



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/5094797
Dated/दिनांक : 11-07-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	22-07-2024 10:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	22-07-2024 10:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Science And Technology
Department Name/विभाग का नाम	Department Of Science And Technology (dst)
Organisation Name/संगठन का नाम	Sree Chitra Tirunal Institute For Medical Sciences And Technology (sctimst)
Office Name/कार्यालय का नाम	Thiruvananthapuram
Total Quantity/कुल मात्रा	3
Item Category/मद केटेगरी	Patient Controlled Analgesic (PCA) Pump (Q3)
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	Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),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
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
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Estimated Bid Value/अनुमानित बिड मूल्य	300000

Bid Details/बिड विवरण**Evaluation Method/मूल्यांकन पद्धति**

Total value wise evaluation

EMD Detail/ईएमडी विवरण

Required/आवश्यकता

No

ePBG Detail/ईपीबीजी विवरण

Required/आवश्यकता

No

Splitting/विभाजन

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

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता

No

MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता

Yes

1. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal 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 themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. 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 and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. 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 MSE 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. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

2. 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.

3. 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:

- i. If number of technically qualified bidders are only 2 or 3.
- ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- iv. 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
- v. 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

Patient Controlled Analgesic (PCA) Pump (3 pieces)

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
Standards	Confirmity to Manufacturing Standards	ISO 9001 & ISO 13485, ICMED 90001 & 13485, Both ISO 9001 & ISO 13485 and ICMED 90001 & 13485
Pump Capabilities	PCA Pump Configuration type	Table top (Syringe pump), Ambulatory
	Flow range in mL/hr	0.01-1,500, 0.1-2,000, 0.1-50
	Increments in mL/hr	0.1, 0.01, 0.05, 1, 10
	increments of bolus dose in mL/hr	0.1, 0.05
	Administration of initial bolus dose	Yes, No
	KVO rate in mL/hr	1, 2, 3, 4, 5
	Bar-code reader	Yes, No
Safety Features	Safety Parameters	Lockbox, locking keypad, memory protection, tamper evident, Locking keypad, access code and/or electronic access key, mechanical lock with key for syringe, self-test (functional safety), 3 data lock levels with customizable codes, lockbox, syringe holder cap, drug protocol library with dose limits, 3 programmable lock levels, cassette detection, upstream occlusion, air-in-line detection, medication cassettes, security shell, free-flow protection, Sentry software for archiving and printing pump reports
	Patient control access	Cord type, Button type
Reservoir Features	Reservoir type	Syringe, IV Set, Cassette
	Volume capacity in mL	? 50, ? 100, ? 250
	Access to Reservoir	Key, lockbox, Key, access code
	Syringe Size Detection	Yes, No

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Alarms and Indicators	Online or battery power	Yes, No
	Cassette detached/attached	Yes, No
	Syringe detached /Attached	Yes, No
	IV set	Yes, No
	Soft limit overrides	Yes, No
	Display changes when not using in protocol mode	Yes, No
	Alarm for Volume control	Yes, No
Others Features	Dose Error Reduction System	Yes, No
	Wireless connectivity	Yes, No
	Auto documentation	Yes, No
	Auto programming	Yes, No
	Log-analysis software	Yes, No
	Data Port	RS232, USB, Wireless
Event Log	Printout	Yes, No
	Time or date stamp	Yes, No
	Number of events	Yes, No
	Error code event stored	Yes, No
	Alarm event stored	Yes, No
	Drug infused event stored	Yes, No
	Drug amount infused stored	Yes, No
	Setting event stroed	Yes, No
	Boluses requested stored	Yes, No
	System errors stored	Yes, No
	Number of event stored	500 or more
Display	Type of display	LCD, LED
	Drug name displayed	Yes, No
	Drug dose concentration displayed	Yes, No
	Lockout interval displayed	Yes, No
	Lockout rate displayed	Yes, No
	Patient requests displayed	Yes, No
	Alarms within or outside soft alarms	Yes, No

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
	Battery life indicator	Yes, No
	Infusion pressure	Yes, No
	Infusion running volume	Yes, No
	Time since infusion started	Yes, No
	Remaining time to end infusion	Yes, No
	Bolus demands	Yes, No
	Bolus deliveries	Yes, No
Power Requirements	Battery type	AA alkaline, Lithium-ion
	Recharge time of battery in hr	?6, NA for Alkaline
Miscellaneous Parameters	Warranty in Years	2, 3

Additional Specification Parameters - Patient Controlled Analgesic (PCA) Pump (3 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
Additional Specification	Bidders should submit declaration complying the technical specification in Buyer added ATC clauses.

* 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	Shiju V S	695011,Sree Chitra Tirunal Institute For Medical Science and Technology,Medical College PO, Trivandrum	3	30

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. **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.

3. **Generic**

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 7 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

4. **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.

5. **Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

6. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

A. Bidders are advised to quote prices as per technical specification and additional specification.

B. Bidders should submit the Manufacturer's Authorization in attached format- A (Buyer uploaded ATC Document)

C. Liquidated Damages:

If the supplier fails to deliver or install/commission any or all the goods or fails to perform the services within the time frame(s) incorporated in the Purchase Order, the Purchaser shall, without prejudice to other rights and remedies available to the Purchaser under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods, installation, commissioning and/or services until actual delivery or performance subject to a maximum of 10 % of the contract price. Once the maximum is reached Purchaser may consider termination of the contract.

If any delay by the supplier is maintained its contractual obligations towards delivery of goods and performance of services shall render the supplier liable to any or all of the following sanctions:

- a. Imposition of liquidated damages,
- b. Forfeiture of its Performance Security and
- c. Termination of the contract for default

D. SCTIMST reserves the right to ask for a free demonstration of the quoted equipment/ items after giving reasonable time to the bidder at a pre-determined place acceptable to the purchaser or at a site (in case of non-portable and heavy equipment) for evaluating the technical compatibility as per the bidding document specifications, professionalism and quality of work of the bidder for technically qualifying for opening the Price Bid. SCTIMST reserves the right to accept/ reject the bid based on the product/ site evaluation as stated above.

Detailed Specifications

SYSTEM PARAMETERS:

- A. THE LATEST SYSTEM/MAKE/MODEL/VERSION/EDITION OF PATIENT CONTROLLED ANALGESIA (PCA) PUMP , LAUNCHED IN INDIA NOT MORE THAN 4 YEARS BEFORE THE DATE OF DELIVERY TO THE USERS, SHOULD BE SUPPLIED.
- B) THE BIDDER SHOULD PROVIDE DATA IN A TABULAR FORMAT STATING FOLLOWING DETAILS REGARDING THE BIDDING ITEMS: PCA PUMP QUOTED: OEM; SYSTEM/MAKE/MODEL/VERSION/EDITION; YEAR OF FIRST SUPPLY IN INDIA
- C) BIDDER SHOULD NOT INCLUDE PRICE BID IN THE TECHNICAL BID.
- D) THE BIDDER SHOULD PROVIDE TECHNICAL DETAILS OF THE PCA PUMP, PREFERABLY AS A PRODUCT BROCHURE.

STRUCTURAL PARAMETERS:

- THE PCA PUMP SHOULD BE AMBULATORY AND MOUNTABLE ON TABLE TOP AND ONTO AN IV POLE OR PATIENT BED RAIL.
- IT SHOULD OPERATE ON EXTERNAL AC ELECTRICAL SUPPLY OR LITHIUM-ION OR AA ALKALINE BATTERY. IT SHOULD HAVE BATTERY BACKUP OF AT LEAST 5 HOURS AT A RATE OF 5 ML/ HOUR WHEN FULLY CHARGED. THE BATTERY SHOULD BE RECHARGEABLE. IT SHOULD DISPLAY BATTERY CHARGING STATUS, LOW BATTERY ALARM AND INDICATOR FOR AC POWER SUPPLY ON/OFF.
- IT SHOULD HAVE FOLLOWING MINIMUM PARTS: MEDICATION CHAMBER WITH A TRANSPARENT COVER FOR LOADING A SYRINGE, PROGRAMMING SCREEN, AND PATIENT-OPERATED KNOB TO ADMINISTER BOLUS OF THE DRUG
- THE PROGRAMMING SCREEN SHOULD HAVE PROVISION FOR ENTERING DEMOGRAPHIC DETAILS OF PATIENT. THE DISPLAY SHOULD INCLUDE NAME OF DRUG, ITS CONCENTRATION, TIME INFUSION WAS STARTED, LOCKOUT INTERVAL AND LOCKOUT RATE, PATIENT REQUEST, INFUSION PRESSURE, INFUSION RUNNING VOLUME, REMAINING TIME TO END INFUSION AND BOLUS DEMANDS. TOTAL DOSE ADMINISTERED, PAUSE OR RUNNING INDICATOR.
- THE PROGRAMMING LCD SCREEN DISPLAY SHOULD BE AT LEAST 5 CM X 3 CM SIZE

PERFORMANCE PARAMETERS:

- IT SHOULD DETECT SYRINGES RANGING FROM 5 ML TO 60 ML OF COMMONLY USED BRANDS. IT SHOULD DETECT DIFFERENT PARTS OF SYRINGES SUCH AS PLUNGER AND FLANGE.
- IT SHOULD WORK OVER A WIDE RANGE OF PRESSURES SENSED BY THE PCA PUMP.
- IT SHOULD BE PROGRAMMED TO CALCULATE DOSAGES AND ADMINISTER COMMONLY USED ANALGESIC DRUGS VIA INTRAVENOUS AND EPIDURAL ROUTES.
- THE CALCULATION OF DRUG DOSAGES MAY BE IN DIFFERENT UNITS SUCH AS MCG, NG, MG, GM, MMOL, UNITS, IN PATIENTS WITH DIFFERENT WEIGHTS AND ALSO TO BE DELIVERED PER MINUTES OR PER HOUR.
- SHOULD BE ABLE TO DELIVER A PRECISE SET BACKGROUND INFUSION RANGING FROM 0.1 ML/HOUR TO 1500ML/HOUR. INCREMENT IN INFUSION RATE AND BOLUS SHOULD BE AS SMALL AS 0.1 ML.
- IT SHOULD HAVE A LOW KEEP VEIN OPEN (KVO) RATE 2-5 ML/HOUR
- IT SHOULD DISPLAY PCA USAGE DATA UP TO 24 HOURS.
- SHOULD BE ABLE TO OPERATE AS A SYRINGE PUMP IN THE ABSENCE OF USE AS A PCA.

SAFETY PARAMETERS:

- SAFETY PARAMETER SHOULD INCLUDE LOCKBOX AND CUSTOMIZABLE CODED LOCKING FACILITY TO PREVENT TAMPERING BY UNAUTHORIZED PERSONS
- THE KNOB FOR BOLUS DELIVERY OF THE DRUG BY PATIENT SHOULD HAVE WARNING INDICATORS.
- IT SHOULD HAVE ALARM FACILITY FOR OCCLUSION PRESSURE, END OF INFUSION, LOW VOLUME LIMIT, MANUAL LOCKING, SYRINGE DISENGAGEMENT, LOW-BATTERY AND TECHNICAL MALFUNCTIONS.
- IT SHOULD HAVE EVENT LOG FACILITY FOR NUMBER OF EVENTS, STORED EVENTS SUCH AS ERROR CODE EVENTS, ALARM EVENTS, DRUG INFUSED EVENTS, SETTING EVENTS

RECURRENT DISPOSABLES:

- IT SHOULD WORK WITH DISPOSABLE SYRINGES, 3-WAY STOPCOCKS AND EXTENSION TUBING OF ANY BRAND. NO VENDOR-SPECIFIC RECURRENT DISPOSABLES SHOULD BE NEEDED FOR FUNCTIONING OF THE PCA PUMP.

7. **Buyer Added Bid Specific ATC**

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

8. **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

9. **Generic**

Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:

- The Seller fails to comply with any material term of the Contract.
- The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
- The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
- The Seller becomes bankrupt or goes into liquidation.
- The Seller makes a general assignment for the benefit of creditors.
- A receiver is appointed for any substantial property owned by the Seller.
- The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.

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.

[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---