

AMENDMENT NO.1 Dated 01.07.2026

Ref IFB No: HLL/PSD/2026-27/TENDER/26 Dt:11.06.2026

GeM-Tender ID: GEM/2026/B/7653104 DT:11.06.2026

The following amendments have been incorporated in the ATC document of the above mentioned tender invited for Supply of Digital Mammography Machine at Various District Hospitals across the country

Sl. No.	Existing Specification	Amended Specification
	SECTION F TECHNICAL SPECIFICATION	
01	1. X-RAY GENERATOR – High Frequency	
	a.Frequency = 45KHz or more	a. Frequency = constant potential, High Frequency
	b.Power = +3 KW or more	b. Power = 5 KW or more
	c.mA = 70mA or more	c. mA = 150mA or more
	d.KV Range = 23KV to 35KV or higher in 1 KV increment	d. KV Range = 23KV to 49KV or higher in 1 KV increment.
02	2. X-RAY TUBE – Rotating anode with dual focus	
	b.Target - Tungsten (W) target or molybdenum/Tungsten dual target	b.Target - Tungsten (W) target or Molybdenum/Tungsten dual target or Molybdenum (Mo) or Molybdenum/ Rhodium(Mo/Rh) dual target
	e.Light Beam Collimator for 24cmx30cm field size with Auto shut off timer.	e.Light Beam Collimator for 24cmx29cm or more field size with Auto shut off timer.
03	3.FLAT PANEL DETECTOR	
	a.size = 24x30 cm	a. size = 24x29 cm or more
	b.conversion screen/ scintillator = Cesium Iodide	b. conversion screen/ scintillator = Cesium Iodide or Direct conversion detector
	c..photodiode = amorphous silicon	c. photodiode = amorphous silicon or Direct conversion detector
04	5.SOFTWARE FEATURES	
	a. ii.The software should be able to generate diagnostic quality images within 5 seconds of acquisition and be able to get integrated in real time with any remote access (like PACS) as required by the user.	a. ii.The software should be able to generate diagnostic quality images within 10 seconds of acquisition and be able to get integrated in real time with any remote access (like PACS) as required by the user.
	b.X-ray generator control	
	i.. KV/KVP & mAS increase/ decrease switches	i. KV/KVP & mAS increase/ decrease switches or digital or software based controls

Sl. No.	Existing Specification	Amended Specification
	ii. APR & AEC Mode selection switches	ii. APR & AEC Mode selection switches or digital or software based controls
	c) Pre-Processing Features	
	i. Separate log in for Manager and Technician.	i. Clause deleted
	d.Post Processing Features	
	ii. Symphony tools for image processing.	ii. Advanced Image Processing tools should be provided
	e. Text & Annotation	
	ii. Curved distance	ii. Measurements Features for Distance & Angle
	v. Cross referencing in CC/MLO views	
	Vi. AI-based CAD (Computer-Aided Detection) / Breast Density Assessment tools	Vi. AI-based CAD (Computer-Aided Detection) and AI based Breast Density Assessment tools should be provided
	K.Monitor	
	1. no. medical display 3 MP & 26 inches should be provided as an integrated viewing station for technician in the console room/area.	1. no. medical display 3 MP & 21 inches should be provided as an integrated viewing station for technician in the console room/area.
05	6.STAND ASSEMBLY	
	e.Rotation: + 90 degree or more & motorized	e. Rotation: ± 180 degree or more & motorized
	Compression up & down Switches on both side of Gantry Column.	Compression up & down Switches on both side of Gantry Column or two pairs of foot switches
06	7.COMPRESSION	
	a.Digital Display	
	i.Digital display of applied Compression Force (In Newton) with range up to 20KG	i. Digital display of applied Compression Force (In Newton) with range up to 20KG or 200N
	ii.Digital Display of Compression Breast Thickness (CBT) with travel of 180 mm	ii. Digital Display of Compression Breast Thickness (CBT) with travel of 140 mm
	b.Compression Paddles	
	i.normal size of 24 x 30 cm	i.normal size of 24 x 29 cm or more
	ii.spot paddle (square) with magnification stand	ii.spot paddle (square)

Sl. No.	Existing Specification	Amended Specification
07	8.DETAILS OF POWER SUPPLY	
	The vendor shall provide details of required electricity supply to provided by the user. Provision and installation of all related cables, earthing, hardware, switches shall be the responsibility of vendor. The turnkey works shall be executed as per the scope of turnkey works given below for an area of 150 Sq ft. The bidder should supply suitable UPS and required battery back-up to run the equipment for the ongoing case and to support the viewing station for at least 30 minutes to 1 Hour	The vendor shall provide details of required electricity supply to provided by the user. Provision and installation of all related cables, earthing, hardware, switches shall be the responsibility of vendor. The turnkey works shall be executed as per the scope of turnkey works given below for an area of 200 Sq ft. The bidder should supply suitable UPS and required battery back-up to run the equipment for the ongoing case and to support the viewing station for at least 30 minutes
08	9.MISCELLANEOUS	
	a. Generator, detector and software should be from same principal manufacturer	a. Two out of three major components i.e., Generator, detector and software should be from same principal manufacturer
	b. Following certifications to be provided:	
	i. The company should be ICMED 13485 and ISO 13485.	i. The company should be ICMED 13485 or ISO 13485.
	ii. ISO 9001 certification with a comprehensive certificate mentioning status of registration of main equipment as well as individual components.	ii. Clause deleted
	iv. European CE from notified Body.	iv. The model offered shall have US FDA / CE issued by a notified body / BIS certificate. Relevant certificate shall be submitted.
	d.The company should have at least 3 certified installations of the same equipment in a government sector	d. The company should have at least 3 certified installations of the same / similar equipment in a Government sector
	h.Reporting workstation- Windows operating system with an i7 processor, RAM size should be 16GB or higher, Storage capacity of a minimum of 20,000 images	h. Reporting workstation-Windows operating system with an i7 processor or better, RAM size should be 16GB or higher, Storage capacity of a minimum of 20,000 images

Sl. No.	Existing Specification	Amended Specification
	<p>L.The equipment should be BIS/ISO/CE/USFDA certified with four digit notified Body number or BIS approved and certificate to be submitted OR should meet IEC 60601-1, IEC60601-2-2 and IEC 60601-2-37 standards and valid test report to be submitted from NABL accredited lab for the quoted model or lab in the country of origin.</p>	<p>L.The model offered shall have US FDA / CE issued by a notified body / BIS certificate. Relevant certificate shall be submitted.</p>
	<p>P. Warranty, Maintenance & Uptime Requirements</p>	
	<p>The company should provide comprehensive 1-year warranty followed by 9-years CAMC for the complete system. The warranty and CAMC shall include the main unit with all parts including X-ray tube, detector, workstation, batteries, compression devices, accessories, and all supplied hardware/software components. All software updates/upgrades released during the warranty and CAMC period shall be provided without any additional cost. Regular preventive maintenance, periodic QA/QC checks, calibration, quality assurance tests, and license renewal activities as per AERB guidelines shall be the responsibility of the vendor during the warranty and CAMC period. The vendor shall ensure minimum 98% uptime of the system; in case downtime exceeds the permissible limit, penalty in the form of extended warranty equivalent to double the downtime period shall be applicable. Quoted model should be working satisfactorily for a minimum of 03 years after installation</p>	<p>The company should provide comprehensive 1-year warranty followed by 9-years CAMC for the complete system. The warranty and CAMC shall include the main unit with all parts including X-ray tube, detector, workstation, batteries, compression devices, accessories, and all supplied hardware/software components. All software updates/upgrades released during the warranty and CAMC period shall be provided without any additional cost. Regular preventive maintenance, periodic QA/QC checks, calibration, quality assurance tests, and license renewal activities as per AERB guidelines shall be the responsibility of the vendor during the warranty and CAMC period. The vendor shall ensure minimum 95% uptime of the system; in case downtime exceeds the permissible limit, penalty in the form of extended warranty equivalent to double the downtime period shall be applicable. Quoted /similar model should be working satisfactorily for a minimum of 03 years after installation</p>

SCOPE OF TURNKEY WORK FOR THE INSTALLATION OF DIGITAL MAMMOGRAPHY MACHINE

	NOTE: The turnkey works shall be done on lumpsum rates. The rates for the scope of turnkey works mentioned above shall be offered by considering an area of 150 Sq ft. The rate for executing turnkey works for additional area shall be offered at per Sq ft rate. Payment for additional area will be considered only if the average area of turnkey work executed in all the locations crosses 150 Sq ft.	NOTE: The turnkey works shall be done on lumpsum rates. The rates for the scope of turnkey works mentioned above shall be offered by considering an area of 200 Sq ft. The rate for executing turnkey works for additional area shall be offered at per Sq ft rate. Payment for additional area will be considered only if the average area of turnkey work executed in all the locations crosses 200 Sq ft.
Sl. No.	Clause	Additional Specification
09	Added clause 12	The system should be onsite upgradable to digital Stereotactic breast biopsy & Tomo Biopsy facility if required in the same quoted model in future. Undertaking to be submitted. The rate for the same shall be offered separately and the rate shall be valid for three years. This rate will not be part of financial ranking
10	Added clause 13	The system should be onsite upgradable to Contrast Enhanced Mammography facility & CEDM Biopsy if required in the same quoted model in future. Undertaking to be submitted. The rate for the same shall be offered separately and the rate shall be valid for three years. This rate will not be part of financial ranking

COMMERCIAL TERMS & CONDITIONS

ATC Section & Clause Number	Existing Specification	Amended Specification
Section A; 5	HLL A/c Details for payment of EMD (Payment mode: NEFT / RTGS)	HLL A/c Details for payment of EMD (Payment mode: NEFT / RTGS/ Bank Guarantee)

COMMERCIAL TERMS & CONDITIONS		
ATC Section & Clause Number	Existing Specification	Amended Specification
Section B; E.3	<p>Bidder shall have the following experience : -</p> <p>The Bidder must have successfully supplied and installed same or similar model of equipment for which the bids are invited, in last three years ending 31st March 2026. The bidders are required to furnish supply order copies and corresponding performance certificates, and the equipment shall be satisfactorily functioning in India. The bidders are also required to furnish performance certificates of the same / similar model of equipment supplied in the past 3 financial years for 20% of the quantity (10 Nos) of equipment invited.</p> <p>Bidders quoting should be a manufacturer/ authorized/ direct importer having experience on its own or through their OEM shall have successfully supplied and installed the same or similar equipment.</p> <p>The order shall be awarded to the responsive qualified bidder, who quotes the lowest amount in total. Copies of work orders and satisfactory work completion reports issued by the Client/Authority concerned shall be submitted in proof of the same.</p>	<p>As per GeM Bid Document clause no. 6; Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.</p>
Section B; E.13	Dully filled Self-Declaration – Make in India Preference as per item no. 4 of Section G	Not Applicable

COMMERCIAL TERMS & CONDITIONS		
ATC Section & Clause Number	Existing Specification	Amended Specification
Section C; 11b	The supplier shall ensure continuous service support and availability of all kinds of spares for a period of 15 years from the date of manufacture of the machine	The supplier shall ensure continuous service support and availability of all kinds of spares for a period of 10 years from the date of manufacture of the machine.
Section C:15.8	Upon receipt of such notice, the contractor shall arrange to attend the complaints within 24 hours and with all reasonable speed, repair or replace the defective goods or parts thereof, without cost to the purchaser or to the user institution. The complaints reported shall be rectified completely to the satisfaction of end-user within 3 days of complaint registration. The contractor shall take over the replaced parts / goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter. The penalty clause form on rectification will be applicable as pretender conditions	Upon receipt of such notice, the contractor shall arrange to attend the complaints within 24 hours and with all reasonable speed, repair or replace the defective goods or parts thereof, without cost to the purchaser or to the user institution. The complaints reported shall be rectified completely to the satisfaction of end-user within 5 days of complaint registration. The contractor shall take over the replaced parts / goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter. The penalty clause form on rectification will be applicable as pretender conditions
Section C:15.9	If the contractor, having been notified, fails to respond to take action to repair or replace the defect(s) Within 3 calendar days, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the contractor and without prejudice to other contractual rights and remedies, which the purchaser may have against the contractor.	If the contractor, having been notified, fails to respond to take action to repair or replace the defect(s) Within 5 calendar days, the purchaser may proceed to take such remedial action(s) as deemed fit by the purchaser, at the risk and expense of the contractor and without prejudice to other contractual rights and remedies, which the purchaser may have against the contractor.
Section C:16.e	Breakdown calls shall be attended within 24 hours and major complaints shall be rectified within 3 calendar days from the date of	Breakdown calls shall be attended within 24 hours and major complaints shall be rectified within 5 calendar days from the date of

COMMERCIAL TERMS & CONDITIONS		
ATC Section & Clause Number	Existing Specification	Amended Specification
	intimation. The breakdown calls shall not be combined with preventive maintenance calls	intimation. The breakdown calls shall not be combined with preventive maintenance calls
Section C:16.f	The uptime provided during the CAMC period shall be 98% on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CAMC period by double the downtime period	The uptime provided during the CAMC period shall be 95% on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CAMC period by double the downtime period
Section D; 5	After sales service center should be available at 24 (hrs) X 7 (days) X 365 (days) basis. An undertaking by the Manufacturer shall accompany the tender that the spares for the equipment shall be available for at least 1 year + 14 years defect liability period from the date of supply	After sales service center should be available at 24 (hrs) X 7 (days) X 365 (days) basis. An undertaking by the Manufacturer shall accompany the tender that the spares for the equipment shall be available for at least 1 year + 09 years defect liability period from the date of supply
Section L; 8	It is agreed that__will provide preventive maintenance call at least one visit in four months and the gap between any two Preventive Maintenance should not be less than 90 days and not more than 115 days and attend all breakdown calls, within the time limit prescribed in the tender. In addition, all breakdown calls shall be attended to immediately and all major repairs shall be rectified within 7 calendar days from the date of intimation, as per tender, failing which, a penalty of Rs.50,000/- per day thereof is leviable until the equipment is repaired and commissioned to the	It is agreed that__will provide preventive maintenance call at least one visit in four months and the gap between any two Preventive Maintenance should not be less than 90 days and not more than 115 days and attend all breakdown calls, within the time limit prescribed in the tender. In addition, all breakdown calls shall be attended to immediately and all major repairs shall be rectified within 5 calendar days from the date of intimation, as per tender, failing which, the CAMC period shall be extended to double the breakdown period, For this purpose you shall carry sufficient inventories

COMMERCIAL TERMS & CONDITIONS		
ATC Section & Clause Number	Existing Specification	Amended Specification
	satisfaction of the end user, For this purpose you shall carry sufficient inventories to assure prompt replacement of defective parts as per tender	to assure prompt replacement of defective parts as per tender

All other technical specifications of the original tender document remain unchanged

All relevant clauses of the tender document are to be read in accordance with the above change and in case if any bids were already submitted, if required you may resubmit the documents in compliance of the above amendment.

All other terms and conditions of the original tender document shall remain unchanged.

Vice President (PS) & GH (HCS)