

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	19-04-2024 10:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	19-04-2024 10:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	30 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Health And Family Welfare
Department Name/विभाग का नाम	Department Of Health And Family Welfare
Organisation Name/संगठन का नाम	All India Institute Of Medical Sciences (aiims)
Office Name/कार्यालय का नाम	Aiims, New Delhi
Total Quantity/कुल मात्रा	3
Item Category/मद केटेगरी	Digital Flat Panel Detector Mobile C-Arm Fluoroscopy System (Q3)
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Certificate (Requested in ATC), OEM Authorization Certificate, Compliance of BoQ specification and supporting document *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/बिड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	H1-Highest Priced Bid Elimination
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	2 Days

Bid Details/बिड विवरण	
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Financial Document Required/वित्तीय दस्तावेज की आवश्यकता है।	Yes

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	1800000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	3.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	122

(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 कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई कैटेगरी 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 :

Chief, Dr. BRAIRCH
 AIIMS, New Delhi, Department of Health and Family Welfare, All India Institute of Medical Sciences (AIIMS),
 Ministry of Health and Family Welfare
 (Chief, Dr. Brairch)

Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

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. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY. 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.

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

Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
27-03-2024 14:00:00	Chief Board Room, 2nd Floor, Dr. BRAIRCH, AIIMS, New Delhi - 110029

Digital Flat Panel Detector Mobile C-Arm Fluoroscopy System (3 pieces)

(Minimum 50% and 25% 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

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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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

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	Virender Kumar	110029,Dr BRA IRCH, AIIMS, Ansari Nagar	3	45

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

- Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
- If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
- Make in india specific authorisation certificate needs to be enclosed.
- Service & Support**

Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

5. Service & Support

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

6. Service & Support

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

7. Scope of Supply

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)

8. 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 · n o	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 Buyba ck 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.

9. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

1. In case of any ambiguity, the content given in the NIB Document uploaded under buyer added ATC shall prevail. For amendments (if any) in the tender/bid document, please also refer to www.aiims.edu from time to time.
2. Buyer should comply all the terms & conditions and technical specifications mentioned in TED Documents uploaded in the ATC Clause.
3. If any representation, same will be submitted in Online on GeM Portal within the time period provided by GeM Portal. No other correspondence shall be entertained/considered.
4. Buyer should comply with all the specifications and Terms & Conditions uploaded on the ATC Clause.
5. The tender is with buyback options, hence the bidder must give the undertaking of the buyback along with the quoted price with the technical bid.

6. Most Important:

- a) This tender is for procurement of "Digital Flat Panel Detector Mobile C-Arm Fluoroscopy System - 03 Nos." inclusive of two (02 Nos.) Buyback on replacement of existing installed equipment.

- b) The minimum buy-back price for 02 number of **old C-Arm System** has been fixed at **Rs 35,12,550/- (Rupees Thirty-Five Lakh Twelve Thousand Five and Fifty Only)** by the condemnation committee of Dr. BRAIRCH, details are under:-

S.N o.	Equip. Name	Date of Purchase	Qty.	Minimum Unit Reserve Price	Make and Model
1.		28.03.2013	01 No	Rs. 33,80,000/-	Make ; Phillips & Model : Veradius Mobile C-Arm with Flat Detector

C-Arm

2.		2003	01N o	Rs.1,32,550/-	Make : IMD Mode: Radius R-9 (S/N - 018/04/00232)
Total				Rs. 35,12,550/-	

- c) The old machines/equipment will be handed over to the firm only after installation of the new machines.
- d) Therefore, all the firms who are willing to participate in this tender should be quoted the minimum buyback price, failing which or without quoting the Buy-Back Price, their participation in this tender should be summarily rejected.

10. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

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. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

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.
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 includingCMC 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& A5shall depend on how many years CMC selected. For 3 yearCMC, 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 कार्यवाई का आधार होगा।

---Thank You/धन्यवाद---

1. Bid Details

Your corrigendum has been published successfully. (<https://bidplus.gem.gov.in/buyer-bid-finalization/6247096>)

Bid Number: **GEM/2024/B/4802965** (/showbidDocument/6247096)

Bid Status: Active	Bid Start Date / Time: 20-03-2024 09:41:14	Consignees / Reporting Officer / Delivery Location(S)
Quantity: 3	Bid End Date / Time: 15-07-2024 12:00:00	EMD: Required Track EMD (https://Bidplus.Gem.Gov.In/Bidding/Track/Trac)
Bid Validity (From End Date): 30 (Days)	Bid Opening Date / Time: 15-07-2024 12:30:00	
Competent Authority Document: View		

Buyer Details

Name: Virender Kumar	Ministry: Ministry Of Health And Family Welfare	Organisation: All India Institute Of Medical Sciences (Aiims)
Address: Virender Kumar,Virenderkr@Aiims.Gov.In,Dr BRA IRCH, AIIMS, Ansari Nagar,NEW DELHI,DELHI,110029,India	Department: Department Of Health And Family Welfare	Office: Aiims, New Delhi

Corrigendum Details

Modified On: 2024-06-24 14:49:58

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Corrigendum – 1

Subject: Corrigendum for Digital Flat Panel Detector Mobile C-Arm Fluoroscopy System – Reg.

With reference to the pre-bid meeting held on 27.03.2024 under the chairmanship of Prof. Seema Mishra, some amendments have been made on the basis of the representation received from the prospective firms, the revised technical specifications are as follows:-

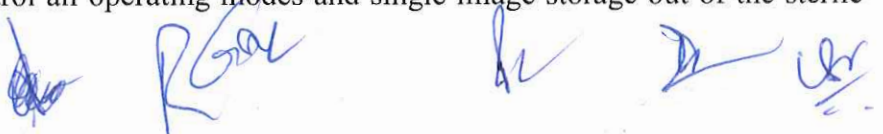
(A.) GANTRY / C-ARM

Fully counterbalanced C-arm with side-to-side (wig-wag) and horizontal travel movements, and the following features:

1. Orbital rotation movement: ± 200 degrees or more manual
2. Angulation: at least ± 135 degrees manual
3. Horizontal movement: more than 190 mm
4. Vertical movement: at least 40 cm motorized movement
5. Swivel range: ± 10 degrees
6. Depth of immersion: 70 cm or more
7. Free space within the C-arm: at least 67 cm
8. Field of view: square field of view for better ROI coverage
9. Touch-based panel for control of C-Arm functions mounted on C-arm stand itself.

(B.) GENERATOR, X-RAY TUBE & MODES

1. Generator should be microprocessor controlled converter type with output of at least 15 KW or more and minimum 40 kHz frequency
2. Capable of boost or high dose fluoroscopic exposure of at least 50 mA
3. Modes: continuous, digital pulse fluoroscopy and digital radiography
A single shot capture should be possible during fluoroscopy to minimize dose as compared to digital exposure
4. Fluoroscopic kVp range: 40-120kVp, minimum 50 mA
5. Radiographic kVp range: 40-120kVp, minimum 125 mA or more
6. X-ray tube should have a rotating anode
7. Anode heat storage capacity should be 300 KHU or higher
8. Anode cooling capacity should be 60 KHU/minute or higher
9. Tube housing heat storage capacity should be a minimum of 1500 KHU.
10. Generator should provide digital pulse fluoroscopy with pulse rates of at least 15 frames/second
11. Additional safety filtration for the stray or scattered radiation
12. Focal spot size should be 0.3 mm & 0.6mm dual focal spots
13. Automatic dose rate control
14. Multifunction foot switch to control all operating modes and single image storage out of the sterile field



15. Inbuilt heat management capabilities for long interventional procedures
16. Ability to automatically reduce radiation dose
17. Automatic shutter positioning basis anatomy of interest & real time independent/ asymmetrical shutter positioning via touch screen mounted on C-arm

(C.) DIGITAL SYSTEM & IMAGE MANAGEMENT

1. Multi patient data base for handling large quantities of image, including dose management report
 2. Automatically select proper imaging parameters, kVp and mA during an imaging basis auto protocol presets of anatomy bundles, but also provide the user to over-ride these setting manually
 3. Real time and automatic brightness and contrast should be provided to optimize displayed image
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4. Provide a real-time post processing edge enhancement capabilities to get better image quality according to the density of the tissue. An electronic zoom function, an automatic save function to hard disk, Mosaic Display
 5. System should save at least 100000 images to the internal hard disk and retrieve stored images later
 6. Should have facility for image and fluoro sequences retrieval on a USB
 7. Provide a last image hold capability that the last image is displayed on the active monitor after the termination of an exposure.
 8. System should have facility for DICOM connectivity and DICOM Ready (HIS compatible, DICOM send/receive, DICOM print).
 9. Cable free rear side and 180-degree rotatable monitors
 10. Equipped with two high-resolution 18" HD LED/LCD/TFT monitors with Diagnostic Image quality with image matrix of 1024 x 1024 or more
 11. Vertically and horizontally adjustable monitors for specific needs
 12. Viewing angle of at least 150 degrees with ergonomic mounting of the monitors on the mobile view station
 13. The system shall allow the user to change the image orientation on the display screen during a live exposure or using the last image hold. Those functions include image rotation, left to right and top to bottom image reversals
 14. The system should be equipped with touch screen control panel on patient table side with facility to preview images.
 15. Stent boost mobile or equivalent facility in the C-arm
 16. The system should have functionality that applies real-time compensation to avoid image deterioration caused by (introduction) of metal (implants)
 17. The system should contain touch-based functionality for independent and asymmetric shutter positioning and iris collimation

(D) FLAT PANEL DETECTOR SYSTEM

[Handwritten signatures and marks in blue ink]

- 1 Flat detector of CsI (Cesium Iodide) with amorphous Silicon doping
2. Size of the detector: min. 26 X 26 cm or better.
3. The pixel size should be 195 microns or less
4. The detector should have facility of removable grids to enable dose reduction for paediatric patients
5. DQE of detector @0lp/mm: 70% or more and 16 bit digitization.
6. An integrated laser in detector should be there for X-ray free collimation
7. The system should provide subtraction functionality with contrast media options of Iodine & CO2 both
8. System should be offered with DSA package in the system.

(E.) ACCESSORIES

1. Suitable Online U.P.S to run the entire system for at least 20 minutes
2. Zero Lead Aprons — 10 nos. with stand and hangers
3. Sterile covers for C-arm, x-ray tube and flat panel detector: 10
4. Gonadal shields: 5 nos.
5. Thyroid shields, 10 Nos.
6. One Dicom Workstation to view images in Console room

(F.) POWER SPECIFICATIONS

Should operate in full capacity on 220 volts AC, 15 amps

(G.) TERMS AND CONDITIONS

- 1 Please attach the original manufacture's product catalogue and datasheets. Computer printed sheets are not acceptable
2. US-FDA or CE (European) and AERB-type approved for the main fluoroscopy system or BIS
3. Onsite training
4. Physical demonstration of the equipment, if required
5. Warranty: Five years comprehensive warranty, inclusive of all parts / components, including x-ray tube, detector, batteries of UPS, table and its accessories, and all items supplied with the unit
6. CMC: for five years after warranty, inclusive of all parts / components, including x-ray tube, detector, batteries of UPS, and its accessories, and all items supplied with the unit
7. The specification is broad based, general in respect to the requirement and not pertaining to any firm/brand.
8. Site, space and man power are located for above equipment in department.

(H).

1. Total width of 800 ± 25mm.
2. Source to image distance should be 1000mm ± 20mm.
3. Display of DAP (Dose Area product) on the C-arm monitor.

ATC
X-ray generator
1) Generator should be microprocessor controlled converter type with output of at least 15KW or more.
2) Anode heat storage capacity should be 300 KHU or higher
Gantry
1) Orbital rotation movement: +/- 200 deg or more manual
2) Angulation: at least +/- 135 degrees manual
3) Depth of immersion: 72 cm or more.
4) Touch based panel for control of C-Arm functions mounted on C- arm stand itself.
Digital System & Image Management
1) System should save atleast 100000 images to the internal hard disk and retrieve stored images later.
2) Two high-resolution 18" HD LED/LCD/TFT monitors with Diagnostic Image quality with image matrix of 1024 x 1024 or more in exam room.
3) The system should be equipped with touch screen control panel on patient table side with facility to preview images.
4) Stentboost mobile or equivalent facility in the C-arm
Detector
1) Size of the detector: min. 26 X 26 cm or better.
2) Pixel size 184 micron

I. The disposable and consumables of the quoted product should be available in the open market and should support other brands/makes.

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