



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2025/B/5792689
Dated/दिनांक : 20-01-2025

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	19-02-2025 10:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	19-02-2025 10:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	120 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Finance
Department Name/विभाग का नाम	Department Of Economic Affairs
Organisation Name/संगठन का नाम	Security Printing And Minting Corporation Of India Limited (spmci)
Office Name/कार्यालय का नाम	Janpath
क्रेता ईमेल/Buyer Email	buyer46.spmcils.mh@gembuyer.in
Total Quantity/कुल मात्रा	12
Item Category/मद केटेगरी	Cathode Ray Oscilloscope , SMD Rework Station and Tools , DIGITAL LCR METER , DC REGULATED POWER SUPPLY , SOLDERING CLAMP HOLDER , STEREO MICROSCOPE , ILLUMINATED STAND MAGNIFIER , ESD SAFE ELECTRONICS REWORK TABLE , ESD SAFE CHAIR
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	PROCUREMENT OF LAB EQUIPMENTS TO SET UP ELECTRONICS LAB
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Package No. 1 - ATAL TINKERING LAB OF NITI AAYOG ELECTRONICS DEVELOPMENT, ROBOTICS, INTERNET OF THINGS AND SENSORS, water baths, Virtual Reality (VR) Classroom Set Up, Package No. 2 Atal Tinkering Lab of Niti Aayog Rapid Prototyping Tools, Package No. 3 Atal Tinkering Lab of Niti Aayog Mechanical, Electrical and Measurement Tools, Power Generator - DG Set (up to 900 KVA)
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none">SMD Rework StationLCR MeterDigital Storage Oscilloscope
BOQ Title/बीओक्यू शीर्षक	ELECTRONIC LAB EQUIPMENT
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	1 Year (s)

Bid Details/बिड विवरण	
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Experience Criteria,Past Performance,Certificate (Requested in ATC),OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Past Performance/विगत प्रदर्शन	40 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	Yes
RA Qualification Rule	50% Lowest Priced Technically Qualified Bidders
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	SMD Rework Station and Tools
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
Evaluation Method/मूल्यांकन पद्धति	Item wise evaluation/
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	Indusind bank
Schedule 1 EMD Amount/ईएमडी राशि (In INR)	1960
Schedule 2 EMD Amount/ईएमडी राशि (In INR)	31250
Schedule 3 EMD Amount/ईएमडी राशि (In INR)	2280
Schedule 4 EMD Amount/ईएमडी राशि (In INR)	1000
Schedule 5 EMD Amount/ईएमडी राशि (In INR)	100
Schedule 6 EMD Amount/ईएमडी राशि (In INR)	4250
Schedule 7 EMD Amount/ईएमडी राशि (In INR)	200

Schedule 8 EMD Amount/ईएमडी राशि (In INR)	1330
Schedule 9 EMD Amount/ईएमडी राशि (In INR)	250

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	Indusind bank
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	15

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). The EMD Amount will be applicable for each schedule/group selected during Bid creation.

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

Beneficiary/लाभार्थी :

Chief General Manager
CURRENCY NOTE PRESS, JAIL ROAD, NASHIK ROAD, NASHIK-422101
(Currency Note Press, A Unit Of Spmcil, Nashik)

MII Purchase Preference/एमआईआई खरीद वरीयता

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

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

2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria" subject to their meeting of quality and technical specifications. If the bidder is OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of

quality and technical specifications. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.

3. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

4. 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.

5. 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.

6. 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.

7. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 40% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

8. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE

L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

Evaluation Method (Item Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

Evaluation Schedules	Item/Category	Quantity
Schedule 1	Cathode Ray Oscilloscope	1
Schedule 2	Smd Rework Station And Tools	2
Schedule 3	Digital Lcr Meter	1
Schedule 4	Dc Regulated Power Supply	1
Schedule 5	Soldering Clamp Holder	2
Schedule 6	Stereo Microscope	1
Schedule 7	Illuminated Stand Magnifier	1
Schedule 8	Esd Safe Electronics Rework Table	1
Schedule 9	Esd Safe Chair	2

Cathode Ray Oscilloscope

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

Technical Specifications/तकनीकी विशिष्टियाँ

Specification Document	View File
BOQ Detail Document	View File

Advisory-Please refer attached BOQ document for detailed consignee list and delivery period.

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Ashutosh Sharma	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	1	60

SMD Rework Station And Tools

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

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Ashutosh Sharma	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	2	60

DIGITAL LCR METER

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

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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	Ashutosh Sharma	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	1	60

DC REGULATED POWER SUPPLY

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

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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	Ashutosh Sharma	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	1	60

SOLDERING CLAMP HOLDER

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

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Ashutosh Sharma	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	2	60

STEREO MICROSCOPE

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

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Ashutosh Sharma	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	1	60

ILLUMINATED STAND MAGNIFIER

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

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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	Ashutosh Sharma	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	1	60

ESD SAFE ELECTRONICS REWORK TABLE

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

Technical Specifications/तकनीकी विशिष्टियाँ

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

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Ashutosh Sharma	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	1	60

ESD SAFE CHAIR

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

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S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Ashutosh Sharma	422101,Currency Note Press, Nashik Road Nashik , Maharashtra	2	60

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. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

A) TECHNICAL SPECIFICATION:

-

PROCUREMENT OF LAB EQUIPMENT'S SET UP ELECTRONICS LAB AT CNP, NASHIK

ITEM NO.01

Cathode Ray Oscilloscope :

4.1. Digital Storage CRO (Cathode Ray Oscilloscope) 200 Mega Hertz :

Essential for observing the varying signal voltages in the form of waveforms.

Crucial for diagnosing issues in electronic circuits.

Technical Specifications:

Ø Type of input channels: Analog

Ø No of analog Channels: 2

Ø Record Length per analog channel Simultaneously: 4M points

Ø Sampling rate per analog channel Simultaneously : 1 GS/sec

Ø Display type: Color TFT

Ø Minimum display size: 7 inch or better.

Ø Vertical Sensitivity 1mV/Div to 5 V/Div or better.

Ø Vertical Resolution 8 bit or better.

Ø Time Base Range 1ns/div to 50 s/div

Ø Time Base Accuracy 20 parts per million or better

Ø Minimum Detectable Pulse Width 2 nanosecond

Ø Waveform Update Rate (Waveform/sec) 3500 or better

Ø Coupling AC,DC,GND

Ø Trigger Types Edge, pulse width, video, pattern/state, External, runt, setup/ hold pattern, burst.

Ø Measurements Math function-Add, subtract, multiply, divide, Automatic

Measurements of Amplitude and time, FFT (phase),low-pass filter, Frequency Domain function, Time & Voltage cursors, FFT (magnitude)

Ø I/O Interface USB,LAN Port/GPIB

Ø Power Source 230 V AC, 50 Hz.

Ø Standard Accessories to be supplied Probes , Power cord ,Test reports with , name and address of the lab must be provided along with the offered product.

Manufacturer/authorization certificate should provide.

The product should comply applicable Indian standards.

Ø Warranty : Minimum 1 Year

Ø Quantity : 01 no.

Make:-Aplab,Tektronics,Scientific,Rockwell Automation or any standard.

ITEM NO.02

SMD Re-work Station and Tools:

1) Existing make Weller LCD SMD Rework Station 600 watt , Model WELLER WXR3031 with Accessories:

Necessary for repairing and soldering surface-mounted devices on printed circuit boards (PCBs).

Technical Specifications:

Ø SMD station with digital display LCD or LED

Ø Sensor type; Platinum

Ø Supply /Power; 230 volts ,Minimum 600 watts

Ø Temperature Range; 50 to 450 deg. C with temperature locking facility.

Ø Temperature Accuracy +/- 9 deg. C Temperature stability +/- 2 deg. C

Ø 3 channel

Ø Soldering Iron (in Watts) 120 ,De-soldering Iron (in Watts) 120

Ø Hot air flow (in litre/minutes) ; Minimum 15 with Inbuilt pump for hot air flow and suction.

Ø Pressure 7 bar or better

Ø Inbuilt vacuum pickup pen

Ø STANDARD ACCESSORIES

Ø With Soldering iron , De-soldering iron, Hot air iron , Pick up pencil , Safety rest

Ø De-soldering nozzle; Inner diameter-1mm, 1.2mm and 1.8mm

Ø Sponge, power cord, user manual should be included.

Ø Test report, Name of Lab, Address of Lab should be provided along with the product.

Ø Warranty ; Minimum 1 year

Ø Make : Weller/JBC or any standard equivalent.

-The product should comply applicable Indian standards.

Quantity : 02 nos.

2) ESD (Electrostatic Discharge) safe cutting plier :- Cutting capacity 1.3 mm diameter copper wire . Comfortable TPR coated grip for fatigue free working. Length-125 to 140 mm.Equipped with return spring for automatic opening of the Jaw.

Quantity= 02 Nos.

3) ESD (Electrostatic Discharge) safe side cutter (slim relive head):-Suitable for SMD components. Sharp p recision cutting edges with extra full flush cut . Made from special tool steel blade, hardened for long term cutting performance. ESD Handles dissipative 10 Ohm. Cutting capacity 1.3 mm diameter wire. Length 140 mm approx.

Quantity=02 Nos

4) ESD (Electrostatic Discharge)safe precision wire stripper:-Precision stripping holes guarantee the accurate size of notches for accurate stripping without any nick to the conductor. ESD Handles dissipative 10 Ohm. Cutting capacity 3.0 mm dia. Wire. Length 160 to 180 mm. Stripping capacity 0.25,0.32,0.4,0.5,0.6 and 0.8 mm (30,28,26,24,22,and 20 AWG)

Quantity=02 Nos

5) ESD (Electrostatic Discharge)safe straightener plier :- Non- reflecting surface .Size 120 mm to 140 mm. Up to 16 connections possible .

Quantity=02 Nos.

6) ESD (Electrostatic Discharge)safe tweezer miniature type. Length 120 mm . Non- magnetic , Anti acid , non- corrosive SMD paddle tips for pickup and handling. Made from stainless steel.

Quantity=02 Nos.

7) ESD safe Tweezer Curved shape type :- Length 116 mm approx. Non-magnetic, non-corrosive material stainless steel super fine curve.

Quantity=02 Nos.

8) ESD (Electrostatic Discharge) safe Tweezer straight type :- Length 110 mm approx. Non-magnetic, non-corrosive material stainless steel super fine curve.

Quantity=02 Nos.

9) ESD (Electrostatic Discharge)safe tweezer soft tip straight type: Length 130 mm . Non-magnetic , resistance less than 10 ohm. Tip material PPS, ESD safe. Do not scratch surface of fragile parts and sensitive SMDs.

Quantity= 02 Nos

10) ESD (Electrostatic Discharge)safe Tweezer wafer type:- 12 x 7 mm Stainless steel. Wafer teeth 3 to 6 .

Quantity= 02 Nos.

11) ESD (Electrostatic Discharge)(Electrostatic Discharge) Wrist Strap Long type.

Quantity= 02 Nos

12) ESD (Electrostatic Discharge)wrist strap short type

Quantity=02 Nos

13) ESD (Electrostatic Discharge)safe brushes for cleaning of PCB holes (Acid brushes) After de-soldering components from PCB:- 2 rows , 12 Holes Dimension 57 x 27x 25 mm.

Quantity= 02 Nos.

14) ESD (Electrostatic Discharge)safe screw driver set:-Slot head 3.5 , 4.0, 4.5, 5.5 mm . Phillips Head # 1 ,2.

Square 1,2. Xeno1,2 Hex- 2.5 ,3.0,4.0. Torx- T 8,T 10 , T 15

Quantity= 02 Nos.

15) ESD (Electrostatic Discharge) safe foot ware : ESD safe surface resistive Size 8 number as per Indian norms.

Quantity= 02 Nos

16) Component rack 5 x 5 Drawers: Size of cabinet 400 x 250 x 160 mm. Size of drawer 150 x 75 x 35 mm

Quantity= 01 No.

-Warranty for all the Items :- Minimum 1 Year.

-All the above Items mentioned are required for Electronics LAB setup. The repairing of ESD sensitive devices will be carried out in the ELECTRONICS LAB hence all the offered Items must be suitable for ESD sensitive devices work.

-The firm should send catalogue / Photograph along with Dimensions for all the products offered.

-The product should comply applicable Indian standards.

ITEM NO.03

DIGITAL LCR METER:

Digital LCR Meter: Used to measure inductance (L), capacitance (C), and resistance (R) of electronic components with high precision.

Technical Specifications:

Working voltage 230 Volt, AC 50 Hz.

Ø Digital LCR Meter Make Kusam -Meco LCR Meter Model BR5810 or equivalent

Ø Accuracy; +/- 0.3% rdg or better

Ø With Test fixture/Test Leads

Ø Correction Function (Calibration Function) ;Open, Short, Sweep corrections

Ø Auto ranging facility

Ø Maximum counts of LCR Display 9999 or better

Ø Measurement Range L ; 0.001 microH to 99999H or better

Ø Measurement Range C : 2000pf to 10mF or better.

Measurement Range R : 0.00001 ohm to 99.9999 M Ohm

Ø Test Frequency (in Hertz); 26

Ø External Power Source; DC power adapter

Ø Basic Resolution L :0.001 micro Henry , C: 0.1 pico Farad , R: 1 milli ohm or better.

Ø Test report, Name of Lab, Address of Lab should be provided along with the product.

The firm should submit manufacturer authorization.

The product should comply the applicable Indian Standards.

Ø Make: Kusam-Meco or equivalent.

Ø Warranty: Minimum 1 year

Ø Quantity : 01 no

ITEM NO.04**DC REGULATED POWER SUPPLY:**

DC Regulated variable power Supply

- Ø Variable DC regulated power supply unit floor mounted.
 - Ø Input voltage: 230 v AC +/- 10 %
 - Ø Output : DC 0 to 30 v DC variable
 - Ø Constant voltage constant current operation.
 - Ø Digital Display for Voltage and Current indication.
 - Ø Adjustable current limiter from 100 mA to 3 Amp.
 - Ø Output Current: 3 Amp
 - Ø Protection against overload and short circuit protection.
 - Ø Setting resolution: Voltage 10 mV, Current 5mA
 - Ø Internal resistance : Less than or equal to 10 m Ohm
 - Ø Load Regulation: Less than or equal to +/- 0.05 % + 10 mV
 - Ø Line regulation; Less than or equal to +/- 0.05 % + 10 mV
 - Ø Ripple and Noise: less than or equal to 1 mV rms or better.
 - Ø Accuracy; +/- 1 % + 1 digit
 - Ø Test reports, name and address of the lab must be provided along with the offered product.
- The firm should submit manufacturer authorisation certificate.
- The product should comply applicable Indian standards.
- Ø Make : Scientific/Aplab/Phoenix/Puls or equivalent.
 - Ø Warranty : Minimum 1 year
 - Ø Quantity : 01 no

ITEM NO.05**SOLDERING CLAMP HOLDER:**

Soldering Clamp Holder: Assists in holding PCBs during soldering processes, ensuring precision and safety.

Technical Specifications:

- Ø Circuit board size(Length) : 30 centimetre or more.
- Ø Circuit board thickness 10 cm.
- Ø Maximum circuit board size(Breadth) 30 cm.
- Ø Features 360 degree rotation and can be secured in any position
- Ø Quantity : 02 no's

ITEM NO.06**STEREO MICROSCOPE:**

TRINOCULAR SIMUL FOCAL STEREO MICROSCOPE: Vital for inspecting PCBs, especially for identifying faults in surface-mount components and ensuring the quality of repairs.

Technical Specifications:

Ø Standard configuration Working Distance 100mm

Ø Magnification 7x Field of view 28.6 mm ,Magnification 45 X Field of view 4.4 mm , Eyepiece 10x/20 mm

Standard configuration: 7X-45X

Ø Eyepiece :Standard configuration: 10X /20mm, wide field of view, wide angle,high eyeshot.

Ø Trinocular Head :45 Inclined, 360 Rotatable, ±Diopter Adjustable, Interpupillary Adjustment 54-75mm

Ø Objective Lense: 0.7X-4.5X Continuous Zoom and Variable ratio of objective lens is 6.4:1

Ø Focus Bracket :The adjustable and lifting range of the focus bracket hand wheel

Ø Base Stand :Column

Ø Lighting :LED ring lamp

Ø Trinocular Interface :With three mesh pole and CTV, it can connect ordinary camera, digital camera.

Ø Camera Pixel :614 model, 14 million pixels or better.

Ø Camera Resolutions: 1920*1080 or better.

Ø Camera Frame Rate :60 Frame quick response without delay or better.

Ø Camera Function: Support photo/ video/ measurement/ storage

Ø Camera Interface HDMI+USB or better.

Ø Warranty Minimum 1 Year

Make : Ambitious/AVEN/OMAX/AmScope or equivalent

Ø Quantity: 1 No

ITEM NO.07**ILLUMINATED STAND MAGNIFIER**

Illuminated stand magnifier:The product will be used for SMD soldering/repairing work.

Technical Specifications :

Ø Rated Voltage (Ac): 230 Volt

Ø Rated Frequency :50 Hertz

Ø Lens Type Aspheric

Ø Power Cable Length:2 mtrs. Minimum.

Ø Lens Size (Inch) : 3 inch or vbetter.

Ø Clamping Range 40 millimetre.
Ø Arm Length (mm) 600-800 or better
Make:- SKY Electrotek,VARTECH,Catchex or equivalent.
Ø Warranty: Minimum 1 Year
Ø Quantity : 01 no

ITEM NO.08

ESD SAFE ELECTRONICS RE-WORK TABLE:

Technical Specifications as follows or better
Workstation structure made from 20 mm X 40 mm rectangular pipes of 18 gauge.
ESD Mat for table top with grounding cord.
Foot rest for user convenience
Table Size: Length 1200 mm Width 600mm or more (D)overall height 1500 mm or better.
With Tube light at the top. Instrument shell, Power supply panel / socket., Storage drawers etc.
Warranty: Minimum 1 year

ITEM NO.09

ESD SAFE CHAIR:

ESD safe chair suitable to work with ESD safe table mentioned at Item no 8. Quantity= 02 Nos.

GENERAL TERMS AND CONDITIONS :

1. Relevant and valid product dealership Authorization Letter from OEM/Principals for all the above product / packages must be attached.
2. Information brochures/Product relevant literatures/Product catalogue must be attached mentioning all asked specifications, clearly indicating the model quoted for as per tender specifications.
3. Warranty: standard warranty minimum for 1 year from the date of Commissioning of all the above lab equipment's.
4. Installation and Commissioning: Free of cost by vendor. Onsite training for 1 DAY
5. All T & C has to be matched and qualified with Technical Compliance letter from OEM/Principal/Authorized Distributor
6. The product should comply applicable Indian standards.

7. The firm should submit Manufacturer authorization.
8. The firm shall submit warranty certificate for the material supplied.

-

B) MINIMUM ELIGIBILITY CRITERIA

The following shall be the minimum eligibility criteria for selection of bidders:

1. Experience and past performance:

(a) For MSE/ Start-up Firm : Capability –Equipment & Manufacturing Facilities: The bidder should C apability to manufacture and supply of tendered item.

(b) For other firm –Experience and Past performance: The bidder firm may be Manufacturer/Proven supplier /Authorized dealer or distributor of tender item or bidder may participate with manufactur ing authorization form (issued by manufacturer of tendered item).

Note : Participating bidder needs to submit all related documents along with the bid.

2. Undertaking(s) and Declaration:

a) The bidder has to provide the undertaking that, “We M/s. (Name of the firm) have not been bla ck-listed/debarred for dealing with any Govt. Organization/ Public Sector Undertaking (PSU)/ Reput ed Organization in the Past”

b) The bidder has to provide the undertaking that “We M/s. (Name of the Firm) agree to withdraw all the deviations, if any, unconditionally and accept all the Terms and conditions of the document s including the technical specifications.”

c) The bidder has to provide the undertaking that, “We M/s. (Name of the Firm) have read and acc ept all the terms & conditions of GIT & GCC of the bid documents”.

d) Please Click the link for further details and submit the acceptance of GIT and GCC as per the lin ks:

<https://www.spmcil.com/spmcil/UploadDocument/GIT.pdf>

<https://www.spmcil.com/spmcil/UploadDocument/GCC.pdf>

3. Manufacturer’s Authorization Letter:

a) Wherever Authorized Distributors/Service providers are submitting the bid, Authorization 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.

4. The bidder shall submit offered product catalogue of participated Schedules.

Note :

1. Bidder to furnish stipulated documents support of fulfillment of qualifying criteria. Non submission or incomplete submission of documents may lead to rejection of offer.

2. BIDDER CAN QUOTE FOR INDIVIDUAL SCHEDULE OR ALL SCHEDULES.

C) Payment Terms:

(a) 100% Payment after successful supplied and acceptance by CNP will be made within 30 days and on production of all required documents by the supplier such as Invoice in Triplicate, Guarantee Certificate, If any, etc.

D) Liquidated damages clause: If the Supplier fails to delivery any or all of the goods or fail to perform the services within the time frame(s) incorporated in the contract, CNP-Nashik shall, without prejudice to other rights and remedies available to CNP-Nashik under the contract, deduct from the contract, price, as liquidated damages, a sum equivalent to the 0.5% of the delivered price of the delayed goods and/or services for each week delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10% of the delayed goods' or services' contract price(s). If LD is levied the GST applicable on the LD shall also be collected from the firm.

3. Forms of EMD and PBG

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

CURRENCY NOTE PRESS, A UNIT OF SPMCIL
payable at
NASHIK

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.

4. Forms of EMD and PBG

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C

CURRENCY NOTE PRESS, A UNIT OF SPMCIL, NASHIK

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

5. Forms of EMD and PBG

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

CURRENCY NOTE PRESS, A UNIT OF SPMCIL
payable at
NASHIK

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

6. **Forms of EMD and PBG**

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

CURRENCY NOTE PRESS, A UNIT OF SPMCIL

Account No.

201003551111

IFSC Code

INDB0001451

Bank Name

INDUSIND BANK

Branch address

ASHOKA MARG, NASHIK

. Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

7. **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

CURRENCY NOTE PRESS, A UNIT OF SPMCIL

payable at

NASHIK

. 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.

8. **Forms of EMD and PBG**

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

CURRENCY NOTE PRESS, A UNIT OF SPMCIL, NASHIK

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

9. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name

CURRENCY NOTE PRESS, A UNIT OF SPMCIL

Account No.

201003551111

IFSC Code

INDB0001451

Bank Name

INDUSIND BANK

Branch address

ASHOKA MARG, NASHIK

. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

10. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

CURRENCY NOTE PRESS
JAIL ROAD
NASHIK ROAD
NASHIK
101
.

11. 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.

12. Warranty

Warranty period of the supplied products shall be 1 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.

13. Service & Support

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

14. Generic

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

15. Service & Support

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

16. Generic

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

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.

All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws 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. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.

[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---