



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/5274555
Dated/दिनांक : 05-09-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	26-09-2024 14:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	26-09-2024 14:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Delhi
Department Name/विभाग का नाम	Health And Family Welfare Department Delhi
Organisation Name/संगठन का नाम	Chacha Nehru Bal Chikitsalaya
Office Name/कार्यालय का नाम	East
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	C Arm Fluoroscope X - Ray Machine (V2) (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	45 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	2 Year (s)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Bidder Turnover,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
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	Yes
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination

Bid Details/बिड विवरण	
Comprehensive Maintenance Charges Required	Yes
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	3 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Estimated Bid Value/अनुमानित बिड मूल्य	9100000
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	182000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	62

(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./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

Beneficiary/लाभार्थी :

Director
Chacha Nehru Bal Chikitsalaya, Geeta Colony, Delhi-110031
(Director, Cnbc)

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	No
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MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. 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 for number of Financial years as indicated above 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 Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

3. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

4. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

5. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- If number of technically qualified bidders are only 2 or 3.
- If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

C Arm Fluoroscope X - Ray Machine (V2) (1 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

* As per GeM Category Specification/जेम केटेगरी विशिष्टि के अनुसार

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
GENERAL	Product Description	C Arm Fluoroscope X-Ray Machine
PRODUCT INFORMATION	Type of Mechanical Motion of C Arm	Motorized, Manual
	Vertical Movement of C Arm (in mm)	400 - 450
	Angulation Movement of C Arm (in degrees)	± 120, ± 180, ± 190, ± 200
	Arc Orbital Movement of C Arm	Atleast +90°- 30°
	Total width of C Arm in mm (Free space of C arm)	600 - 850
	Panning Movement of C Arm (Swivel movement)	±12.5°
	Range of Frequency of X ray Generator in khz	41 - 50
	Generator Power output in Kw	2, 2.5, 3.5, 5, 10
	Dual focus Rotating Anode X-Ray Tube of focal spot or Stationary Anode X-Ray Tube of focal spot	0.3mm ² (small) & 0.6mm ² (large)
	Anode heat storage capacity with tolerance ±10%	40KHU, 50 KHU, 100 KHU, 500 KHU
	Modes Available	Continuous fluoro, Pulsed Fluoro, Radiographic Mode
	Number of Monitors provided on/with intensifier system	2 (One for LIH and one for memory display), Single monitor with dual image display, Single monitor with dual image display touch screen
	Type of monitor to be provided with intensifier system	LCD / LED / TFT
	Camera Resolution in pixels	1K x 1K
	Acquisition of Camera	16 bits
	Image storage capacity in images	Above 100000
	Monitor with trolley	Yes
	DICOM Compatibility	Yes
	The system should be ready to connect with HIS/ PACS	Yes
	Data transfer	USB and CD/DVD
Radiation/Fuoro Exposure delivery Switch	Hand Switch and Foot Switch	

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Upgradable option to digital substration of angigraphy and peripheral angiography	Yes
CERTIFICATIONS	Compliance to Medical Device Rules (MDR) 2017 as amended till date	Yes
	Availability of valid Medical Device license for the product issued from the competent authority defined under Drugs and Cosmetic Act 1940 and Rules made there under as amended till date	Yes
	Certification for manufacturing unit	ISO:13485 (Latest)
	Conformity to safety standards	IEC 60601-2-54 or BIS equivalent
	Submission of all necessary certifications, licenses and test reports to the buyer at the time of bid submission or along with supplies as per buyer requirement	Yes
	AERB Type Approved Equipment	Yes
	Conformity to Indian Standard IS 7620- Part 1, Part 2, Part 3	Yes
WARRANTY	Warranty in Years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	5.0 (year)

Comprehensive Maintenance	
Warranty of required product	5 Year
Comprehensive Maintenance Duration (Post Warranty)	5 Year

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Additional Specification Parameters - C Arm Fluoroscope X - Ray Machine (V2) (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Specifications mentioned in "Buyer added bid specific terms and conditions" are final.	Specifications mentioned in "buyer added bid specific terms and conditions" are final. These specifications will supersede the GeM category specifications. The specifications mentioned in "buyer added bid specific terms and conditions" will be considered for technical evaluation of the bid.
Demonstration	Onsite Demo of the quoted model of equipment within CNBC premises should be provided.

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Ravinder Pal Singh Dhingra	110031,Raja Ram Kohli Marg Geeta colony	1	45

Special terms and conditions-Version:1 effective from 10-07-2024 for category C Arm Fluoroscope X - Ray Machine (V2)

1. All Provisions of Drugs and Cosmetics Act, 1940 and Rules (including Medical Device Rule 2017) made there under as amended till date will always be applicable. This will include all notifications issued by Central Drugs Standard Control Organization (CDSCO), Ministry of Health & Family Welfare (MoHFW) and Department of Pharmaceuticals (DOP), Ministry of Chemicals & Fertilizers time to time in this regard.
2. The sellers are registered on GeM based on the self declaration of valid Medical Device License, product certification, test reports etc. However, buyers must check and validate the details at their end for all applicable licenses and certifications e.g., validity and authenticity/genuineness of Medical Device license, product certification, manufacturer certification/licenses, test reports etc.
3. In case of authorized resellers/distributors, it will be the legal & regulatory liability of the manufacturer to ensure that their resellers/distributors are operating in compliance with all relevant laws and regulations and are properly licensed to sell the manufacturer's products, including verifying the validity and authenticity of Medical Device license held by them.
4. The price offered by the seller/bidder shall not, in any case exceed the DPCO/NPPA controlled price or price fixed by State Government, if any. The seller must reduce the prices if there is any reduction in DPCO/NPPA ceiling price or price fixed by State Government, if any.
5. Any other Terms and Conditions which is not included or at variance with the conditions specified in STC/GTC, may be added by the buyer through Additional Terms and Conditions (ATC) in the bid to ensure items are procured from authentic/validated source with appropriate and applicable quality. The above terms and conditions are in reverse order of precedence i.e. ATC shall supersede specific STC which shall supersede General Terms and Conditions (GTC), whenever there are any conflicting provisions.
6. **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.
7. **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.

8. **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.
9. **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 into 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.
10. **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.
11. **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.
12. **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.
13. **Software:** All software updates should be provided free of cost during warranty period.

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

2. Provisions for workmen compensation, insurance, public liability, property damage, insurance etc. to be ensured by the contractor. Also, safety measures prescribed for working in Extra High Voltage & use of personnel protective equipment must be adhered to.

3. Turnover

Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the

date of constitution shall be taken into account for this criteria.

4. Buyback for Non PFMS / Non GPA

Buyback for Non PFMS/Non GPA:

1. GST will apply on the value of buyback and separate invoice is to be prepared by Government buyer/Consignee for buyback items offline outside the GeM system. Vendor should work out input credit for that GST applicable on the buy back while quoting the product/services.
2. Input GST Credit consideration by seller- seller shall offer the prices in the bid by the total amount of new goods including GST- total amount of old goods quoted by the firm excluding GST. This is because GST charged by buyer on buy-back value will be available for full ITC (input tax credit) on the hands of bidder. Therefore, for the purpose of quoting in the bid and evaluation, value as quoted by the bidder (excluding any GST on buy back) as indicated in column G below will be considered. Illustrative examples for bidders are as under for understanding of the seller.

Excel sheet for explanation to Buyback ATC							
S	Cost of Fresh Good (A)	%age of GST on Fresh Good as considered by seller at the time of quote (B).	GST Amount on Fresh Good (C)	Cost of Buyback item (D)	%age of GST on Buyback items (E) as fixed by buyer in the bid	GST Amount on Buyback item (F) as applicable at the time of invoice by buyer	Quote of the Bidder (G= {A+C-D})
1	100	28	28	20	8	1.6	108
2	100	9	9	20	8	1.6	89
3	110	10	11	24	8	1.92	97

Seller after the award of the GeM contract, will indicate all column A to G which will not alter their quoted price indicated in Colum-G

3. Successful lowest bidder has to provide detailed cost break up of tendered items as well as buy back items separately after award of contract through email to the government buyer/consignee.
4. The seller of new item /service provider shall deposit the cost of invoiced buy back item with GST to the buyer for allowing seller to lift up the material from the buyer/consignee premise.
5. Transportation of buy back items from buyer premises shall be arranged by the seller itself without any extra cost.
6. Government Buyer organisation /consignee will issue invoice of buy back items to the seller at the cost of buyback to be indicated to the buyer by the seller offline after receipt of order. This in no case will modify the bid in any manner.
7. The seller will be entirely responsible for the safe disposal of old items without affecting the environment in any manner as per prevailing statutory rules and Act/ law of the land.
8. The seller may visit the site and inspect the condition of buy back item in advance before quoting for the bid.
9. Receipt of payment by the buyer for Old items and invoicing by buyer will be out of GeM portal.
10. Government Buyer will upload the details of old goods along with the bid in the corrigendum with minimum price.
11. If the minimum price (Optional) is indicated and sellers of new item who are not agreeing to take back the old item at equal to or above that minimum price should not participate in the bid.
12. In case they participate into the bid and afterwards indicates the price of old goods, less than the minimum price shown by Government Buyer in corrigendum, EMD of the bidder will be forfeited.
13. Item Details Consignee wise will be indicated in the corrigendum like -
 1. Consignee wise
 2. Item Description
 3. Serial Number
 4. Model
 5. Brand
 6. Year of manufacturing
 7. Purchased on
 8. Age
 9. Size, Rating, Designation
 10. Quantity
 11. Min price (Optional)
 12. Unit
 13. Working Guidelines (/Functional/Non-Functional)
 14. Remarks

14. The successful bidder shall remove the old goods from the premise of the Government buyer/consignee at the time of the supply, installation and commissioning of fresh goods. Seller will be entitled for payment only after removal of old goods from Government buyer/consignee/user's premise and after supplying the fresh goods in terms of contract.

15. Note: This clause of ATC shall be operated by non PFMS; non GPA buyer i.e. all PSU working through their ERP and not integrated with GPA.

5. **Forms of EMD and PBG**

Bidders can also submit the EMD with Account Payee Demand Draft in favour of

Director, CNBC
payable at
Delhi

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. **Forms of EMD and PBG**

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C (Name of the Buyer). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in the favour of the bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Bidder has to upload scanned copy/ proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date/ Bid Opening date

7. **Forms of EMD and PBG**

Bidders can also submit the EMD with Banker's Cheque in favour of

Director, CNBC
payable at
Delhi

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.

8. **Forms of EMD and PBG**

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

Director, CNBC
Account No.
91352010060829
IFSC Code
CNRB0019135
Bank Name
Canara Bank
Branch address
Geeta Colony, Delhi

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.

9. **Generic**

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

10. **Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the

Bid document, ATC and Corrigendum if any.

11. **Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

12. **Service & Support**

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

13. **Generic**

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 for 2 years 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 primary product having highest value should meet this criterion.

14. **Generic**

Manufacturer Authorization:Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

15. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

16. **Forms of EMD and PBG**

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

Director, CNBC
payable at
Delhi

. 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.

17. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of

Director, CNBC
A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

18. **Forms of EMD and PBG**

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

Director, CNBC
Account No.

91352010060829
 IFSC Code
 CNRB0019135
 Bank Name
 Canara Bank
 Branch address
 Geeta Colony, Delhi

. 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.

19. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

TAC approved specifications for Flat Panel Mobile C-arm
The state of the art, latest Flat Panel based mobile x-ray system for fluoro- scopy and acquiring single images for multidisciplinary use. The system should have a touchscreen user interface with a large preview image .
C Arm Specifications
A. X-RAY GENERATOR
Frequency: 40 kHz or more
Power output: 10-15 KW
KV range : 40-110 KV
mA in single image radiography: 3 mA to 20 mA
Max. mA in pulsed fluoroscopy in normal mode: 15 mA or more
Max mA in continuous fluoroscopy mode: 10 mA or more
Should have facility for continuous fluoroscopy and Pulse fluoroscopy (variable frame rate from 0.5 to 12 frames per second)
Max. uninterrupted fluoro time should be 50min or more
B. X-Ray tube Head
Must have anode heat capacity of 250 KHU-350 KHU
Should have dual focal spots of 0.3 mm and 0.6 mm or single focus of 0.6 mm (or less). Rotating anode is a must.
Collimation: motorized iris and motorized rotating blades with slot diaphragm, radiation- free collimation should be possible
Tube assembly filtration of 3.0 mm Al or higher
Housing heat capacity of minimum 900 KHU or more
C. C-Arm mechanism and control panel

Locks for stabilization at desired position with counterbalanced in each position
It should have the following range of movements:
Motorized vertical movements more than 420mm
Horizontal travel: 200mm or more
Orbital movement: -40deg to +90deg (130deg)
Swing / panning movement: $\pm 10^\circ$ or more
Source image distance : minimum 1000 mm
Depth of c-arm : minimum 660 mm
Free space of minimum 780 mm with attached grid
The control panel/user interface on the C arm should be a touch screen and can display a large preview image
D. Control panel (Digital work station)
It should have the following facilities
System should have capability of Pulse Fluoroscopy option to reduce to radiation exposure with var. frame rate 0.5 f/s to 15 f/s
Image rotation should be possible
Image intensification, mode selection (normal and zoom)
Automatic brightness stabilizer
Auto dose rate control
Collimation for radiography.
System should have touch user interface with large preview image for optimized system control
E. Integrated image processing, recording and memory system :
Flat Panel Detector with integrated laser light localizer
Size of the detector should be min 21 cm x 21 cm with possibility to select triple field i.e. 21x 21/15 x15/11 x 11 cm (+/- 1cm)
Pixel size of 205 μ m or less
Resolution 2.4 lp/mm or better
F. Monitor system:

At least 18 inch or more, flicker free, high resolution medical grade flat screen TFT monitors (02 Nos) or single flat Panel Screen of 27 Inches with Split Screen mounted on monitor trolley.

Monitor should have typical brightness of 150cd/m2 or more

Monitor should have minimum resolution of 1280x1024 pixels or better.

G. Digital image processor & Memory

Provision to record multiple images on digital media and/ USB with embedded DICOM viewer

Image processing at 1K * 1K Matrix

Digitization Depth 16 Bit

Contrast enhancement, edge enhancement, zoom facility

Last image hold

Image rotation, vertical and horizontal reversal, and Positive/negative image inversion

Annotation, image comments, R/L marking

Storage and post processing of all acquired images in a common patient folder should be possible

Should be able to store 100,000 images or more on hard disk irrespective of matrix size

2D measurement of angles and distances should be possible

The System should have Real time Digital Subtraction Angiography with re-masking capability along with following associated features:

Road map to position a catheter precisely in a blood vessel under fluoroscopy

Peak / Max opacity

Cineloop/ play back

Pixel Shift

Metal correction, motion & noise reduction

Land marking

Virtual collimator

The system should be equipped with state-of-the-art features to reduce radiation dose] to patients, surgeons and staff including automatic dose management, resulting in an optimized balance of image quality and dose

Digital transfer of single images or complete folders to a network in DICOM format should be possible

Digital Density Optimization reduces the dynamic range of an image, allowing the contrast of structures to be emphasized without loss of information in bright and dark image areas

WLAN client module for transmission of DICOM image data, e.g. to a PACS should be available

System integrated DAP meter that displays Dose Area Product and Air Kerma values on display.

H. Additional features

The equipment should work on a Power supply of 220-240 Volts, 50-60 Hz, 15 amp.

The system should comply CDSCO/ European CE/US-FDA and AERB NOC/Type approved

Under buy of the existing C-Arm Arcadis Orbic 3D system, Siemens make

I. Essential Accessories

Light Weight Lead free Apron - 10 nos. along with S.S. stand for 10 aprons

Lead free Thyroid Shield- 10 nos.

Drypix laser printer for printing x ray films:

The system must have a dry chemistry imager without need of any wet chemistry

Camera should have a standard resolution of 600 dpi/ppi to check the Diagnostic features

Camera should have 39-micron laser spot spacing

The camera must print the following four sizes viz., 8 X 10, 10 x 12, 11 x 14 and 14 X 17 inches

It must be DICOM 3.0 compatible allowing multiple modalities to be connected at a time

Should print at least 120 films per hours of Size 14" x 17"

Time to first print: 60 seconds

The system must have at least THREE online film sizes and should be capable of printing any of the 8" X 10", 10" X 12", 11" X 14" films, 14" X 17" films

The imager should support daylight loading of films

The imager tray should be freely configurable to all sizes -8" x 10", 10" x 12", 11" x 14" films, 14" x 17" without any service intervention

Vendor has to supply 05 packets of compatible films of size 10 x 12 without any additional cost for initiation & commissioning of the equipment.

In addition to the term & condition of warranty/CMC defined in the bid, following conditions will also be applicable, further, in case of any mismatch/ambiguity, then conditions mentioned herein will supersede the other conditions as under:-

- (a) No conditional warranty will be acceptable. Warranty as well as Comprehensive Maintenance contract will be inclusive of **all spares & reusable accessories** and it will also cover the following wherever applicable:-
- Any kind of motor & monitors, display, all computer accessories, control panel.
 - All kind of sensors.
 - All kind of coils, electrical circuits, power cords, wires, all type of cables, hose, fuse, filters, probes, servo humidifier with chamber and transducers.
 - Printers and imagers including laser and thermal printers with all parts excluding cartridge.
 - UPS including the replacement of batteries; also include chargeable batteries
 - Cassettes and imaging plates & Image receptor
 - Internet Network interface /IW dongle

- Software updation
- All accessories except films
- Lead accessories and grid supplied with the system

(b) Contractor shall provide quarterly preventive maintenance service along with annual calibrations with traceability certificate. The firm will provide comprehensive warranty and will repair/replace the defective spare parts/accessories without any additional cost during the warranty/CMC period. All software updates should be provided free of cost during warranty & CMC period.

(c) **Comprehensive Maintenance Contract:** The contractor shall enter into a Comprehensive Maintenance Contract (CMC) compulsorily for a period of (05) five years after the expiry of Standard Comprehensive warranty of five years at the year wise charges quoted in the financial bid. This period of CMC shall cover each and every part of the equipment as mentioned in above - mentioned warranty clause. After the expiry of warranty period, the Charges of CMC shall be payable on quarterly basis upon receipt of claim and after satisfactory performance report from the concerned user incharge.

(d) **After Sales Service:**

After sales service centre should be available in Delhi/NCR for providing round the clock services. Complaints should be attended promptly, maximum within 24 hrs. The service should be provided directly by Bidder/Authorized Agent. vendor must provide an undertaking by the Principal manufacturer that the spares for the equipment shall be available for at least 10 years from the date of supply.

e) **Up time guarantee:** During the Warranty/Guarantee & Comprehensive Maintenance Contract period, the contractor shall maintain the equipment with up time. The contractor shall give a written commitment for 95% up time of the equipment, calculated on annual basis, with penalty equivalent to double the amount of daily cost (on total loss of revenue per day basis) of the unit for each day's delay in proper functioning of the unit beyond 5% down time per annum. Down time should not exceed 72 hours in case of repair and in case of replacement of any part/parts down time should not exceed 05 days at a single stretch or otherwise it is the responsibility of the bidder to provide backup machine. In case of deviation from the above condition, a penalty will be imposed on per day basis. The penalty amount will be calculated on per day basis @ 0.5% of the total value of the order per week up to 4 week and thereafter @ 1% per week and maximum upto 10% of the total value of order, before releasing performance security at end of the warranty. Thereafter, the similar penalty will be imposed for any excess downtime for maximum upto 10% of the amount cost of CMC. In addition, the vendor will also not be paid the CMC proportionate amount of the excess downtime in the CMC period.

Buyback details

Item Details of old equipment Mobile C Arm Image Intensifier

1. Item Description - **Mobile C Arm Image Intensifier**

2. Serial Number - 22326

3. Model- Arcadis Orbic
4. Brand- Siemens
5. Year of manufacturing-
6. Purchased on- Date of installation 12.05.20211
7. Age- 13 years
8. Size Rating Designation---
9. Quantity- 01
10. Min Price (Optional) - 5,16,191/-
11. Unit- each
12. Working guidelines (/Functional/Non- Functional) - Non- functional

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

Additional Clause For Comprehensive Maintenance Charges

1.CMC shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC 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 or as per user requirement. Cost of consumables shall not be included in CMC. Further there will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.

2.CMC charges to be indicated as percentage of cost of equipment quoted for each year after the warranty period.

3.GST shall be included in the CMC Charges quoted.

4.Cost of CMC will be added for Ranking/Evaluation purpose with depreciation formula. A 10% discounting rate per year shall be applied on CMC Charges for price evaluation on Net Present Value.

5.The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.

6.While creating a bid or RA, buyers shall indicate whether CMC is required against Yes/No" options. If CMC Charges are included, an option for number of years for CMC required after the warranty period shall be available. Under this option up to 10 years can be chosen for CMC charges beyond warranty period.

7.In case the bid has a provision for CMC, the warranty of the product will also be deemed to have been converted into Comprehensive warranty including preventive maintenance and calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, during the Warranty Period also. Sellers are therefore advised to include the cost of Comprehensive Warranty including spares (excluding consumables) also in product Cost.

8.The CMC functionality shall be available in bid only and no direct RA shall be applicable. In case of bid to R/A decrement rules shall be applicable on total price inclusive of CMC charges. Bunching of products shall not be available while creating bids with CMC charges.

8.1.Buyer shall indicate number of years of warranty by selecting different options available in the field depending on warranty parameter applicable in category parameters for the equipment. No. of years of warranty indicated here shall supersede the warranty period indicated elsewhere in bid or product specifications. The Seller while participating in Bid/RA will get fields to indicate CMC charges as percentage depending on number of years of CMC selected by Buyer. The following shall be applicable, if 5 year CMC selected:

CMC charges for 1st year after warranty period- Percentage to be indicated- A1

CMC charges for 2nd year after warranty period- Percentage to be indicated- A2

CMC charges for 3rd year after warranty period - Percentage to be indicated- A3

CMC charges for 4th year after warranty period - Percentage to be indicated- A4

CMC charges for 5th year after warranty period - Percentage to be indicated- A5

Similarly, A6 to A10 are to be indicated for 6th to 10th year of CMC if applicable.

8.2.The calculation of CMC Charges shall take into account the number of years of warranty and duration of CMC as specified while creating bid.

8.3.In the price evaluation, the system shall provide function to calculate the cost of each equipment by formula indicated below including CMC and then show the inter-se-ranking of the bidders. The following are the variables

(i) Number of years for which CMC required.

(ii) Number of years of product warranty

The formula for calculating total cost including CMC charges shall be as under:

Total Cost for evaluation=

$C + C * \{ (A1/100)/(1.10^n) + (A2/100)/(1.10^{n+1}) + (A3/100)/(1.10^{n+2}) + (A4/100)/(1.10^{n+3}) + (A5/100)/(1.10^{n+4}) \}$ and so on

C - Cost for equipment quoted and n shall be number of years of product warranty specified.

If 2 year warranty specified, n shall be 2 and if 5 year warranty specified, n shall be 5. A1,A2, A3, A4& A5 shall depend on how many years CMC selected. For 3 year CMC, only A1,A2 and A3 factors are to be taken into account and A4 and A5 will not be applicable.

8.4.CMC charges offered for each subsequent year should be same or higher than preceding year.

8.5.The CMC charges shall be offered within range of 3 to 10% of cost of equipment.

9.Since CMC charges are to be paid only later for each year during CMC period, applicable performance guarantee amount after placement of contract shall be based on the cost of equipment excluding the cost of CMC Charges.

10.Performance bank guarantee applicable for CMC is to be submitted at start of the CMC and shall be applicable

between 2.5% to 10% as specified in bid on total CMC Charges. The PBG submitted after award of contract shall be released only after new PBG for the CMC period is submitted and accepted by buyer/consignee after due verification. Bank guarantee for CMC is to remain valid till completion of CMC period plus one year. The bank guarantee for CMC shall be submitted to buyer directly. In case, seller fails to submit the PBG or does not provide services for the CMC contract after expiry of warranty period then PBG of equipment shall be forfeited.

11. In case of splitting of order quantity, equipment cost and CMC charges offered by L1 bidder shall be matched by higher quoting eligible bidders on one-to-one basis. The equipment cost and CMC charges (year to year) shall be matched individually.

12. The CMC Contract shall be an offline contract to be handled by buyer. The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user and scope of CMC will be as per para 1 above.

13. CMC Charges are inclusive of all the charges for Transportation, Lodging, Boarding, all insurances including third party insurance and all other incidental charges. The same shall include GST. The prices also include cost of spares and damaged parts. Purchaser does not have any liability, whatsoever, over and above the cost of CMC. It also includes for arranging hand tools & tackles, special tools etc. required to carry out the work.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws. जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---