

**Organisation Details**

Type: Central PSU  
 Ministry: Ministry of Coal  
 Department: Materials Management  
 Organisation Name: Bharat Coking Coal Limited  
 Office Zone: Bccl Dhanbad

**Buyer Details**

Name: Ashok Kumar Pandey  
 Designation: Senior Manager(MM)  
 Contact: -  
 No.: -  
 Email ID: ak.pandey4576@nic.in  
 GSTIN: N  
 Address: MM Department, level 3, Commercial Building, Koyla Bhawan,  
 Koyla Nagar,  
 DHANBAD, JHARKHAND-826005, India

**Financial Approval Detail**

IFD Concurrence : Yes  
 Designation of Administrative Approval : D(T)PP,BCCL.  
 Designation of Financial Approval : D(T)PP,BCCL.

**Seller Details**

Company Name: AMX Medical Systems  
 Contact No.: 9990655044  
 Email ID: praveengupta\_2727@yahoo.co.in  
 Address: 106 C,Gulmohar Green,Mohan Nagar,  
 Ghaziabad, UTTAR PRADESH-201007, -  
 MSME verified: Yes  
 MSE Social Category: General  
 MSE Gender: Female

**Product Details**

#	Item Description	Category Name	Model	Ordered Quantity	Unit	Price (Inclusive of all Duties and Taxes in INR)
1	AMX X Ray Machine (300 mA) with High frequency generator	X Ray Machine (300 mA)	DIGITONE 300	1	pieces	874,900
Total Order Value (in INR)						<b>874,900</b>

**Consignee Detail**

S.No	Consignee	Item	Quantity	Expected Delivery Date
1	Alok Kumar - Landline-- kul.b0478@nic.in Depot Officer, Central Store, Ekra, BCCL, Post Office- BANSJORA, Dhanbad, Jharkhand-828101., DHANBAD, JHARKHAND-828101, India	AMX X Ray Machine (300 mA) with High frequency generator	1	27-Feb-2020

**Product Specification for AMX X Ray Machine (300 mA) with High frequency generator**

Specification	Sub-Spec	Value
Standards	Conformity to Certification	CDSCO/AERB
	Certification number and date	UP-21498-MF-XRE-001 dt. 24-04-2017
	Type test approval from AREB required	Yes
	AREB approval certificate number of Particular Model	99-TA-810
	Confirmity to manufacturing standards	Both ISO 13485 and ICMED 13485

	Conformity to safety standards	IEC 60601-2-54 or BIS equivalents
Performance Parameters	Purpose	For Radiographic examinations
	Type of frequency generator	High frequency generator
	Frequency generator output in kW	40
	KVP range in KV	40 -125
	Current output	300 mA or more at 100 kV
	Provision of Anatomical programming radiography	Yes
	Over loading protection	Yes
	X-ray tube positioning	Floor Mount Tube stand
	X ray tube should be high speed rotating anode and must have dual focus	Yes
	Tube rotation in degree	120
	Size of large focal spot in mm	Upto 2 mm
	Size of small focal spot in mm	Upto 1 mm
	Anode Rotation Speed (minimal) per minute	3200
	Permanent Filtration	0.9 mm Al / 75 kV
	Anode heat storage capacity (min)	140 kHU or more
	Heat dissipation rate in HU/Sec	670
	Automatic exposure control device provided	Yes
	Maximum Exposure time in milli second	upto 15
	Digital display for KVP & mAs provided	Yes
	Range of tube movements in vertical planes in cm	250
	Range of tube movements in longitudinal in cm	250
	Range of tube movements in lateral planes in cm	250
	Electromagnetic brakes with fully counter balanced mechanism for tube movement	Yes
	Facility to display tube angulation	Yes
	Centering devices to be provided	Yes
	Maximum source to image distance (SID) in vertical position in cm	150
	Maximum source to image distance (SID) in horizontal position in cm	110
	Collimeter rotation in degree	±180
	Multileaf collimator having halogen lamp/bright light source, with auto shut off provision of the light, should be available	Yes
	Minimum intensity of light field lamp	?150 lux
	Full coverage size at a 100 cm SID(collimeter size) with ± 5 percent tolerances	430 x 430
	Type of table provided	Floating table top
	Table top material with low attenuation and scratch resistant surface	Carbon fiber
Table Length in mm with ± 1 percent tolerances	2360	
Table Width in mm with ± 1 percent tolerances	760	
Table Height in mm with ± 1 percent tolerances	750	
System should have longitudinal and horizontal table top movements	Yes	
Table should have provision for lateral imaging, without patient movement	Yes	
Range of movements for the table	Transverse movements of + 10cm or more & Longitudinal movements+ 40 cm with	

		electromagnetic brakes
	Facilities of height adjustments	Yes
	Maximum Patient weight supported by table in kg	300
	Foot switches for adjusting longitudinal/side to side movements, locking, and light adjustment	Yes
	Movable Grid with grid ratio	10:1 or more
	Anti-collision and safety devices provided	Yes
	Counterbalanced, adjustable height, wall and floor mounted, vertical Bucky	Yes
	SID range of radiographic application including chest radiography in mm	1000 to 1800
	Provision of doing chest radiography without grid	Yes
	Power supply	Three Phase AC ( 380-440 V,50/60 Hz)
	Lead lining for doors	Yes
	Number of installations of the X- ray machines in Central /State/PSU Govt Hospitals (Note: Seller should furnish a performance certificate of the device to the buyer if demanded after placement of order)	<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
	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
	Comprehensive Warranty in Years	5
Additional Parameters	Patient fixing belts and compression device (for performing excretory urography, etc)	Yes
	Voltage stabilizer servo controlled in KVA	50
	Light weight 'zero lead' radiation protection aprons provided	Yes
	Lead Aprons - Full body and Skirt type	2 No each (0.5pb)
	Thyroid shields supplied	4
	Gonad sheet Male supplied	2
	Gonad sheet Female supplied	2
	Wall mounted stand for radiation protection aprons supplied	Yes
	Lead glass window Supplied	Yes
	Footsteps for the table supplied	Yes
	Lateral cassette holder provided	Yes
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

### Corrigendum

1. Extended Upto : 2019-12-09 17:00:00

### Terms and Conditions

#### 1. Special terms and conditions

- **Comprehensive warranty**

Comprehensive warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares,. During the warranty period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months. warranty shall not be including the consumables .Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.

- **Service centres**

Details of Service outlets in India to render services for equipment to be furnished to buyer/consignees with complete address ,telephone numbers, e mails etc at time of making the supplies .It shall be the responsibility of seller to ensure that authorized service centres are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled .Details of toll free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies.

- **Source of supply**

It shall be responsibility of seller to provide Documents regarding source of equipments such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from them.

- **Packing and Marking**

Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. .The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take in to consideration the type of medical equipments being supplied. The accessories shall be suitably labelled and packed .Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date , brief description of goods including quantity ,. Packing list reference number , country of origin of goods and any other relevant details.

- **Spare Parts**

Seller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM . It shall be ensured that the required spares are available for purchase at least for 10 years from date of supplies .In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipments so that the same are available.

OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipments supplied.

- **Installation, Training, Manuals**

Seller shall be responsible to carry out Installation & commissioning, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee's representatives for operating and maintaining the equipment and Supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations , training and manuals the same shall also be applicable.

- **Electrical safety checking**

Sellers are required to make sure that they furnish the list of equipments for carrying out routine and preventive maintenance to buyer/consignee. They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent .In case they do not have required equipment for such testing should ensure that the equipments checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call.

- **Software** All software updates should be provided free of cost during warranty period.

## 2. General Terms and Conditions

**2.1** This Contract between the Seller and the Buyer, is for the supply of the Goods and/ or Services, detailed in the schedule above, in accordance with the General Terms and Conditions (GTC) as available on the GeM portal (unless otherwise superseded by Goods / Services specific Special Terms and Conditions (STC) and/ or BID/Reverse Auction Additional Terms and Conditions (ATC), as applicable

**2.2 Terms of delivery:** Free Delivery at Site including loading/unloading. In respect of items requiring installation and / or commissioning and other services in the scope of supply (as indicated in respective product category specification / STC / ATC), and the cost of the same is also included in the Contract price.

**2.3 Delivery period:** The Delivery Period/Time shall be essence of the Contract and delivery must be completed not later than such date(s). Any modification thereto shall be mutually agreed and incorporated in the Contract as per the provisions of the GTC.

**2.4 Performance Security:** If the Seller fails or neglects to observe or perform any of his obligations under the contract it shall be lawful for the Buyer to forfeit either in whole or in part, the Performance Security furnished by the Seller.

**2.5 Taxes and Duties:** Contract Prices are all inclusive i.e. including all taxes, duties, local levies / transportation / loading-unloading charges etc. Break up of GST shall be indicated by the Seller while raising invoice / bill on GeM. While submitting the bill / invoice Seller shall undertake that the Goods and Services Tax (GST) charged on this bill is not more than what is payable under the provision on the relevant Act or the Rules made there under and that the Goods on which GST has been charged have not been exempted under the GST Act or the Rules made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under.

**2.6 Octroi Duty and / or other local taxes:** Contract Prices are all inclusive hence no reimbursement over and above the contract price(s) shall be allowed to seller towards payment of local taxes (such as levy of town duty, Octroi Duty, Terminal Tax and other levies of local bodies etc).

**2.7 Limitation of Liability:** The provisions of limitation of liability between Buyer and Seller as given in the GTC shall be applicable here.

**2.8 Resolution of disputes:** The provisions of DISPUTE RESOLUTION BETWEEN BUYER AND SELLER as given in the GTC shall be applicable here.

**2.9 Liquidated Damages:** If the Seller fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever. In case, Service Level Agreement (SLA) is applicable the same shall be applicable for the Contract.

**2.10 Financial Certificate:**

**2.10.1** The expenditure involved for this purpose has received the Sanction of the competent financial authority.

**2.10.2** The funds are available under the proper head in the sanction budget allotment for the concern financial year.

**2.10.3** I have been fully authorized by the department to sign the supply order or incur the liability of the Goods being ordered.

**2.11** The bidder should submit a self declaration to the effect in bidder's official letter head that their agency have not been black listed by any Agency whatsoever till date.

**3. Additional Terms and conditions**

**3.1** 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)

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