

**बिड दस्तावेज़ / Bid Document**

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	13-05-2026 21:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	13-05-2026 21:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Labour And Employment
विभाग का नाम/Department Name	Na
संगठन का नाम/Organisation Name	Employees State Insurance Corporation (esic)
कार्यालय का नाम/Office Name	Esic Hospital Bibvewadi, Pune
कुल मात्रा/Total Quantity	203
वस्तु श्रेणी /Item Category	Educational Teaching Chart (Q4)
बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)	4 Lakh (s)
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)/OEM Average Turnover (Last 3 Years)	8 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Relaxation for Years Of Experience and Turnover	Yes   Complete
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years Of Experience and Turnover	Yes   Complete
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC) *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

बिड विवरण/Bid Details	
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	3
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/RA Qualification Rule	H1-Highest Priced Bid Elimination
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
अनुमानित बिड मूल्य / Estimated Bid Value	786000
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

#### ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईएमडी राशि/EMD Amount	15720

#### ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00

ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).

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(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने है। एमएसई कटेगरी 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।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

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

**लाभार्थी /Beneficiary :**

DEAN, ESIC Medical College and Hospital Bibvewadi Pune  
DEAN, ESIC Medical College and Hospital Bibvewadi Pune, 411037, Employees State Insurance Corporation (ESIC), Ministry of Labour and Employment  
(Esi Fund Account No.1)

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

**एमआईआई खरीद वरीयता / MII Purchase Preference**

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में है / Purchase Preference to MII sellers available upto price within L1+X%	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

**एमएसई खरीद वरीयता/MSE Purchase Preference**

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within L1+X%	15

सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25
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1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be relaxed from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover, shall upload the supporting documents to prove his eligibility for Relaxation.
3. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking Relaxation from Experience Criteria, shall upload the supporting documents to prove his eligibility for Relaxation.
4. If the bidder is a DPIIT registered Startup, the bidder shall be relaxed from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be relaxed from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking Relaxation from Turnover shall upload the supporting documents to prove his eligibility for Relaxation.
5. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
6. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
7. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
8. 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.
9. 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.

10. 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.

11. 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

### **Educational Teaching Chart ( 203 pieces )**

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

#### **तकनीकी विशिष्टियाँ /Technical Specifications**

\* जेम कटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

<b>विवरण/Specification</b>	<b>विशिष्टि का नाम /Specification Name</b>	<b>बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)</b>
General Requirements	Thickness of MDF sheet backside(in mm)	5
Physical Characteristics	Language used	English
Printing	<b>Type of printing</b>	Eco vinyl laminated print, multi color offset printing
Warranty	Warranty(In years)	3

#### **Additional Specification Parameters - Educational Teaching Chart ( 203 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Specification must comply with documents uploaded in buyer added bid specific ATC documents Annexure (I)	Specification must comply with documents uploaded in buyer added bid specific ATC documents Annexure (I)

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

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

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Vyankat Baliram Jambhale	411037,ESIC Hospital, Survey No.690, BIBVEWADI, PUNE-411 037	203	15

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

##### 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 up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be  $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$ , subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

##### 2. 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

##### 3. 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.

##### 4. Forms of EMD and PBG

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

ESI FUND ACCOUNT NO.1  
payable at  
PUNE

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

##### 5. Forms of EMD and PBG

Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of

ESI FUND ACCOUNT NO.1  
payable at  
PUNE

. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

## 6. **Scope of Supply**

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

## 7. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

Buyer Added text based ATC clauses

1. If there is any contradiction in technical specification given under GeM Bid & ATC, technical specifications uploaded with each item in additional specification parameters/Buyer added bid specific ATC in **Annexure (I)** by the buyer are overriding effect in technical specification given under the GeM Category specification in GeM Bid.

2. Bidder should submit the undertaking on letter head of bidder with sign and stamp. As per Format attached in **Annexure (II)** in buyer uploaded ATC document.

3. Bidder should submit Bid Security Declaration Certificate mentioned in the bid on letter head of bidder with sign and stamp. As per Format attached In **Annexure (III)** in buyer uploaded ATC document.

4. Bidder should submit the Declaration of Compliance of Rule 144 (xi) of GFR 2017 (Land Border Undertaking) on letter head of bidder with sign and stamp. As per Format attached In **Annexure (IV)** in buyer uploaded ATC document.

5. Bidder should submit the Bid Specific OEM Authorization Certificate as mentioned in the bid on letter head of Manufacturer with sign and stamp. As per Format attached in **Annexure (V)** in buyer uploaded ATC document.

### 6. Common IP Addresses:

Bidders may please note that GeM is capturing and showing the IP addresses used by the Buyer and the Bidder(s) /Seller(s). The received bids having matching/common IP address with either Bidder(s)/Seller(s) or Buyer, shall be outrightly rejected & shall not be considered for further Evaluation.

7. The DEAN, ESIC Medical College and Hospital Bibvewadi, Pune reserves the right to cancel the bid at any stage without assigning any reason.

### 8. Advance Sample Clause:

Successful Bidder shall submit 01 qty advance sample for buyer's approval, within 5 days of award of contract. Seller shall be required to ensure supply as per approved sample.

### 9. Warranty:

Seller should provide Five years onsite comprehensive warranty. If the repair is taking more than 07 days then stand by arrangement should be made by the seller on his own cost.

### 10. Turnover:

The bidder should submit the turnover for any three consecutive financial years out of FY 2022-23, 2023-24, 2024-25, and 2025-26 in r/o OEM as well as bidder itself.

### 11. Pre-Bid details: (Details attached in Notice of Pre-Bid meeting in buyer added bid specific ATC )

Prebid meeting date : 30.04.2026 11.00am

## Annexure I

<b>Details of required Charts of Anatomy, Physiology, Biochemistry, Microbiology, Pharmacology, Community Medicine, Forensic Medicine, Pathology for teaching purpose (Medical College)</b>		
<b>Sr.No</b>	<b>List of Charts &amp; Models required for 1<sup>st</sup> and 2<sup>nd</sup> year department Medical College</b>	<b>Quantity Required</b>
<b>Anatomy</b>		
1	The vascular system and viscera	1
2	Dermatomes	1
3	Hip and Knee	1
4	Hand and wrist	1
5	Foot and Ankle	1
6	The skeleton system	1
7	The vertebral column	1
8	The human skull	1
9	The Muscular system	1
10	Ligaments of Joints	1
11	Temporomandibular Joint	1
12	Anatomy of Teeth	1
13	Anatomy of heart	1
14	Anatomy of brain	1
15	Autonomous nervous system	1
16	The nervous system	1
17	The spinal nerves	1
18	The Lymphatic system	1
19	The Human hair	1
20	Ear, Nose, Throat	1



21	Anatomy of inner ear	1
22	The EYE anterior and posterior chamber	1
<b>Physiology</b>		
1	Cell membrane	1
2	Membrane transport (3 charts)	1
3	Ionic equilibria and resting membrane potential	1
4	Action potential	1
5	Conduction velocity of nerve	1
6	Signal transduction (2 charts)	1
7	Organization of brain- cerebrum	1
8	Organization of brain - cell type	1
9	Blood brain barrier	1
10	Synaptic transmission - Morphology of synapses	1
11	Synaptic transmission- Neuro muscular junction	1
12	Synaptic transmission- Visceral efferent endings	1
13	Synaptic transmission- Inhibitory mechanisms	1
14	Synaptic transmission- Chemical synaptic transmission	1
15	Cerebrospinal fluid- Ventricular system, circulation	1
16	Sensory pathways (3 charts)- Dorsal column pathway, Anterolateral pathway, Spinocerebellar pathway	1
17	Auditory system- pathways	1
18	Taste receptors	1
19	Taste pathways	1
20	Olfactory pathway	1
21	Descending motor pathway	1

22	Basal ganglia	1
23	Spinal cord- transverse section	1
24	Spinal cord- injuries- Hemi section, transaction	1
25	Autonomic nervous system-Schema	1
26	Hypothalamus	1
27	Visual system-layers of retina, photoreceptors	1
28	Visual system- visual pathway and lesions	1
29	Excitation contraction coupling-skeleton muscle	1
30	Body fluid compartments	1
31	Conduction system of heart	1
32	Ventricular muscle action and pace maker potential	1
33	Cardiac cycle	1
34	Fetal circulation	1
35	Tracheobronchial tree	1
36	Respiratory membrane-Alveolar capillary unit	1
37	Lung volumes and capacities-Spiro gram	1
38	Mechanics of breathing-pump handle and bucket handle movements	1
39	Lung surfactant- Laplace law	1
40	Control of respiration - chemical regulation	1
41	Oxygen - Hb dissociation curve	1
42	Carbon dioxide dissociation curve	1
43	Control of respiration- neural regulation	1
44	Glomerular filtration	1
45	Nephron structure- Cortical and juxtamedullary	1

46	Regulation of hormone secretion	1
47	Gigantism vs Acromegaly	1
48	Dwarfism vs Cretinism	1
49	Steps of Thyroid hormone synthesis	1
50	Myxedema, Grave's disease, Cretinism	1
51	Cortisol, Cushing's disease	1
52	Feto placental unit	1
53	Fertilisation	1
54	Action of insulin	1
55	Actions of glucagon	1
56	Spermatogenesis	1
57	Menstrual cycle with hormone regulation	1
58	Small intestine motility	1
59	Deglutition reflex	1
60	Compound microscope	1
61	Neubaur's chamber-cell counting squares	1
62	DLC- ideal smear	1
63	Salivatory secretion	1
64	Pancreatic secretion	1
65	Enterohepatic circulation	1
66	Normal RBC	1
67	Normal WBCs with size, nuclear lobes and granules as seen in peripheral smear	1
<b>Biochemistry</b>		
1	Glycolysis pathway	1

2	Citric acid cycle (Kreb's cycle)	1
3	Pentose phosphate pathway	1
4	Lipid metabolism pathway	1
5	Liver function test	1
6	Renal function test	1
7	Enzyme kinetics	1
8	Hormone regulation of metabolism	1
9	Signal transduction pathways	1
10	Charts linking to biochemical abnormalities in Diabetes	1
11	Chart explaining Chromatography	1
12	Chart explaining Spectrophotometry	1
13	Recombinant DNA technology	1
14	Inborn errors of metabolism	1
15	DNA double helix structure	1
16	DNA repair mechanism	1
17	Overview of PCR	1
18	Amino acid metabolism pathway	1
19	Urea cycle	1
20	Protein structure chart	1
21	Protein synthesis chart	1
22	Protein function and regulation	1
23	Essential and non-essential amino acids	1
24	Purine metabolism pathway	1
25	Pyrimidine metabolism pathway	1
<b>Microbiology</b>		

1	Light Microscope, Phase Contrast, Fluorescent microscope - Principle & Use	1
2	Gram Stain Procedure	1
3	ZN Stain Procedure	1
4	Hand Hygiene	1
5	Donning & Doffing of PPE Kits	1
6	Biomedical Waste Management- Color Coded	1
7	Chart of Shape & Arrangement of Bacteria	1
8	Classification of Bacteria	1
9	Classification & Morphology of Different fungi	1
10	Classification of Virus	1
11	Life cycle of Malaria	1
12	Life cycle of roundworm	1
13	Life cycle of filaria	1
14	Result & interpretation of TSI with example	1
15	Types of Hypersensitivity, and	1
16	Antigen-antibody reactions(ELISA, Agglutination)	1
17	The structure of immunoglobulins	1
<b>Pharmacology</b>		
1	Adverse Drug reactions- a) Gum Hypertrophy b) Angio edema c) Steven Johnson Syndrome d) Cleft lip & Cleft palate	1

2	Teratogenic drugs a) Thalidomide b) Warfarin c) Tetracycline	1
3	Setting up an IV drip	1
4	Dose response curve	1
5	Drugs obtained from plant source a) Morphine b) Digoxin c) Quinine d) Ephedrine	1
6	Use of dosage forms: (a) Intravenous injection (b) Subcutaneous injection (c) Eye drops (d) Ear drops (e) Nasal drops & Nasal spray (f) Aspirating from ampoule & vial (g) Suppository (h) Vaginal cream, ointment & gel (i) Transdermal patch (j) Metered dose inhaler & Rotahaler	1
<b>Community Medicine</b>		
1	Cardio Pulmonary Resuscitation-Adult	1
2	Cardio Pulmonary Resuscitation -Child	1
3	Nutritive Value Of Common Indian Recipes	1
4	Food Pyramid	1
5	Sources of Vitamins	1
6	Sources of Carbohydrates, Protein & fats	1
7	Height for Weight chart	1
8	Weight for Age chart	1
9	Malnutrition-Management according to National Health Mission Guidelines	1
10	B.M.I Anthropometric Standards	1
11	WHO New Growth Standards	1

12	Recommended DIETARY Allowances For Indians (for reference male, female & pregnant woman)	1
13	Universal Infection Prevention Practices	1
14	Slow Sand Filter (Explanatory Figure)	1
15	Rapid Sand Filter (Explanatory Figure)	1
16	Water Purification plant -(Explanatory Figure) in single or multiple 40 charts	1
17	Sewage Treatment Plan --(Explanatory Figure) in single or multiple charts	1
18	National Immunization Schedule-latest	1
19	Types of Epidemic and Epidemic Curves	1
<b>Forensic Medicine</b>		
1	Difference between Civil& Criminal Negligence	1
2	Age of ossification centres of whole body	1
3	Ages of eruption of teeth	1
4	Difference between Male & Female Pelvis	1
5	Difference between Rigor mortis & Cadeveric Spasm	1
6	Difference between Articial and True bruise	1
7	Difference between Bruise & Hypostasis	1
8	Difference between Suicidal, Accidental & Homicidal wounds	1
9	Gunshot wounds	1
10	Mechanism of Coup and contrecoup injuries of brain	1
11	Intracranial hamorrhages	1

12	Difference between antemortem and post mortem wounds	1
13	Classification of Burn injury	1
14	Difference between Epidural hematoma due to burns & epidural hematoma due to blunt force	1
15	Difference between burns due to Dry heat, Moist heat & Chemicals	1
16	Difference between Hanging & Strangulation	1
17	Difference between Fresh water drowning and Sea water drowning	1
18	Diatoms	1
19	Difference between Natural & Criminal abortion	1
20	Difference in Lungs before and after respiration in newborn	1
21	Classification of poisons	1
22	Difference between Arsenic poisoning and Cholera	1
23	Difference between Strychnine poisoning and Tetanus	1
24	Difference between Datura seeds and Capsicum seeds	1
25	Physiological effects of Alcohol at different blood alcohol concentration levels	1
<b>Pathology</b>		
1	Cell injury	1
2	Inflammation Acute and chronic	1
3	Healing and repair	1
4	Hemodynamic disorders	1
5	Neoplasia (TNM staging).	1
6	Diagrams of organ-specific diseases- Atherosclerosis	1



7	Diagrams of organ-specific diseases- Lobar pneumonia	1
8	Diagrams of organ-specific diseases- Liver cirrhosis	1
9	Flowcharts for tissue processing,	1
10	Flowcharts for Microtomy	1
11	Flowcharts for staining H&E	1
12	Flowcharts for Special Stains like PAS	1
13	Flowcharts for Special Stains Ziehl-Neelsen	1
14	Blood report formats (CBC)	1
15	Morphology of normal and abnormal blood cells	1
16	The coagulation cascade	1
17	ESR Techniques and interpretation	1
18	Osmatic Fragility	1
19	Blood grouping and interpretation	1
20	Urine Chemical analysis	1
21	Urine Normal /abnormal cells	1
22	Urine formed elements- Casts/ crystals	1
<b>Bidder should comply with following Specifications for all above mentioned charts</b>		
<b>Size :-</b>	20*26 inch or more	
<b>Material :</b> -	High quality, Scratch proof, Glossy finish, Accurate printing, Proper margins To be framed on 4 mm thick MDF board with 2 hooks for wall mounting	
<b>Chart Language:-</b>	English	
<b>Warranty:</b> -	5 Years Onsite Comprehensive Warranty	

#### 8. Buyer Added Bid Specific ATC

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

#### 9. Sample Clause

After award of contract - Successful Bidder shall have to get advance sample approved from buyer before bulk manufacturing / starting bulk supplies. Successful Bidder shall submit

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samples for Buyer's approval, within 5 days of award of contract. Buyer shall, as per contract specifications framework, either approve the advance sample or will provide complete list of modification required in the sample within 5 days of receipt of advance sample. Seller shall be required to ensure supply as per approved sample with modifications as communicated by Buyer. If there is delay from buyer side in approval of advance sample - the delivery period shall be refixed without LD for the period of delay in sample approval. In case, the sample is found to have major deviations / not conforming to the Contract specifications, the buyer at its discretion may call for fresh samples for approval before allowing bulk supplies or may terminate the contract after notifying the deviations to the seller.

Unless otherwise provided in the contract, all samples required for test shall be supplied by the contractor free of cost. Where under the contract, the contractor is required to submit an advance sample, any expenses incurred by the contractor on or in connection with the production of stores in bulk, before the sample has been approved unconditionally shall be borne by the Seller and he shall not claim any compensation in the event of such sample being found unacceptable by the Buyer / Consignee.

#### 10. **Warranty**

Warranty period of the supplied products shall be 5 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

#### **अस्वीकरण/Disclaimer**

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer, is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid. All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM. If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.
8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.

13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

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. 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.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.**

**For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.**

**The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:**

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

**All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.**

**This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.**

**However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.**

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

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।/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.

**---धन्यवाद/Thank You---**