case of an emergency, the same table should be used for transportation of patient	<b>PLEASE DELETE</b>	COMPLETELY INTEGRATED SYSTEMS SHOULD NOT ALLOW THE COMPONENTS TO DETACH OR DISINTEGRATE FROM THE ESWL	Accepted to allow wider participation
	<b>Hand Held Control Panel:</b>			
22.	Should have unified hand control unit to have all the movements of table, C-arm, shock wave parameters and shock wave release from the same.	<b>Should have unified hand control unit / OR touch screen remote control to have all the movements of table, C-arm, shock wave parameters and shockwave release from the same.</b>		Accepted to allow wider participation
	<b>Terms &amp; Conditions:</b>			

डॉ. देवाशीष कौशल/Dr. Devashish Kaushal  
एम.एस., एम.डी.एच. (यूरोलॉजी)/MS, MCh (Urology)  
अधिकारी/एडिशनल प्रोफेसर/Additional Professor  
मूल्रक निया/Department of Urology  
अखिल भारतीय आयुर्विज्ञान संस्थान भोपाल-462020  
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23.	<b>ESWL system should be BIS/CDSCO approved</b>	<b>ESWL system and all the accessories supplied should be US FDA or European CE (with four digit notified) approved. No accessory or module of ESWL should be sources/manufactured in bordering countries and should be as per DPIT rules.</b>	<b>TO AVOID ANY SUBSTANDARD EQUIPMENT OR ACCESSORIES</b>	Please read as-Certifications will be checked as per Government of India rules
24.	List of consumable items (which will not cover under Warranty/CMC) with rates shall be provided separately, which may be fixed (RC) for atleast 3years.	<b>PLEASE INCLUDE ALL COMPONENTS (EM COIL,COUPLING CUSHION,PATIENT FOIL) IN WARRANTY AND CMC</b>		All components to be covered under warranty
25.	If supplier fail to repair the equipment or wants to take equipment out from the AIIMS Bhopal for repair beyond stipulated time period then they should provide a stand-by equipment within 7days.	<b>PLEASE DELETE ASSTAND BY EQUIPMENT ISNOT APPLICABLE FOR BIG SYSTEM LIKE ESWL</b>		accepted

देवाशि  
Dr. Devashish Kaushal  
सी.एच. (यूरोलॉजी)/MS, MCh (Urol.)  
त प्राध्यापक/Additional Professor  
1 विभाग/Department of Urology  
लीय आयुर्विज्ञान संस्थान भोपाल-462020  
All India Institute of Medical Sciences Bhopal-462020





### Agarwal Enterprises

SI No	Tender Specification	Tender Specification	Modifications / Clarifications requested	TSEC remarks
1	Clause 22. Submission of e-Tenders, sub clause (m),	The bidder should submit blank proforma invoice from the foreign manufacturer along with his technical bid, duly mentioning the specifications and code number of the parts quoted	Since the goods quoted in Indian Rupees, do we need to provide proforma invoice in Indian Rupees?	For imported goods only
2	Common Terms & Conditions for Warranty and CMC; Clause 3,	List of consumable items (which will not cover under Warranty/CMC) with rates shall be provided separately, which may be fixed (RC) for at least 3 years.	Since all the spares and consumables will be covered in CMC, this clause can be removed to avoid any confusion in future.	All consumables should be under warranty
3	Scope for Turnkey Work, Sl No.1	Break wall and room construction of the proposed ESWL site as per AERB norms	Kindly specify the Area of the proposed ESWL Site	500 sq feet
4	Scope for Turnkey Work, SL No.2	Partition/modification of room to make console room.	Kindly specify the Area of the proposed console room	100 sq feet
5	Scope for Turnkey Work, SL. No.9	Air Conditioning: The entire carpet area should be air conditioned with AC machine of appropriate tonnage to maintain temperature 20 to 22 degree Celsius.	Kindly specify the Area as the temperature depends on the Area of coverage	Mentioned above
6	Scope for Turnkey Work, Sl. No.29	Patient Multipara monitor	Since no quantity is mentioned. is it one unit only?	1
7	Technical specification No. 10 of Shockwave source	Should have imaging technology to view the patient contact interface from within the their head.	Please delete as it is specific to only one manufacturer.	Accepted to allow wider participation
8	Technical specification No. 11 of Shockwave source	Unified hand control should control all the parameters of shock wave, movement of Shock wave source, C-Arm and Table. The display of Unified hand control should also indicate the coupling pressure for shockwave release. Unified hand control should have image oriented movement mode for X ray guided ESWL to enable precise movement of target to the focus with pictorial guidance	Please change to: Unified hand control should control all the parameters of shock wave, movement of Shock wave source, C- Arm and Table.  For wider participation	Accepted to allow wider participation
9	Dr. Devashish Kaushal MBBS, MS, MCh, MRCS, FRCS सह-प्राच्यापक/Associate Professor मूत्ररोग विभाग/Department of Urology एस. सैकेत नगर भोपाल-462020/AIIMS, Saket Nagar Bhopal-462020 ओपीडी दिन-मंगलवार/शुक्रवार /OPD Days-Tuesday/Friday	Movement of Shock wave	Please change to: Dr. Devashish Kaushal एम.एस., एम.सी.एच. (यूरोलॉजी)/MS, MCh (Urology) अतिरिक्त प्राच्यापक/Additional Professor मूत्ररोग विभाग/Department of Urology अखिल भारतीय आयुर्विज्ञान संस्थान भोपाल-462020 All India Institute of Medical Sciences Bhopal-462020	Accepted to allow wider participation

	specification No. 12 of Shockwave source	source should be motorized, in all the required axes (viz. X and Y) to enable precise movement of the focus to the target. The under the table and over the table positions of the Shock wave source should also be motorized	Movement of Shock wave source/ Patient Table should be motorized, in all the required axes (viz X.Y and Z) to enable precise movement of focus the target.  For wider participation	participation
10	Technical specification No. 2 of Integrated X-Ray	15 kw or more X-ray capability to allow all endo- urological interventions	Please change to: 3.5 kw or more X-ray capability to allow all endo- urological interventions  For wider participation	Not accepted- high power output is needed for better image quality
11	Technical specification No.3 of Integrated X-Ray	High frequency X-Ray generator, double focus X-Ray tube and flat panel detector	Please change to: High frequency X-Ray generator, double focus X-Ray tube and flat panel detector/I. I. Tube  For wider participation	Not accepted- I.I. tube is older technology and not state of the art
12	Technical specification No. 3 of Ultrasound System	Should have 1 - 7.0 MHz multifrequency transducer for lithotripsy with urological software package.	Please change to: Should have 3-5.0 MHz multifrequency transducer for lithotripsy with urological software package.  For wider participation	Not accepted as 1-7 includes 3.5 - 5
13	Technical specification No. 5 of Ultrasound System	Should have curvilinear micro-doppler, transrectal and linear probe.	Please change to: Should have curvilinear, bi-plane transrectal and linear probe.  To make it a complete Urological ultrasound.	Please read as curvilinear probe. Linear and transrectal probe is optional.
14	Technical specification No. 1 of ECG Triggering	Should supply a compatible ECG monitor for monitoring as well as triggering of shock wave release	Please change to: Should supply a compatible ECG monitor. ECG triggering should also be possible for shock wave release.	Withdrawn by company in meeting.
15	S No. 1 of Terms and conditions	ESWL system should be BIS/CDSCO approved.	Please change to: ESWL system and all the accessories supplied should be US FDA or European CE (with four digit notified) approved. No accessory or module of ESWL should be sources/manufactured in bordering countries and should be as per DPIT rules.  To avoid any substandard equipment or accessory.	Changed to certifications will be checked as per Government of India rules.

डॉ. कुमार माधवन / Dr. Kumar Madhavan  
 MBBS, MS, MCh, MRCS, FRCS  
 सह-प्राच्यापक Associate Professor  
 मूत्ररोग विभाग एवं मुद्रा प्रत्यारोपण  
 एस. साकेत नगर भोपाल-462020/AIIMS, Saket Nagar Bhopal-462020  
 अपौष्टि दिन-मंगलवार/शुक्रवार / OPD Days-Tuesday/Friday

डॉ. देवाशीष कौशल/Dr. Devashish Kaushal  
 एम.एस., एम.सी.एच. (यूरोलॉजी)/MS, MCh (Urology)  
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 All India Institute of Medical Sciences Bhopal-462020



Healthwarepvt. Ltd.

## Pre bid meeting representations and remarks

S. No.	Tender Specification (Clause No. & Page No.)	Tender Specification	Modifications/Clarifications requested	Remarks	TSEC remarks
1.	Point of Technical Specification on page 38 of 62	Integration is defined as when all the components of the ESWL(Shock wave generator, Imaging system, and patient table) are all built into a single, cohesive system and this includes mechanical and functional integration	Integrated, permanently non detachable Fluoroscopy that is an integral part of the ESWL machine and not a stand alone C arm that is fixed to the Machine	Inseparable C arm from ESWL machine has factory set iso centricity and makes it truly integrated system. Mechanical integration of external C arm with ESWL machine makes it modular system and can potentially loose isocentricity during the treatment while changing the angulation of C arm for localization. Attached reference from "Smith's Text Book of Endourology"	Not accepted for wider participation.
2.	Point of Technical Specification on page 38 of 62	2. Membrane based dry/wet coupling	Membrane based dry coupling	To have efficient energy transfer to the stone with minimal loss. Wet coupling concept/need is due to additional medium in between the shockwave head and patient, which eventually leads to loss of energy during propagation.	Not accepted for wider participation.
3.	Points of Technical Specification on Page 38 of 62	6. Shock wave head and C – Arm fluoroscopy should be mounted inline such that both should have same axis of rotation.	Shock wave head and C – Arm fluoroscopy should be mounted such that both should have same axis of rotation	To have multiple therapy windows independent of Imaging windows.	This point is made optional
4.	Clause 11, Documents comprising the e-Tender, Point(A) Details of Technical Tender (Un priced Tender), Page 10 of 62	xxi) Bidder must submit purchase order copies without hiding prices for the same model and technical configuration issued by institute of national important and/or reputed central/state govt. Hospitals should be uploaded in pdf form for reasonability of the offered price with technical bid.	We request you to clarify the criteria as whether Priced Purchase orders should be submitted in Technical Bid, as under this section Technical (Un Priced) documents are required to be submitted.		Previous purchase order with price mentioned required
5.	Clause 22, Submission of e-Tenders, sub clause (m), page 45 of 62 माध्यम / इस technical bid, duty	m) The bidder should submit blank proforma Invoice form the foreign manufacturer along with his technical bid.	We request you to clarify the criteria, if the Proforma Invoice is required to be uploaded for goods		For imported goods only

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 राष्ट्रीय प्रतिष्ठित असोसिएट प्रोफेसर  
 उरोलॉजी व रेनल ट्रांसप्लान्टेशन  
 एस्प, साकेत नगर भोपाल-462020/AIIMS, Saket Nagar Bhopal-462020  
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		mentioning the specifications and code number of the parts quoted.	quoted in Indian Rupees		
6.	Clause 22, Submission of e-Tender, ii) PRICE BID (ONLY ONLINE), sub clause(c ) Page 16 of 62	c)Along with price bid recent purchase order copies for the same model and technical configuration issued by institute of National importance and/or reputed central/state government hospitals should be uploaded in pdf form for reasonability of the offered price	We request you to clarify as, on the eProcurement Portal in Commercial bid there is no option available to upload PDF file.		Can be uploaded in technical bid
7.	Common Terms & Conditions for Warranty and CMC, Clause 1, page 40 of 62 and CMC Clause 1 page 40 of 62	1) Uptime shall be 98% on 24(hrs) X 7 (days) X 365 (days) basis, failing to which, a suitable penalty shall be imposed.	We request you to amend the criteria as "95% up time Warranty of completed equipment with extension of Warranty period by double the downtime period on 24(hrs) X 7 (days) X 365 (days) basis"		accepted
8.	Common Terms & Conditions for Warranty and CMC, Clause 3, page 40 of 62	3) List of consumable items (which will not cover under Warranty/CMC) with rates shall be provided separately, which may be fixed (RC) for at least 3 years.	In an event of any spares failures resulting from the user handling, the following items will be deemed chargeable and supplied at the prevailing rates during the tenure of the contract. Nevertheless, these items will remain protected by warranty and cmc for the instances of manufacturing defects and regular wear and tear.		All consumable should be covered under warranty
9.	Scope for Turnkey Work, Sl. No.1 Page 41 of 62	1 Break wall and room construction of the proposed ESWL site as per AERB norms	We request you to clarify the Area of the proposed ESWL Site.		500 sq feet
10	Scope for Turnkey Work, SL.No.2 page 41 of 62	2 Partition/modification of room to make console room	We request you to clarify the Area of the proposed console room		100 sq feet
11.	Scope for Turnkey Work, Sl.No.3 page 41 of 62  डॉ. कुमार मधवन / Dr. Kumar Madhavan MBBS, MS, MCh, MRCS, FRCS संस्था-प्राध्यापक, Associate Professor	3.Lead glass window in ESWL Procedure room.	We request you to clarify the size of Lead glass window in ESWL Procedure room		3 feet x 4 feet <i>S</i>

मूर्त्रोग केन्द्र एवं गुरुदं प्रयोगालय  
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*Darash*  
21/12/2023

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12.	Scope for Turnkey Work, Sl.No.9 page 42 of 62	9 Air Conditioning: The entire carpet area should be air conditioned with AC machine of appropriate tonnage to maintain temperature 20 to 22 degree Celsius.	We request you to clarify the Area as the temperature depends on the Area of coverage.		Mentioned above
13.	Scope for Turnkey Work, Sl.No.29 page 42 of 62	29 Patient Multipara monitor	We request you to clarify the quantity of Patient Multipara monitor to be supplied.		1

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7/9/2024

Darshan  
2/9/2024

SK

डॉ. कुमार माधवन / Dr. Kumar Madhavan  
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सह-प्राध्यापक / Associate Professor  
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