

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 13:00:00
Bid Opening Date/Time	23-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Army
Office Name	*****
Total Quantity	2
Item Category	Portable X Ray Machine
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Portable X Ray Machine (2 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Certification	-	*
	Certification number and date	-	*
	Type test approval from AREB required	Yes	*
	AREB approval certificate number of Particular Model	-	*
	Confirmity to manufacturing standards	ISO 13485	*
Performance Parameters	Purpose	Mobile radiographic units (Portable X ray Machines) are used for radiographic imaging of patients who cannot be moved to the radiology department and who are in areas, such as intensive and critical care units or operating and emergency rooms. These devices are used mainly for general adult two-dimensional (2-D) radiographic studies (predominantly for chest x-rays) as well as pediatric, neonatal, and orthopedic imaging	*
	UMDNS Name and Code	Radiographic Unit, Mobile - 13-272	*
	Type of frequency Generator	High frequency	High frequency
	Frequency generator output in kW	3.5	3.5
	Voltage Output range in kV	40 to 100	40 to 100
	Tube Current in mA	70	70
	Maximum Exposure time in milli sec	upto 10	upto 10

mAs Range	0.5 to 200	0.5 to 200
Nominal focal spot size in mm	1 to 2	1 to 2
Inherent Filtration of x-ray	Yes	*
Collimator provided	Yes	*
Type of Collimator	Manual	Manual
Focal Spot size in mm	1-2	1-2
Heat storage capacity in kHU	40	*
Automatic exposure control device provided	No	No
Digital display for kV & mAs supplied	Yes	*
Electronic timer supplied	Yes	*
Provision of Anatomical programming radiography(APR)	Yes	Yes
X-ray tube system	Stationary Anode	Stationary Anode
Anode speed in rpm (Hint: for rotating anode the speed should be 2500 or more and for stationary anode 0)	0	*
The unit should be easily positioned (from either side of the bed) for imaging in all possible projections	Yes	*
Portable X-ray machine shall be easily transportable and steering on caster wheel	Yes	*
Provision of effective braking system for parking,transport and emergency braking	Yes	*
Lead Aprons - Full body and Skirt type	4 No each (0.5pb)	*
No of Thyroid shield and Gonad Shield	4 No each	*
X-ray exposure command control	Hand switch	*

Power Cable length in meter	5	*
X- ray film Cassette holder available	Yes	Yes
X-ray film cassette holder size in mm x mm	35 x 43	35 x 43
Power supply	Single Phase AC (220-240 V,50 Hz)	*
Power plug (16 amp) compatible to standard wall outlet shall be supplied	Yes	*
Tube protection against overload provided	Yes	*
Portable X ray machine should be made in small footprint and hidden cable design for easy and efficient cleaning	Yes	*
Operating temperature and humidity	10 - 28 deg C and relative humidity of 15-90%	*
Number of installations of the Portable X- ray machines in Central /State/PSU Govt Hospitals(Hint: Seller should furnish a performance certificate of the device to the buyer if demanded after placement of the order)	>3	>3, <3
OEM and Reseller (if supplier is re-seller) shall ensure uninterrupted availability of all spares for 10 years	Yes	*
Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes	Yes
User/Technical/Maintenance manuals to be	Yes	*

	supplied in English in hard and soft copy		
	Demonstration of equipment and training to be provided after completing supplies before acceptance	Yes	*
	Warranty in years	3	3
Reports	The Principal Manufacturer must have direct Presence/approved service center In India	Yes	*
	Copies of reports and certifications to be furnished to buyer on demand at time of supplies	Yes	*
	QA, QC and other tests as per NABH shall be carried out by OEM or authorized agency of OEM	Yes	*
	Copies of all calibration and test reports to be submitted at the time of Supply of Machine	Yes	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	*****	*****KOLKATA	2	30

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---