



Bid Number: GEM/2020/B/691855
Dated: 30-06-2020

Bid Document

Bid Details	
Bid End Date/Time	21-07-2020 11:00:00
Bid Opening Date/Time	2020-07-21 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Petroleum And Natural Gas
Department Name	Na
Organisation Name	Oil And Natural Gas Corporation Limited
Office Name	Assam Mm
Total Quantity	1
Item Category	C ARM FLUOROSCOPE 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

Advisory Bank	State Bank of India
EMD Percentage(%)	1.00
EMD Amount	22650

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	16

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Sr. MM Officer

ASSAM MM, NA, Oil and Natural Gas Corporation Limited, Ministry of Petroleum and Natural Gas
(Manuranjan Gogoi)

Splitting

Bid splitting not applied.

C ARM FLUOROSCOPE X RAY MACHINE (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Conformity to Certifications	-	*
	Certification Number and Date	-	*
	Type test approval from AERB required	Yes	*
	Type test certificate date and number	-	*
	Conformity to Safety Standards	IEC 60601-2-54 or BIS equivalent	*
Performance Parameters	Purpose	C arms fluoroscopes are used in a variety of general surgical, cardiac, and neurological applications, including aneurysm repair, pacemaker implantation, hip replacement, fracture reduction, foreign-body	*

	location, needle biopsy, catheter placement, pain management, percutaneous lithotripsy, and brachytherapy	
UMDNS Name and Code	1. Fluoroscopic Units, Portable - 18-434 2. Radio graphic/Fluoroscopic Units, Mobile - 11-758 3. Radio graphic/Fluoroscopic Units, Extremity - 18-435	*
The System should be microprocessor controlled, compact and mobile offering excellent Image details	Yes	*
Type of Mechanical Motion of C Arm	Motorized	Motorized
Horizontal movement Of C Arm in mm	200	*
Vertical Movement Of C Arm in mm	450	*
Angulation Movement of C Arm in degrees	± 180	± 180
Radius (Immersion Depth)of C arm in mm	630	*
Source to Image Distance in mm	950-1000	950-1000
Arc Orbital Movement of C Arm	At least $+90^{\circ}$ - 30°	At least $+90^{\circ}$ - 30°
Total width of C Arm in mm(Free space of C arm)	761	*
Panning Movement of C Arm (Swivel movement)	$\pm 12.5^{\circ}$	$\pm 12.5^{\circ}$
Safety Feature available for C Arm Movement	a. Locks for all the movements. b. Control Stand foot lock. c. Steering wheel for easy steering & movement	*
Range of Frequency of X ray Generator in khz	31-40	31-40
Generator Power output in Kw	3.5	3.5

Fluoroscopy Range in kvp	40-110	40-110
Fluoroscopy mA range, maximum in mA	0.2 to 7	0.2 to 7
Dual focus Rotating Anode X-Ray Tube of focal spot	0.6mm ² (small) & 1.5mm ² (large)	0.6mm ² (small) & 1.5mm ² (large)
Anode heat storage capacity with tolerance $\pm 10\%$	40KHU	40KHU
Modes Available	Continuous fluoro, Pulsed Fluoro, Radiographic Mode	*
Pulses per sec	1 to 5	1 to 5
Mode selection for Kv and mA	Automatic	Automatic
Type of Image Intensifier	9 " triple Field	9 " triple Field
Number of Monitors provided on intensifier system	2 (One for LIH and one for memory display)	2 (One for LIH and one for memory display)
Type of monitor to be provided with intensifier system	LCD	LCD
Size of Monitors in inch	17-20	17-20
Type of Collimator controlled	Both Fixed Collimation Slot & Motorized IRIS	Both Fixed Collimation Slot & Motorized IRIS
Type of Camera	CMOS Camera	CMOS Camera
Camera Resolution in pixels	1K x 1K	1K x 1K
Acquisition of Camera	10 bits	10 bits
Contrast ratio of intensifier unit	10:1 to 30:1	*
Image storage capacity in images	Above 100000	Above 100000
Image reversal	Yes	*
Zoom function available	3x	3x
Monitor with trolley	Yes	*
Sterile covers for C-Arm/X-Ray tube/ Image Intensifier	Yes	*
DICOM Compatibility	Yes	Yes

The system should be ready to connect with HIS/ PACS	Yes	Yes, No
Data transfer	Both USB and CD?DVD	Both USB and CD?DVD
Lead Aprons - Full body and Skirt type	(0.5pb) 4 number each	*
No of Thyroid shield and Gonad Shield	4 number each	*
Radiation/Fuoro Exposure delivery Switch	Hand Switch and Foot Switch	*
Display of mA, KV and other safety features on C - arm Console	Yes	*
Radiography through Cassette with holder	Yes	Yes, No
Size of Cassette holder provided (for radiographic mode) in inch x inch	10 x 12	14 x 17, 12 x 12, 10 x 12, 8 x 10, Not provided
Patient demographic detail entry facility	Yes	*
Upgradable option to digital substration of angigraphy and peripheral angiography	No	Yes, No
"Automatic image parameter selection with capability of switching on to manual selection"	Yes	*
Operating temperature & humidity	0 to 25 deg C and relative humidity of 15-90%	*
Type of Power Supply	Single phase, 220- 240 Vac, 50Hz-16 Amps Socket	*
UPS Availability	External	External
UPS backup time in minutes	15	15
Servo Stabilizer supplied	Yes	Yes
Rating of Servo Stabilizer	5 KVA	5 KVA
User/Technical/Maintenance manuals to be	Yes	*

	supplied in English in hard and soft copy		
	Installation, Demonstration and training to be provided at consignee end	Yes	*
	The Principal Manufacturer Must Have Direct Presence/approved service center In India	Yes	*
	Comprehensive Warranty in Years	5	5
	QA, QC and other tests as per NABH shall be carried out by OEM or authorized agency of OEM	Yes	*
Reports	Confirmity to Manufacturing Standards	ISO 13485	ISO 13485
	Certification number and date	-	*
	Copies of all calibration and test reports and certifications 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	Tukheswar Buragohain	785640,CENTRAL STORES, ONGC, SIVASAGAR	1	60

Special terms and conditions for category C ARM FLUOROSCOPE X RAY MACHINE

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.

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
2. **Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance: Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC): AT DESTINATION, CENTRAL STORES, ONGC, SIVASAGAR Post Receipt Inspection at consignee site before acceptance of stores: AT DESTINATION,

CENTRAL STORES, ONGC, SIVASAGAR

3. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 10 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
4. Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name ONGC, SIVASAGAR, ASSAM Account No. 10637162283 IFSC Code SBIN0004797 Bank Name STATE BANK OF INDIA Branch address ONGC COLONY SIVASAGAR BRANCH-785640. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.
5. Bidders can also submit the EMD with Account Payee Demand Draft in favour of F&AO, ONGC, SIVASAGAR payable at AT SIVASAGAR. Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
6. Bidders can also submit the EMD with Banker's Cheque in favour of F&AO, ONGC, SIVASAGAR payable at SIVASAGAR. Bidder has to upload scanned copy / proof of the BC along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
7. Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name ONGC, SIVASAGAR, ASSAM Account No. 10637162283 IFSC Code SBIN0004797 Bank Name STATE BANK OF INDIA Branch address ONGC COLONY SIVASAGAR BRANCH-785640. Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.
8. Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of F&AO, ONGC, SIVASAGAR payable at AT SIVASAGAR. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

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

---Thank You---