

Organisation Details

Type: Central PSU
 Ministry: Ministry of Coal
 Department: Materials Management
 Organisation Name: Bharat Coking Coal Limited
 Office Zone: Bcl 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: TRIVITRON HEALTHCARE PRIVATE LIMITED
 Contact No.: 08291282816
 Email ID: diag.tenders@trivitron.com
 Address: No 15, ABHIRAMPURAM, IV STREET, chennai,
 Chennai, Tamil Nadu-600018, -
 MSME verified: Yes
 MSE Social Category: General
 MSE Gender: Male
 GSTIN: 33AAACT9378H1Z1

Product Details

#	Item Description	Category Name	Model	HSN Code	Ordered Quantity	Unit	Price (Inclusive of all Duties and Taxes in INR)
1	DIGITAL RADIOGRAPHY SYSTEMS (82kw)	Digital Radiography Systems	DIGITAL RADIOGRAPHY (KIRAN) ULTISYS 82	90221490	1	pieces	8,300,000
Total Order Value (in INR)							8,300,000

Consignee Detail

S.No	Consignee	Item	Quantity	Expected Delivery Date
1	Rajendra Prasad - Landline-0326-2206167-234 rajendra.p2183@nic.in Chief Of Medical Services, Central Hospital , PO- Jagjivan Nagar., DHANBAD, JHARKHAND-826003, India	DIGITAL RADIOGRAPHY SYSTEMS (82kw)	1	26-Apr-2020

Product Specification for DIGITAL RADIOGRAPHY SYSTEMS (82kw)

Specification	Sub-Spec	Value
Standards	Conformity to standards	AERB
	Certification Number and date	18-TA-264248 dated 14.03.2018
	AREB type approval for particular model	Yes
	AERB Certificate Number and date for model	18-TA-264248 dated 14.03.2018
	Conformity to Manufactures Quality Certifications	ICMED 9001 & 13485

	Conformity to Safety Standards	IEC 60601-2-54 or equivalent BIS
Performance Parameters	UMDNS Code and names	18-430
	Scope of Supply	Digital Radiographic system with flat panel detector
Table and Table top parameters	Type of table	Floating Top Type
	Type of table movement	Motorized
	No of movements of Table	6 Way
	Portability of table	No
	Longitudinal Movement(with tolerance $\pm 10\%$)	± 50
	Lateral movement (with tolerance $\pm 10\%$)	± 15
	Length x Width ($\pm 5\%$)	210 x 70
	X Ray density	< 1 mm A I
	Minimum and maximum adjustable heights ($\pm 10\%$)	55-85
	Load bearing capacity of table in kg	300 or more
Table Bucky System	Type of Table bucky movement	Auto tracking and auto synchronization
	Bucky rotatable	No
	Size in inches	17x17
	AEC	3 Field or higher
	Grid Ratios	10:1 or higher
	Lines in mm	103
	Longitudinal travel	Motorized
Upright Bucky	Type	Motorized tilting
	Sizes in inches	17x17
	A E C	3 Field or higher
	Movable grid with Grid Ratios	10:1 or higher
	Line in inches	103
	Tilt	Yes
Digital Detector	Radiography Mode	Digital
	Number of detectors	Dual
	Detector Material	Cesium Iodide
	Detector Size	17 X 17 and 17 x 17
	Matrix size	2.8k x 2.8k
	Pixel size in μm	150
	Grey Scale resolution, bits/pixel	14 or better
	DQE at 0 LP/mm	65% or more
Control panel for image acquisition	Image preview time in seconds	8
	Control panel	Microprocessor controlled
	Automatic parameter selection	Yes
	Control panel entry	Alphanumeric key board
	Virtual grid software	Yes
	Grid removable	Yes

	Anatomic specific post processing	Yes
X Ray Generator and Tubes	" High Frequency X-ray Generator power in Kw "	80 Kw
	Maximum Ma at 100 KVP	800
	Focal spot	0.6 and 1.2
	Heat Capacity ,KHU	300-400
	"Control panel and x ray tube "	Yes
	Post Processing Features	zoom, contrast and brightness, adjustment, panning annotate, mark and reporting
	Automatic tube positioning	Yes
Tube suspension	Tube mounted x ray control	Yes
	Type of suspension	Ceiling
	Collimator Type	Automatic
Workstation	Monitor size in inches	19
	Processor	i 5
	RAM in GB	4
	HDD In GB	1 TB
	Dicom compatibility of work station	Yes
	The work station should be fully network ready and it should transfer images and patient data from and to hospital network using LAN connectivity or wireless LAN	Yes
	work station integrated with system	Yes
	work station with advance measurement tool should be provided	Yes
	DICOM Printing software to be provided	Yes
	Patient study on film	Yes
Accessories	Hand grips	Yes
	Foot switches for adjusting longitudinal/side to side movements, locking, and light adjustment	Yes
	Patient fixing belts and compression device (for performing excretory urography, etc)	Yes
	Stitching Hardware And Software	Yes
	Integration	DICOM 3.0 storage SOP Classes
	DAP Meter supplied	Yes
	Lead Apron	Yes
	Light weight 'zero lead' radiation protection aprons provided	Yes
	Lead Aprons - Full body and Skirt type	2 no each (0.5pb)
	Thyroid shields supplied	Yes
	Gonadsheet Male supplied	Yes
	Gonad sheet Female supplied	Yes
	Wall mounted stand for radiation protection aprons supplied	Yes
	Lead glass window Supplied	Yes
	Footsteps for the table supplied	Other Requirements
	Power	440 v 50 hz 3 Phase 16 Ampls socket
	Voltage stablizer servo controlled in KVA	100
Weight of system in kg	2000	

Miscellaneous Parameters	Number of installations of the X- ray machines in Central /State/PSU Govt Hospitals(Note: Seller should supply a performance certificate of the device to the buyer if demanded after placement of order)	up to 3
	Comprehensive warranty in years	5
	OEM/Reseller (if supplied to reseller 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
	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
	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

Terms and Conditions

1. Special terms and conditions

1.1

- **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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