



North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences

(An Autonomous Institute, Ministry of Health and Family Welfare, Government of India)
Directors Block Mawdiangdiang, Shillong, Meghalaya-793018

F.No:NEIGR/S&P/R - 04/2023-24/Pt - 3 (FB)

Date 07-03-202

Notification of Award No:NEIGR/S&P/RCC/OT/G-04/2023-24/GEMC-511687716027404

osphry

PO ID:PO03240005 / Approved Date:07-03-2024

Indent-No: IN03240005

To

M/s Elke Drugs Distributor, Laitumkhrah, Nongrimbah Block III near Police Beat House, Shillong - 793003, Tel:8794707022,

elkedrugs@yahoo.com

Principal:

M/s Draeger India Pvt. Ltd.,

10th Floor, Commerz II, International Business Park, Oberoi Garden City, Off Western Express Highway, Goregaon

(East), Mumbai - 400 063, India,

Tel:02261335600,

somnath.das@draeger.com

Sub: Award for Supply, Installation, Testing and Commissioning of 2 units of Trolley Mounting Anesthesia Workstation (Dragger, Fabious Plus XL with Vista 120) for Regional Cancer Center (RCC) with 5 years warranty and thereafter 5 year CMC for department / section of Radiation Oncology.

Reference:

- Tender Enquiry No: GEM/2023/B/4068926
- Offer No: NA
- Price Justification No:GEMC 511687756765070, Dated 25/03/2022
- Price Discount Letter No:Discounted on GEM Portal
- PO Remarks:In Principal Approval by the MOHFW, Govt of India (NE Section) vide Letter No F No U 120025/20/2023-NE, Dated 04/09/2023, Approved in the Internal Joint Procurement Committee vide IJPC No 6/2023-24, held on 02/02/2024, vide Agenda No 42

This Order/Memorandum issues with concurrence of Finance Branch vide their UO No C - 1129/2023-24 Dated 15-02-2024

Dear Sir/Madam,

With reference to Tender Enquiry No: GEM/2023/B/4068926 and your Bid/Offer NA in response an order is hereby placed on you for the complete turnkey contract of supply, transportation, installation, commissioning, provision of technical assistance, after sales service, maintenance service and other such obligations of the tenderer, training at bidders cost and demonstration of Medical equipment at this Institute, as per details indicated herein.

This order which is intended for the supply of the store detailed in the scheduled below, in accordance with the terms & conditions of NEIGRIHMS /Government of India and in the manner specified herein, shall operate to create a specific contract between the contractor (with whom the contract referred to and the requisition are placed) on one part and NEIGRIHMS, Shillong, on the other part.

Sl. No	Description Of Goods	Unit	Rate Per Unit	Total Amount on(DDP at Consignee Site)
1.0				0

PO03240005 / NEIGR/S&P/RCC/OT/G-04/2023-24/GEMC-511687716027404

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Characteristic of Behills alors

1	Trolley Mounting Anesthesia Work Station with TFT Monitor (Make:Draeger India Pvt. Ltd., Model: Fabious plus XL with Vista120)						
-	FOB Price/Ex-factory at Port /Airport of Loading	2nos	₹ 3,486,607.15	₹ 6,973,214.30			
	Goods & Service Tax (GST)		₹418,392.85	₹836,785.70			
}	Total Price for NEIGRIHMS rate with 5 years warranty period ₹7,810,000.00						

In words: INR Seventy Eight Lakhs Ten Thousands Rupees Zero Paise

Total Price for inclusive delivered free (F.O.R) at Central stores / Department at NEIGRIHMS. Mawdiangdiang, Shillong - 793018 including loading, unloading, handling, transportation, weighbridge and other unforeseen charges.

Tenderer/ Vendors/ Contractor should note that the following terms and condiations will apply specifically in addition to the Rules and the Regulation as applicable to such purchases in the Government of India.

Warranty:

The Tenderer warrants comprehensively that the goods supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by the purchaser in the contract. The Tenderer further warrants that the goods supplied under the contract shall have no defect arising from design, materials (except when the design adopted and / or the material used are as per the purchaser's specifications) or workmanship or from any act or omission of the Tenderer, that may develop under normal use of the supplied goods under the conditions prevailing in India.

This warranty shall remain valid for the period mentioned above, after the goods or any portion thereof as the case may be, have been delivered to the final destination and installed and commissioned at the final destination and accepted by the purchaser in terms of the contract, unless specified otherwise in the SCC.

Upon receipt of such notice from the purchaser, the Tenderer shall, within 8 hours on a 24 (hrs) X 7 (days) X 365 (days) basis, repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The Tenderer shall take over the replaced parts/goods after providing their replacements and no claim, whatsoever shall lie on the purchaser for such replaced parts/goods thereafter. In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the same warranty for the rectified /replaced goods shall be applicable from the date such rectified / replaced goods starts functioning to the satisfaction of the purchaser.

The tender / Manufacturer /OEM has provide minimum two mandatory Periodic Preventive mentainance in a year throughout the contract period failing which action will be initiated according to terms & condition of the tender, including forfeiture of the performance bank guarantee.

Comprehensive Maintenance Contract (CMC):

The Purchaser/Consignee reserves the rights to enter into Annual Comprehensive Maintenance Contract (CMC) between Consignee and the Tenderer for the period after the completion of warranty period.

The consignee will enter into CMC with the Tenderer at the rates as stipulated in the contract. The payment of CMC will be made on six monthly basis after satisfactory completion of said period, duly certified by the consignee on receipt of bank guarantee for an amount equivalent to 3 % of the CMC value in the prescribed format given in Section XV valid till 2 months after expiry of entire CMC period.

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During CMC period, the Tenderer shall visit at each consignee's site for preventive maintenance including testing and calibration as per the manufacturer's service/ technical/ operational manual. The Tenderer shall visit each consignee site as recommended in the manufacturer's manual, but at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance of the goods.

The payment of Annual CMC will be made against the bills raised to the consignee by the Tenderer on six monthly basis after satisfactory completion of said period, duly certified by the HOD concerned /Competent Authority and on receipt of Bank Guarantee for an amount equivalent to 3 % of the CMC value valid till 2 months after expiry of entire CMC period. The payment will be made in Indian Rupees.

The tender / Manufacturer /OEM has provide minimum two mandatory Periodic Preventive mentainance in a year throughout the contract period failing which action will be initiated according to terms & condition of the tender, including forfeiture of the performance bank guarantee.

CMC Equipment Cost:

S.n	Contract period	Units	Price Per Unit	Total Cost (Exclusive of GST)				
0								
1	Trolley	Mounting	Anesthesia Work Station	with TFT Monitor				
	(Make: Draeger India Pvt. Ltd., Model: Fabious plus XL with Vista 120)							
	6th year	2	₹ 155,207.20	₹ 310,414.40				
	7th year	2	₹ 164,142.37	₹ 328,284.74				
	8th year	2	₹ 164,142.37	₹ 328,284.74				
	9th year	2	₹ 164,142.37	₹ 328,284.74				
	10th year	2	₹ 164,142.37	₹ 328,284.74				

Delivery Schedule(Supply, Instalation, Testing, Commissioning with turnkey works):

For Indigenous goods or for imported goods if supplied from India: 90 days from date of Notification of Award to delivery at consignee site. (Tenderers may quote earliest delivery period).

For Imported goods directly from foreign:

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FOB Contracts-90 days from the date of opening of L/C. The date of delivery will be the date of Bill of Lading or Airway Bill (Tenderers may quote the earliest delivery period).

DDP Contracts: 90 days from the date of opening of L/C. The date of delivery will be the date of receipt by the consignee as in Consignee Receipt Certificate (Tenderers may quote the earliest delivery period).

Subject to the stipulation, if any, in the bidding document, the Tenderer shall be required to perfect the services viz. Installation, commissioning, supervision, demonstration, complete turnkey works, providing required jigs and tools for assembling. Civil works required for the completion of the installation, training of Consignee's Doctors, Staff, operators, etc for operating and maintaining the goods, supplying the required number of operation & maintenance manual for the goods

Liquidated Damages:

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If the Tenderer fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, 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 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 as per GCC 24. During the above-mentioned delayed period of supply and /or performance, the conditions incorporated under GCC sub-clause 22.4 above shall also apply. Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of GCC.

Performance Security:

Within thirty (30) days from date of the issue of Notification of Award by the purchaser, the Tenderer, shall furnish Performance Security to the purchaser for an amount equal to three percent (3%) of the total value of the contract, valid for a period of sixty days (60) beyond the date of completion of all contractual obligations including the warranty obligations. In the event of any failure /default of the tenderer with or without any quantifiable loss to the government including furnishing of consignee wise Bank Guarantee for CMC security, the amount of the performance security is liable to be forfeited

Performance Security may be furnished in the form of an Account Payee, Demand Draft, Fixed Deposit Receipt / Bank Guarantee from a Commercial Bank. Bid security should be refunded to the successful bidder on receipt of Performance Security.

Bidder /Tenderer are also required to sign the rate contract agreement, within 21 (twenty one) days from the issue of the notification of award, failing which EMD /Bid Security shall be forfeited.

Payment:

Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of GCC. Payment for domestic goods shall be made in Indian rupees as specified in the GCC clause 21.1. For Imported goods, 90% of the net FOB /CIF price (less Indian Agency Commission) as the case may be, through irrevocable, non-transferable Letter of Credit (LC) opened in favour of the Foreign Principal in a bank in his country and remaining as per the terms & conditions indicated in GCC clause 21.

Corrupt or Fraudulent Practices /Code of Integrity:

It is required by all concerned namely the Consignee/Tenderers/Suppliers etc to observe the highest standard of ethics during the procurement and execution of such contracts and to abide by the Code of Integrity Act, as per GFR 2017. In pursuance of this policy, the Purchaser: - defines, for the purposes of this provision, the terms set forth below as follows: "corrupt practice" means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution; and "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition; Will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract by the purchaser if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for or in executing the contract

Settlement of Disputes

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If there is any dispute or differences, the same may be referred to Director, NEIGRIHMS. Director, NEIGRIHMS or his authorized representative shall be the final authority in all disputes and decision taken by the authority will be binding on all concerned. Therefore, the jurisdiction in respect of settlement of disputes in Stores & Civil contracts shall be as per the Commercial Courts, Commercial Division and Commercial Appellate Division of High Courts (Amendment) Ordinance 2018, wherein the provision for pre -institution mediation, has been made mandatory in respective cases by the parties to the disputes.

Name of the Consignee:

Director, North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences, Mawdiangdiang, Shillong -793018 (Meghalaya), INDIA

All other terms & conditions are as per Tender Enquiry No / Offer No.: GEM/2023/B/4068926 / NA

(Kindly refer to the tender /bid document for all required Annexures /Proforma/Forms)

Validated By, harendra dey 07-03-2024 11:45:17

Stores & Procurement Officer,

Yours faithfully,

For and on behalf of Director, NEIGRIHMS, Smiliong

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Copy to:

1	Indenting Officer /Inspection authority Central /Ancillary Store Biomedical Engineer Purchase Order Master / Relevant File Stores Section Record	(i) (v)	/Incharge, Department / Section of Radiation Oncology Le RCE B R V Saglief (3) By Northern A Regarder B B Charces My fore of 20 Boo - Ceelel News
Enclose	ed:	Ð	DOASH JOEAS AONHaley
•	Annexure : Technical Specification	(d)	ASO-REC / an Ranence

• Annexure: Tender Form (Section –X)

• Annexure : Compliance Statement

• Annexure : Manufacturer's Authorization / Acceptance Letter

• Annexure : Details and Cost of Consumables /Reagents /Accessories

• Annexure : Others

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Stern & Procurement Officer NEIGRIAMS Shiftong-18

To The Director Neigrihms Mawdiangdiang Shillong

Date:18/10/2023

Specification For Anaesthesia Workstation

Sl. No.	Specification	Compliance Yes/No	Deviati Rema
A	Specification for Anesthesia Workstation		
1	General Requirement		
a)	Compact and modular, three gas anesthesia workstation with an integrated ventilator for adult to infants and integrated airway monitor for airway pressures and volume.	Yes,we comply	
b)	The machine should be suitable for low and minimal flow anesthesia application with compliance compensation of breathing ckt, fresh gas flow compensation/ decoupling.	Yes,we comply	·
c)	The machine should have 1 or more drawers	Yes,we comply	
d)	The anesthesia machine, inbuilt ventilator and vaporizer should be manufactured by same company with authorization /service agreement.	Yes,we comply	
e)	Dual Cascade /Electronic type flow meter tubes for Oxygen & N2O.Range 20 ml / min to 10 Lit/min. Calibrated in multiple scales. Single tube for air 100 ml to 14 L/ min.	Yes,we comply	
<u>f)</u>	The system should have upto 2 Hrs. battery backup	Yes, we comply	
g)	System should confirm to European CE and EN 60601-2-13 (Requirement for safety and essential performance of anesthesia system)	Yes,we comply	
	Gas delivery system		
a)	Should have pin index yokes for Oxygen & Nitrous Oxide besides separate connection for Central gas supply for Oxygen, Nitrous Oxide and Air.	Yes,we comply	
b)	The machine should have pressure gauges for cylinders & central supply lines mounted on front of Anaesthesia machine for better visibility. The gas connections should be non-interchangeable.	Yes,we comply	
c)	The system should be suitable to use at minimal flow upto 700ml fresh gas setting.	Yes,we comply	
d)	Automatic cutoff of N2O by Oxygen pressure failure.	Yes,we comply	1/
e)	Hypoxic guard for linear regulation of minimum oxygen concentration at 23% volume	Yes,we comply	ledely
NEIGR/S&P/I	For the state of t	Yes we comply	depu
g)_	Audible visual oxygen failure alarm.	Yes, we comply	1

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Γ		Machine should have possibility to mount two quick mount type	, ,	
Į	a)	vaporizer for easy interchangeability, and safety with interlock	Yes,we comply	
		facility		
		Should be provided with a Temperature / pressure compensated and		
	b)	flow independent Vaporizer Isoflourane&Sevoflourane.	Yes,we comply	
		Desoflourane (Optional)		
	c)	Vaporizer should have extended delivery range from 0 to 6 Vol. %	Yes,we comply	
[d)	The vaporizer should require no calibration in its lifetime.	Yes,we comply	
	5	Breathing System		-
	a)	Should have fresh gas de-coupled semi closed circle absorber system	Yes,we comply	
	b)	Should have adjustable pressure relief valve from 5 to 75 mbar	Yes,we comply	
	-)	Should have change over from Spontaneous to Bag ventilation with	Yes, we comply	
	c)	single step.	1 es,we comply	<u> </u>
	d)	The system should have leak and compliance test (including patient	Yes,we comply	
	<u></u>	hoses upto the Y piece).		
	e)	Should have compact breathing system with approx 1.7 Ltr. Volume	Yes,we comply	
-		capacity.		
	f)	Should have an external fresh gas outlet for connecting Magill or	Yes,we comply	
	-/	Bain's circuit		
	g)	The device should have port for anaesthesia gas scavenging system.	Yes,we comply	
	7	Anaesthesis Ventilator		
		The system should have inbuilt ventilator with electronically		
	a)	controlled and electrically driven technology. Should not require	Yes,we comply	
		driving gas.		·-·-
	b)	Should not require changing of bellows for adult & infants.	Yes,we comply	
	c)	Should have colour screen size of 10.4".	Yes,we comply	
	d)	Modes: Manual/Spont, Volume controlled, Pressure controlled,	Yes,we comply	
	<u> </u>	SIMV/PS,		
	e)	The same ventilator should be capable to be upgrade to pressure	Yes, we comply	
		support.	37	.
	<u>f)</u>	Tidal Volume : 20 ~ 1400 ml	Yes,we comply	
	<u>g)</u>	PEEP: 0 ~ 20 mbar	Yes,we comply	
	<u>h)</u>	Breathing Frequency: 4 to 60 BPM	Yes,we comply	
	<u>i)</u>	I:E Ratio : 4:1 to 1:4	Yes, we comply	
	j)	Inspiratory pause: 0 – 50% of Ti	Yes,we comply Yes,we comply	
	k)	Should have Desflurane compensation Should be able to vertilate with atmospheric air, in case of total gas	1 es, we compry	
	1)	Should be able to ventilate with atmospheric air, in case of total gas supply failure.	Yes,we comply	
		Integrated Airway monitoring and display of following		
	8	parameters:		
	a)	Expiratory Tidal Volume	Yes,we comply	
	b)	Expiratory Minute volume	Yes,we comply	
	c)	PEEP, Peak & Mean and Plaetau airway pressure	Yes,we comply	1
<u>.</u>	d)	Frequency	Yes, we comply	1
PO03240005 / NE	IGR/SAP/R	CWAVERHAPABAHAFMEr5A1987AJ9B7248thre.	Yes, we complif	1
		Adjustable high/low alarm limits with audio and visual alarms	Yes, we complist	affile
	9	for the following:	1 Stemmen	4
		·	1	

В	Specifications for Advanced Multipara monitor	
1	Should be suitable for adult, paediatric neonatal patients monitoring.	Yes,we comply
2	Should monitor ECG, Respiration, NIBP, SpO2, Dual Temperature, Three IBP as standard	Yes,we comply
3	Should have ST analysis, Arrhythmia detection, pacer spike detection, Drug Dose Calculation and xyCRG as standard in every monitor	Yes,we comply
4	Should have integrated 15" TFT-LCD colour touch screen display (resolution min 1024*768) with minimum 8 channels of waveforms.	Yes,we comply
5	Defib and ESU protection should be present	Yes,we comply
6	Should have monitoring, surgery and diagnostic mode of monitoring	Yes,we comply
7	Should have Advance Arrhythmia monitoring for Asystole, Vfib/Vtac, VT>2, Couplet, Bigeminy, Trigeminy, R on T, PVC, Tachy, Brady, Missed Beats, IRR, PNC, Vbrady.	Yes,we comply
8	Monitor access should be with Touch screen, rotary knob and fast access key for quick function.	Yes,we comply
9	150 hrs of trend and 200 alarm events with waveform as standard in all monitors.	Yes,we comply
10	PPV Supported	Yes,we comply
11	96 hours of full disclosure	Yes,we comply
12	Color or position of waveforms or parameters should be able to be adjusted based on users preferences. Big font on screen format should be present.	Yes,we comply
13	Nurse call, VGA output port should be standard in every monitor.	Yes,we comply
14	Monitor should have USB port for software upgrade	Yes,we comply
15	Should have inbuilt three channel recorder.	Yes,we comply
16	Should have min of 300mins of battery backup as standard in every monitor	Yes,we comply
17	Upgradeable to export the Vitals as HL7 messages to the HIS	Yes,we comply
18	Monitor should be ready for interface with select model of	Yes,we comply
19	Angesthesia gas monitoring (N2O, CO2, MAC) with Autogas	Yes,we comply
20	Connectivity to the central station both via wired and wireless	Yes,we comply
21	Should be European CE complying to European Directive	Yes,we comply
22		Yes,we comply
23		Yes,we comply
24		Yes,we comply
25		Yes,we comply
	P/RCCANIG-184/2023-24/GEMC-51168/716027408 ble for better hospital asset	Yes, we comply

	1_	Through impedance pneumography method or EtCO2	Yes,we comply	
⊢		SpO2		
⊢		Should provide value for arterial oxygen saturation as well as		
•		olethysmographic pulse waveform	Yes,we comply	
-		NIBP		
<u> </u>		By oscillometric principle of measurement.	Yes,we comply	
	-	- Should display Systolic, diastolic, mean pressure in large easy to	Yes,we comply	
		ead display	77	
		Range: 10 to 270mmHg	Yes,we comply	
]	Dual Temperature - core & skin. Range: 0 to 50 Deg C	Yes,we comply	
		Three IBP – Should include Starter kit and simultaneous monitoring of three temp and three IBP should be possible. Range: -50 to	Yes,we comply	
ļ		300mmHg		_
-		Specifications for Charting System / Documentation System		
-		The Software should be able to integrate Patient monitor,		
	,	Anaesthesia machine and Syringe pumps and other third-party	Yes,we comply	
			1 3	
-		devices Should display all OR Patient information like Name, Room		
1		Number, Patient ID, Ventilator status and attending physician names	Yes,we comply	
			1 20, 0 0 0 0 0 0 0 0	
}-		in single screen.		
		Should enable OR workflows such as ADT (Admission Discharge		
	3	and Transfer), flowsheet, Anesthesia documentation,	Yes,we comply	
	- T	Infusion Management, Medication, notes, scoring and other		
		workflows.		
	ļ	Should have electronic patient charts (flowsheets) which are		
	4	populated with data acquired electronically via medical	Yes,we comply	
	7	interface to other devices/information systems. Flowsheet data can		
i. L		be edited, validated, and annotated.		
	5	Should have automatic/manual fluid Input/output sheets which allow	Yes,we comply	
Ĺ		the tracking of a patient's total fluid intake and output.		
		Should have medication scheduling to create care-unit-based	1	
•	6	medication schedules which alert the staff to upcoming/past-due	Yes,we comply	
		medication needs		
ĺ		Should have special data screens for OR care units, such as	•	
ł	7	customized data forms, outcomes documentation, staffing	Yes, we comply	
	7	documentation and OR scheduling and Data annotation (notes/event,		
		notes/OR event capture).		
		Should have data protection Data and System Protection and		
		Security like all users should be given an individual password that		
	8	only they or admin can change. Personal data (name, DOB, etc. of	Yes,we comply	/
	_	patients and staff) should protected in the database under special		M
		password protection.		hura
	_	Should have staff documentation during the case and should provide	/	deloy
		a configurable list of staff members like Name	l	
	9	(first, middle, and last), Role, Group, Supervisor/Supervisor level,	Yes, we comply	The same of the sa
		Time in/Time Out	<u> </u>	
PO03240005 / NE	IGR/S&P/RC	Should have data protection Data and System Protection and	9/54	\ \
		Security like all users should be given an individual password that		1/2 N
	10	Security like all users should be given an individual password that	Yes.we comply	X
	l 10	only they or admin can change. Personal data (name. DOB. etc. of		12, 2

Γ	1	Should be FDA/CE/UL /BIS /CDSCO/ISO13485 approved product	Yes,we comply	
	2	Comprehensive training for lab staff and support services till familiarity with the system. Electrical safety conforms to standards for electrical safety IEC 60601-1 (Or equivalent International	Yes,we comply	
	3	National standard) general requirement for Electrical safety of Medical equipment	Yes,we comply	
	E	Documentation:		
	1	User / Technical / Maintenance manuals to be supplied in English.	Yes,we comply	
	2	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.	Yes,we comply	
	3	Cost of spare parts, consumables and accessories which are not covered under warranty & CMC period has to quote in schedule XI as percentage value in the Technical Bid, or else will be consider to be cover throughout the warranty & CMC period. Throughout the warranty & CMC period.	Yes,we comply	
	4	Calibration and routine Preventive Maintenance Support as per manufacturer documentation in service / technical manual has to be done throughout the warranty & CMC period.	Yes,we comply	
	5	Compliance report to be submitted in a tabulated and point wise manner clearly mentioning the page / Paranumber of original catalogue / data sheet and the offer details has to submit in the technical bid. Any point, if not substantiated with authenticated catalogue / manual, will not be considered.	Yes,we comply	
	6	Certificate of inspection and quality control indicating the S / N for all non-consumable items with date at the time of installation.	Yes,we comply	
	F	Environmental factors:		
	1	Shall meet IEC-60601-1-2:2001 (Or Equivalent BIS) General Requirements of safety for ElectromagneticCompatibility or should comply with 89/366/ECC; EMC-Directive.	Yes,we comply	
	2	The unit shall be capable of operating continuously in ambient temperature of 30-40 deg C and relative humidity of 15-90 %.	Yes,we comply	
	3	The unit shall be capable of being stored continuously in ambient temperature of 10-50 deg C and relativehumidity of 15 – 90 %	Yes,we comply	
		Warranty and Maintenance		
	a)	Warranty for the whole systems including software and hardware's including server and Desktops and network printer minimum: 5 years. including Spares & service.	Yes,we comply	
	b)	Mandatory PM with unlimited breakdown calls has to be attended by the bidder/manufacturer throughout the warranty & CMC period at site.i.e. NEIGRIHMS, Shillong	Yes,we comply	fu
	c)	Duly signed Mandatory PM reports has to be submitted periodically, falling which necessary action will be initiated as per term&	Yes, we comply	eff
PO03240005 / N	EIGR/S&P/F		10 / 54	VO:
•	- 	3 gas Anaesthesia machine	Yes,we comply	1.5,
	a) b)	Trollev with 3 drawers	Yes we comply	
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<u> </u>	Adult & Pediatric autoclavable patient tubing	Yes,we comply
1)	Anesthetic mask size – Adult & child	Yes,we comply
k)	Vaporizers for Isoflurane &Sevoflurane	Yes,we comply
K)	Central gas supply hoses (Color coded)	Yes,we comply
m)	Monitor basic unit ECG, Resp, SpO2, Dual Temp, NIBP, Three IBP, inbuilt battery	Yes,we comply
<u>n)</u>	5 lead ECG Cable – 1 no each per monitor	Yes,we comply
0)	SpO2 finger sensor – 1 no per monitor	Yes,we comply
p)	Skin temperature probe – 1 no per monitor	Yes,we comply
q)	NIBP Hose - Ino per monitor	Yes,we comply
r)	Adult & Paediatric cuff – 1no each per monitor	Yes,we comply
s)	Should be supplied with intermediate IBP cable—2 no per monitor	Yes,we comply
t)	Disposable transducers – 5 nos	Yes,we comply
<u>u)</u>	Soda Lime – 1 Jar (From same OEM)	Yes,we comply
v)	Instruction for Use	Yes,we comply

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Date: 30th Oct 2023 Ref No. GEM/2023/B/4068926

To. The Deputy Director Admn North Eastern Indira Gandhi Regional Institute Of Health And Medical Sciences (neigrihms) Neigrihms, Shillong,

Subject: Authorization Letter for Bid Participation

Tender Enquiry No. GEM/2023/B/4068926 dated 11.10.2023 for Anesthesia Workstation

Dear Sir/Madam,

We, Draeger India Private Limited a wholly owned subsidiary of Draegerwerk Ag and Co KGaA, Germany having registered office at 10th Floor, Commerz II, International Business Park, Oberoi Garden City, Off Western Express Highway, Goregaon (East) Mumbai-400063, certify that we are fully authorized to conduct business in India for Anesthesia Workstation (Model : Fabius Plus XL manufactured by Draegerwerk Ag and Co KGaA.

We hereby authorize M/s. Elke Drugs Distributor, Laitumkhrah, Nongrimbrah, Near Beat House, Shillong-793003, Meghalaya to participate in the above- mentioned bid on GeM (Govt e-Marketplace) for Anesthesia Workstation. Model : Fabius Plus XL.

Thanking You, For Draeger India Private Limited

Simanta

Digitally signed by Simanta Rajkhowa Rajkhowa Date: 2023.10.29 19:17:32 +05'30'

Simanta Rajkhowa

Sales Manager – North-East

BRANCH OFFICES Ahmedabad | Bengaluru | Chennai Kochi | Kołkata | Lucknow | New Delhi Mama ...

Solder She was the work of the

REGISTERED OFFICE Draeger India Private Limited CIN: U51507MH2004FTC143991 10" Floor, Commerz 2, International Business Park, Oberoi Garden City, Off Western Express Highway, Goregaon East, Mumbai, MH - 400 063 www.draeger.com Tel: +91 22 6133 5600

Email: customercareingia@draeger.com

Maharashtra - 401 208

Draeger India Private Limited

Shed No. 6, Survey No. 42.

Village Deodal, Taluka: Vasai.

District: Palghar, Vasai East,

WAREHOUSE

To The Director Neigrihms Mawdiangdiang Shillong

Date:18/10/2023

Specification For Anaesthesia Workstation

Sl. No.	Specification	Compliance Yes/No	Deviati Rema
A	Specification for Anesthesia Workstation		
1	General Requirement		
a)	Compact and modular, three gas anesthesia workstation with an integrated ventilator for adult to infants and integrated airway monitor for airway pressures and volume.	Yes,we comply	i
b)	The machine should be suitable for low and minimal flow anesthesia application with compliance compensation of breathing ckt, fresh gas flow compensation/ decoupling.	Yes,we comply	
c)	The machine should have 1 or more drawers	Yes,we comply	
d)	The anesthesia machine, inbuilt ventilator and vaporizer should be manufactured by same company with authorization /service agreement.	Yes,we comply	
e)	Dual Cascade /Electronic type flow meter tubes for Oxygen & N2O.Range 20 ml / min to 10 Lit/min. Calibrated in multiple scales. Single tube for air 100 ml to 14 L/ min.	Yes,we comply	
f)	The system should have upto 2 Hrs. battery backup	Yes, we comply	
g)	System should confirm to European CE and EN 60601-2-13 (Requirement for safety and essential performance of anesthesia system)	Yes,we comply	
2	Gas delivery system		
a)	Should have pin index yokes for Oxygen & Nitrous Oxide besides separate connection for Central gas supply for Oxygen, Nitrous Oxide and Air.	Yes,we comply	
b)	The machine should have pressure gauges for cylinders & central supply lines mounted on front of Anaesthesia machine for better visibility. The gas connections should be non-interchangeable.	Yes,we comply	
c)	The system should be suitable to use at minimal flow upto 700ml fresh gas setting.	Yes,we comply	Sho
d)	Automatic cutoff of N2O by Oxygen pressure failure.	Yes,we comply	1 Dels
e)	Hypoxic guard for linear regulation of minimum oxygen	Yes,we comply	le
/ NEIGR/S&P/	RC Forest 1720 pate 12476 that the same of 200 ml at low fresh gas flow settings even below total 500 ml fresh gas flow.	Yes,we comply	106 Mp
<u>g</u>)	Audible visual oxygen failure alarm.	Yes, we comply	1

PO03240005 / NE		Frequency Walle Roll 2013 1 24 1 25 1 25 1 25 1 25 1 25 1 25 1 25	Yes, we compily 54	odok
	c)	PEEP, Peak & Mean and Plaetau airway pressure	Yes, we comply Yes, we comply	
	b)	Expiratory Minute volume	Yes,we comply Yes,we comply	Olevery)
	<u>a)</u>	Expiratory Tidal Volume	Yes, we comply	MAN
	. 8	Integrated Airway monitoring and display of following parameters:	Vac ma as male	77.
	1)	Should be able to ventilate with atmospheric air, in case of total gas supply failure.	Yes,we comply	
	k)	Should have Desflurane compensation	Yes,we comply	
	j)	Inspiratory pause : 0 – 50% of Ti	Yes,we comply	
!	i)	I:E Ratio : 4:1 to 1:4	Yes,we comply	
	h)	Breathing Frequency: 4 to 60 BPM	Yes,we comply	
	g)	PEEP : 0 ~ 20 mbar	Yes,we comply	
	f)	Tidal Volume : 20 ~ 1400 ml	Yes,we comply	
	e)	The same ventilator should be capable to be upgrade to pressure support.	Yes,we comply	
	d)	Modes: Manual/Spont, Volume controlled, Pressure controlled, SIMV/PS,	Yes,we comply	
ľ	c)	Should have colour screen size of 10.4".	Yes,we comply	
	b)	Should not require changing of bellows for adult & infants.	Yes,we comply	
	a)	The system should have inbuilt ventilator with electronically controlled and electrically driven technology. Should not require driving gas.	Yes,we comply	
ļ	7	Anaesthesis Ventilator		
	g)	The device should have port for anaesthesia gas scavenging system.	Yes,we comply	
	f)	Should have an external fresh gas outlet for connecting Magill or Bain's circuit	Yes,we comply	
	e)	Should have compact breathing system with approx 1.7 Ltr. Volume capacity.	Yes,we comply	
	d)	The system should have leak and compliance test (including patient hoses upto the Y piece).	Yes,we comply	
- 	c)	Should have change over from Spontaneous to Bag ventilation with single step.	Yes,we comply	
}	b)	Should have adjustable pressure relief valve from 5 to 75 mbar	Yes,we comply	
ŀ	a)	Should have fresh gas de-coupled semi closed circle absorber system	Yes,we comply	·
-	d) 5	Breathing System	r cs,wc compry	
-	c)	The vaporizer should require no calibration in its lifetime.	Yes,we comply	
	b)	flow independent Vaporizer Isoflourane&Sevoflourane. Desoflourane (Optional) Vaporizer should have extended delivery range from 0 to 6 Vol. %	Yes,we comply Yes,we comply	
		facility Should be provided with a Temperature / pressure compensated and		
	a)	Machine should have possibility to mount two quick mount type vaporizer for easy interchangeability, and safety with interlock	Yes,we comply	

В	Specifications for Advanced Multipara monitor	
1	Should be suitable for adult, paediatric neonatal patients monitoring.	Yes,we comply
2	Should monitor ECG, Respiration, NIBP, SpO2, Dual Temperature, Three IBP as standard	Yes,we comply
3	Should have ST analysis, Arrhythmia detection, pacer spike detection, Drug Dose Calculation and xyCRG as standard in every monitor	Yes,we comply
4	Should have integrated 15" TFT-LCD colour touch screen display (resolution min 1024*768) with minimum 8 channels of waveforms.	Yes,we comply
5	Defib and ESU protection should be present	Yes,we comply
6	Should have monitoring, surgery and diagnostic mode of monitoring	Yes,we comply
7	Should have Advance Arrhythmia monitoring for Asystole, Vfib/Vtac, VT>2, Couplet, Bigeminy, Trigeminy, R on T, PVC, Tachy, Brady, Missed Beats, IRR, PNC, Vbrady.	Yes,we comply
8	Monitor access should be with Touch screen, rotary knob and fast access key for quick function.	Yes,we comply
9	150 hrs of trend and 200 alarm events with waveform as standard in all monitors.	Yes,we comply
10	PPV Supported	Yes,we comply
11	96 hours of full disclosure	Yes,we comply
12	Color or position of waveforms or parameters should be able to be adjusted based on users preferences. Big font on screen format should be present.	Yes,we comply
13	Nurse call, VGA output port should be standard in every monitor.	Yes,we comply
14	Monitor should have USB port for software upgrade	Yes,we comply
15	Should have inbuilt three channel recorder.	Yes,we comply
16	Should have min of 300mins of battery backup as standard in every monitor	Yes,we comply
17	Upgradeable to export the Vitals as HL7 messages to the HIS	Yes,we comply
18	Monitor should be ready for interface with select model of equipment like Anaesthesia machine/ventilators for displaying ventilation parameters, waveforms & loops.	Yes,we comply
19	Anaesthesia gas monitoring (N2O, CO2, MAC) with Autogas identification.	Yes,we comply
20	Connectivity to the central station both via wired and wireless network.	Yes,we comply
21	Should be European CE complying to European Directive 93/42/EEC for both Monitor and software to control physiologic monitoring systems.	Yes,we comply
22	Bed to Bed monitoring as standard	Yes,we comply /
23	Upgradable to Cardiac Output Monitoring	Yes, we comply
24	Monitor should support Bar Code admit for the patient	Yes,we comply
25	Anesthesia Machine Ventilator Data can be seen with Monitor.	Yes,we comply
/ NEIGR/S&P/F 26	Anti-ten 2022 facting shifted be 708 ible for better hospital asset management	Yes we comply

SpO2 - Should provide value for arterial oxygen saturation as well as plethysmographic pulse waveform NIBP - By oscillometric principle of measurement Should display Systolic, diastolic, mean pressure in large easy to read display - Range: 10 to 270mmHg - Dual Temperature - core & skin. Range: 0 to 50 Deg C - Three IBP - Should include Starter kit and simultaneous monitoring of three temp and three IBP should be possible. Range: -50 to 300mmHg - C Specifications for Charting System / Documentation System - The Software should be able to integrate Patient monitor, Anaesthesia machine and Syringe pumps and other third-parry devices - Should display all OR Patient information like Name, Room - Number, Patient ID, Ventilator status and attending physician names in single screen Should enable OR workflows such as ADT (Admission Discharge and Transfer), flowsheet, Anesthesia documentation, Infusion Management, Medication, notes, scoring and other workflows. - Should have electronic patient charts (flowsheets) which are populated with data acquired electronically via medical interface to other devices/information systems. Flowsheet data can be edited, validated, and annotated. - Should have untomatic/manual third Input/output sheets which allow the tracking of a patient's total fluid intake and output. - Should have medication scheduling to create care-unit-based medication schedules which alert the staff to upcoming/past-due medication schedulies which alert the staff to upcoming/past-due medication schedulies which alert the staff to upcoming/past-due medication scheduling to create care-unit-based medication scheduling to	_	 -	Through impedance pneumography method or EtCO2	Yes,we comply	
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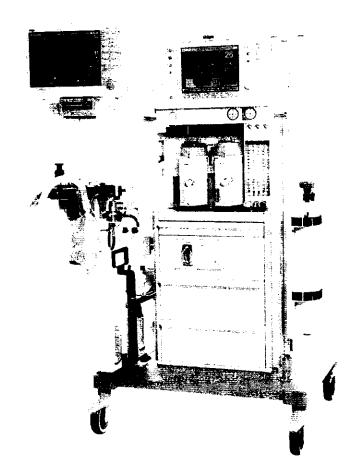
Γ	1	Should be FDA/CE/UL /BIS /CDSCO/ISO13485 approved product	Yes,we comply	
	1			
	2	Comprehensive training for lab staff and support services till familiarity with the system. Electrical safety conforms to standards for electrical safety IEC 60601-1 (Or equivalent International	Yes,we comply	
	3	National standard) general requirement for Electrical safety of Medical equipment	Yes,we comply	
	E	Documentation:		
	11	User / Technical / Maintenance manuals to be supplied in English.	Yes,we comply	
	2	Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.	Yes,we comply	
	3	Cost of spare parts, consumables and accessories which are not covered under warranty & CMC period has to quote in schedule XI as percentage value in the Technical Bid, or else will be consider to be cover throughout the warranty & CMC period. Throughout the warranty & CMC period.	Yes,we comply	
	4	Calibration and routine Preventive Maintenance Support as per manufacturer documentation in service / technical manual has to be done throughout the warranty & CMC period.	Yes,we comply	
į	5	Compliance report to be submitted in a tabulated and point wise manner clearly mentioning the page / Paranumber of original catalogue / data sheet and the offer details has to submit in the technical bid. Any point, if not substantiated with authenticated catalogue / manual, will not be considered.	Yes,we comply	
	6	Certificate of inspection and quality control indicating the S / N for all non-consumable items with date at the time of installation.	Yes,we comply	
,	<u>F</u>	Environmental factors:		
	1	Shall meet IEC-60601-1-2:2001 (Or Equivalent BIS) General Requirements of safety for ElectromagneticCompatibility or should comply with 89/366/ECC; EMC-Directive.	Yes,we comply	. <u>.</u>
	2	The unit shall be capable of operating continuously in ambient temperature of 30-40 deg C and relative humidity of 15-90 %.	Yes,we comply	
	3	The unit shall be capable of being stored continuously in ambient temperature of 10-50 deg C and relativehumidity of 15 – 90 %	Yes,we comply	
		Warranty and Maintenance		
	a)	Warranty for the whole systems including software and hardware's including server and Desktops and network printer minimum: 5 years. including Spares & service.	Yes,we comply	
	b)	Mandatory PM with unlimited breakdown calls has to be attended by the bidder/manufacturer throughout the warranty & CMC period at site.i.e. NEIGRIHMS, Shillong	Yes,we comply	
	c)	Duly signed Mandatory PM reports has to be submitted periodically, falling which necessary action will be initiated as per term& condition of the tender	Yes,we comply	
PO03240005 / NE	IGR/SAP/R	CL:01/G-04/2023-24/GEMC-511687/1602/404 Scope of supply	Several 1	221
	a)	3 gas Anaesthesia machine	Yes, we county	26
	b)	Trollev with 3 drawers	Yes.we comply	chh

	Adult & Pediatric autoclavable patient tubing	Yes,we comply
 i)	Anesthetic mask size – Adult & child	Yes,we comply
k)	Vaporizers for Isoflurane &Sevoflurane	Yes,we comply
1)	Central gas supply hoses (Color coded)	Yes,we comply
m)	Monitor basic unit ECG, Resp, SpO2, Dual Temp, NIBP, Three IBP, inbuilt battery	Yes,we comply
<u>n)</u>	5 lead ECG Cable – 1 no each per monitor	Yes,we comply
0)	SpO2 finger sensor – 1 no per monitor	Yes,we comply
<u>p)</u>	Skin temperature probe – 1 no per monitor	Yes,we comply
q)	NIBP Hose - Ino per monitor	Yes,we comply
<u>-4/</u> r)	Adult & Paediatric cuff – Ino each per monitor	Yes,we comply
s)	Should be supplied with intermediate IBP cable—2 no per monitor	Yes,we comply
	Disposable transducers – 5 nos	Yes,we comply
<u>u)</u>	Soda Lime – 1 Jar (From same OEM)	Yes,we comply
v)	Instruction for Use	Yes,we comply
-:/		



Dräger Fabius® plus XL **Anaesthesia Workstations**

oven German engineering you can The Dräger Fablus plus XL c rapy. Thanks to its scalable count on with high performance ventilation therapy. Thanks to its scalable design concept, it allows you to choose the quality workstation you want now without losing sight of your future goals and needs.



Dräger, Technology for Lins

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Benefits

The Fabius plus XL

Designed to provide quality therapy and sophisticated monitoring capabilities in a compact yet versatile package, the Fabius plus XL incorporates proven German engineering. With a range of expansion options to choose from, it lets you enjoy the advantages of Dräger quality today while maintaining flexibility for the future.

Powerful yet affordable

In addition to the high-quality ventilation capabilities made possible by its highly accurate, electronically driven piston ventilator, the Fabius plus XL now includes a number of features which help you maximize your therapeutic potential and improve patient safety.

A clear view

The Fabius plus XL organizes and displays information clearly and logically on a 10.5 inch color display, providing an excellent overview from a wide range of viewing angles.

Flexible scalability

The Dräger Fabius plus XL lets you flexibly expand its capabilities by adding additional monitors, gas cylinders and other accessories such as infusion pumps.

Improved ergonomics

Carefully positioned mounting rails let you mount additional equipment within easy reach. The optional higher trolley lets you work comfortably in a standing position.

An enhanced cable management concept combined with an integrated power outlet mean less cable clutter.

The space you need

Three large drawers let you store consumables where they are needed - close by. The top storage drawer can be converted to install your choice of Scio gas measurement module.

System components



Dräger Vapor® 2000 and D-Vapor®

Dräger vaporisers have been the benchmark for quality for over 50 years. Quality trusted by doctors and nurses around the world: to date, over 400,000 Vapor units have been sold to hospitals around the world.



Vamos Family

The expandable Vamos Family lets you choose your gas monitoring solution today while keeping your options open for the future. In addition to CO₂ and SpO₂ your monitoring capabilities can be expanded to include all five common anaesthetic agents and N₂O.



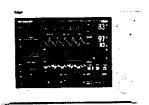
Scio Four Family

 O_2 , CO_2 , N_2O_3 and volatile anaesthetic agents at a glance: Scio Four Family can be used with an Infinity monitor anywhere you need it.



Infinity[®] Delta

With the Delta multiparameter monitor, you can continuously monitor adult, pediatric and neonatal patients both at the bedside and on transport -- eliminating the need for separate transport monitors. Supports all patient acuity levels hospital-wide.



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Accessories



Drägersorb® Soda Lime

High safety ' ' and CO, absorption capacity. Soda lime is essential for CO₂ absorption in inhalation anaesthesia machines with rebreathing systems. Yet conventional soda lime can produce Compound A and carbon monoxide.



WaterLock® 2

Perfect protection for precise gas measurement. Dräger WaterLock® 2 safely stops water from getting into the Multi-Gas Sensor. The membrane technology developed by Dräger for the WaterLock® 2 stops any bacteria or germs from getting into the gas measurement system. The WaterLock® 2 is also safe and simple to empty – with a further advantage in handling and hygiene.



Breathing Systems and Accessories

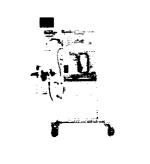
Bringing indispensable experience to disposable convenience.

Land

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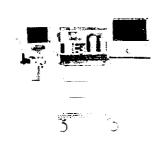
Dräger Fabius 'Plus

Combine quality ventilation, easy operation and maintenance with open architecture expandability. The Dräger Fabius® Plus combines quality ventilation with enhanced flexibility and integration capabilities. It was designed to accommodate a wide range of options and accessories, allowing you to customize your Dräger Fabius® Plus to suit your particular needs.



Dräger Fabius® Tiro

Get the most out of even the smallest spaces with a compact yet fully featured anaesthesia solution designed for use in a variety of specialized environments.



Dräger Fabius® GS premium

The Dräger Fabius® GS premium is an anaesthesia workstation that is simple to use, highly efficient and ready for the future. It features a solid design with modular architecture plus a wide range of ventilation capabilities. Customize your Fabius® GS premium exactly the way you need it.



Dräger Fabius® MRI

Increase the diagnostic capability of your MRI unit with the help of state-of-the-art ventilation in the Dräger Fabius® MRI anaesthesia system specially designed for use in MRI environments.

Stoley Shirt