

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 12:00:00
Bid Opening Date/Time	25-07-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	Secr
Total Quantity	1
Item Category	Portable X Ray Machine
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Certificate (Requested in ATC),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.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

Portable X Ray Machine (1 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	Line frequency	Line frequency

Generator		
Frequency generator output in kW	8	8
Voltage Output range in kV	40 to 100	40 to 100
Tube Current in mA	100	100
Maximum Exposure time in milli sec	upto 40	upto 40
mAs Range	0.5 to 200	0.5 to 200
Nominal focal spot size in mm	1 to 3	1 to 3
Inherent Filtration of x-ray	Yes	*
Collimator provided	Yes	*
Type of Collimator	Manual	Manual
Focal Spot size in mm	2-3	2-3
Heat storage capacity in kHU	5	*
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)	21500	*
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	4	*
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	Yes	*

	uninterrupted availability of all spares for 10 years		
	Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes	Yes
	User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes	*
	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	Kartick Chandra	492008,Sr DMM SECR DRM	1	30

Bag	Office , South East Central Railway		
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Bid Specific Additional Terms and Conditions

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
3. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
4. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
5. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
6. Scope of supply (Bid price to include all cost components) : Only supply of Goods

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

---Thank You---