



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2024/B/5067273  
Dated/दिनांक : 24-06-2024

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	23-07-2024 15:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	23-07-2024 15:30:00
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
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Procurement of Potentiometric Auto Titrator for Assay Department at India Government Mint, Kolkata
MSE Exemption for Years Of Experience/अनुभव के वर्षों से एमएसई छूट/ and Turnover/टर्नओवर के लिए एमएसई को छूट प्राप्त है	Yes
Startup Exemption for Years Of Experience/अनुभव के वर्षों से स्टार्टअप छूट/ and Turnover/ टर्नओवर के लिए स्टार्टअप को छूट प्राप्त है	Yes
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Certificate (Requested in ATC),Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (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
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	7 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No

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

Total value wise evaluation

**EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक

State Bank of India

EMD Amount/ईएमडी राशि

50000

**ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक

State Bank of India

ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)

5.00

Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).

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(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 दस्तावेज़ 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). 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 :**

S P M CORPORATION OF INDIA LTD

PAYABLE AT KOLKATA

(S P M Corporation Of India Ltd)

**Splitting/विभाजन**

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

**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता

Yes

**MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता

Yes

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

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

3. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

4. Purchase preference 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.

5. 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.

## **Procurement Of Potentiometric Auto Titrator For Assay Department At India Government Mint, Kolkata ( 1 set )**

**(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**

Buyer Specification  
Document/क्रेता विशिष्टि दस्तावेज़

[Download](#)

**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	Pravin Kumar	700053,India Govt Mint, Alipore Kolkata , West Bengal	1	70

**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. 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.

**3. Forms of EMD and PBG**

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

S P M Corporation of India Limited  
payable at  
KOLKATA

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 (Name of the Buyer). 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

S P M Corporation of India Limited  
payable at  
KOLKATA

. 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

S P M Corporation of India Limited  
Account No.  
40721855110  
IFSC Code  
SBIN0000205  
Bank Name  
State Bank of India  
Branch address  
New Alipore, Kolkata

. 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

S P M Corporation of India Limited  
payable at  
KOLKATA

. 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

S P M Corporation of India Limited  
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

S P M Corporation of India Limited  
Account No.  
40721855110  
IFSC Code  
SBIN0000205  
Bank Name  
State Bank of India  
Branch address  
New Alipore, Kolkata

. 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. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

##### **1. Terms and Conditions:**

Guidelines of SPMCIL Procurement Manual Version 3.0 will be applicable to this bid at any stage to avoid any conflict at later stage. Kindly refer GIT and GCC of SPMCIL Procurement Manual Version 3.0 for additional terms and conditions as per the links given below:

General Instruction to Tenderer (GIT): <https://igmkolkata.spmcil.com/wp-content/uploads/2024/05/GIT-NEW.pdf>

General Conditions of Contract (GCC): <https://igmkolkata.spmcil.com/wp-content/uploads/2024/05/GCC-NEW.pdf>

##### **2. Delivery Period:**

a) Supply, installation, training, commissioning & Final Acceptance Test (FAT) to be completed within **10 (ten) weeks** from the issuance of contract.

b) The bidder is responsible for delivering the material and duly unloading the same at the General Store of India Government Mint, Kolkata after taking necessary security clearance from CISF at the main gate of India Government Mint, Kolkata by showing the driving licence, vehicle registration etc. and necessary documents like invoice, delivery challan, copy of Purchase Order, e-way bill, bank details in company letter head duly sealed & signed etc. are to be handed over to Store-in-charge.

##### **3. Terms and Mode of payments:**

100% on successful supply, installation, training & commissioning of the item at user department of IGMK and issuance of Final Acceptance Certificate (FAC) by India Government Mint, Kolkata.

##### **4. Warranty:**

(a) The supplier warrants that the goods supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by India Govt. Mint, Kolkata in the contract. The supplier 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 specification of India Govt. Mint, Kolkata) or workmanship or from any act or omission of the supplier, that may develop under normal use of the supplied goods under the conditions prevailing in India.

(b) The goods along with all accessories supplied & installed under this contract shall be warranted against any type of defects arising due to design, faulty material, workmanship, poor packing and damage during transportation and unloading/shifting/lifting, storage and for trouble free operation.

(c) The Warranty shall remain valid for a period of **One (1) Year** from the date of final acceptance certificate (FAC) issued by India Government Mint, Kolkata and shall include repairing and replacing of defective parts, workmanship and services, required operational and maintenance support services at free of cost, which are essentially required to put the entire machine in normal operation.

(d) In case of any claim arising out of this warranty, India Govt. Mint shall promptly notify the same in writing to the supplier.

(e) Upon receipt of such notice, the supplier shall, with all reasonable speed and time, repair or replace the defective goods free of cost, at the ultimate destination. The supplier shall take over the replaced goods after providing their replacements and no claim, whatsoever shall lie on India Govt. Mint, Kolkata for such replaced goods thereafter.

(f) In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/ replaced goods shall be extended to a further period of twelve months from the date such rectified / replaced goods starts functioning to the satisfaction of India Govt. Mint, Kolkata.

(g) If the supplier, having been notified, fails to rectify/ replace the defect(s) within a delivery period, India Govt. Mint, Kolkata may proceed to take such remedial action(s) as deemed fit by India Govt. Mint,

Kolkata at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which India Govt. Mint, Kolkata may have against the supplier.

#### **5. Transportation of Domestic Goods:**

To be borne by the supplier duly unloaded at the General store of India Govt. Mint, Kolkata.

#### **6. Packing:**

Goods should be suitably packed. The packing should be weather proof and should be made water proof to prevent damage during transit. The supplier will also be responsible for unloading and stacking at India Government Mint, Kolkata Store as per instruction of competent authority.

#### **7. Insurance:**

The supplier shall make arrangements for insuring the goods against loss or damage, incidental to manufacture or acquisition, transportation, storage and delivery. The Supplier shall be responsible till the entire goods contracted for arrive in good condition at destination. The transit risk in this respect shall be covered by the supplier by getting the goods duly insured. The insurance cover shall be obtained by the supplier in its own name not in the name of India Government Mint, Kolkata or its consignee. For details please refer to clause 12 of General Conditions of Contract (GCC).

#### **8. Quantum of LD:**

If the supplier fails to deliver any or all of the machines or fails to perform the services within the time frame(s) incorporated in the contract (for both with respect to delivery of machine as well as Installation, commission, training and Final Acceptance Test (FAT) as mentioned in delivery schedule), India Govt. Mint, Kolkata shall, without prejudice to other rights and remedies available to India Govt. Mint, Kolkata 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 machines and/ or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10% of the delayed machines' or services' contract price(s).

**9.** The total cost inclusive of all as cited above on FOR India Govt. Mint, Kolkata (W.B) basis should be indicated clearly both in words and figures in the price bid.

**10.** Documentary evidence to be submitted towards PAN & GST Registration Certificate.

#### **11. Upload Manufacturer Authorization:**

The participating bidder must submit Manufacturers Authorisation Form (MAF)/Certificate along with the bid in the format provided in Annexure- II under Technical Specification document.

**12.** Participating Bidder must submit sealed and signed copy of entire GeM bid document including the Technical Specification. Also the participating bidder must submit sealed & signed Annexure II in their letter head & checklist attached under Technical Specification.

**13.** All the supporting documents submitted along with this bid should be signed and sealed by the authorized signatory of the firm mandatorily. The bid document shall not contain any erasure or overwriting, except as necessary to correct any error made by the tenderer and, if there is any such correction; the same shall be initialled by the person(s) signing the tender.

**14.** The supplier has to provide GeM invoice during submission of bill for payment.

#### **15. Price Schedule:**

While quoting the price through GeM portal, the detailed price breakup along with GST percentage must be mentioned and attached as pdf in the document attachment option of price bid mandatorily. Do not upload financial documents related to financial standings like audited balance sheets in the document attachment field of price bid, attach only the detailed price breakup of the quotation as mentioned above. Detailed price breakup of the quotation must be in the format as attached in the end of this bid document.

Price to be mentioned only in price bid, not in Techno commercial bid or any other place. If it is mentioned any other part other than price bid, the offer will be rejected.

#### **16. Qualification/ Eligibility Criteria**

The bidder firm should meet following eligibility criteria to qualify:-

**(a) For MSE/Start-up firm: Capability - Equipment & Manufacturing Facilities:** The bidder firm should have capability to manufacture and supply of **Potentiometric Auto Titrator**

**(b) For other firm - Experience and past performance:** The bidder firm may be Manufacturer/Proven supplier/Authorized dealer or distributor of **Potentiometric Auto Titrator** or bidder may participate with manufacturing authorization form (issued by manufacturer of tendered item).

**Note:**

(i) Participating bidder needs to submit all related documents along with the bid.

(ii) In support of Experience & Past Performance copy of supply/ work order; respective completion certificate and contact details of clients (previous buyer of the items) to be enclosed along with the tender.

(iii) All copy of supply/ work order; respective completion certificate and contact details of clients: in support of experience, past performance should be authenticated by the by the person authorized to sign the tender on behalf of the bidder.

(iv) In support of the Capability, the bidder has to submit copy of supporting documents i.e. Details of equipment and manufacturing facilities, engineers/managers details, number of skilled labors available with the firm, etc.

(v) For verifying the capability/capacity, India Government Mint, Kolkata reserves the right to depute its authorised representatives at the worksites of the bidder. In the event, the firm is found not having capability /capacity, their offer is liable to be rejected.

**17. MSME & Make in India Status:**

In case any bidder is submitting their bid as MSME and/or MII, the firm must be registered as a MSME & MII in GeM portal and Self-declaration along with documentary evidence in this regard must be submitted declaring that their MSME & MII status is updated in GeM portal also. In further evaluation stage if it is found that the firm is not registered as MSME and/or MII in GeM, but MSME certificate and/or MII declaration is submitted along with the bid, no exemption will be given and their offer may be rejected.

**18. Price Preference for MSE:**

Being a Non-Split-able or non-dividable bid, the MSE quoting price within price band L1 + 15% will be awarded full/complete supply of total tendered value provided they agree to match the L1 price, considering spirit of policy for enhancing the Govt. procurement from MSE.

**19. Eligible Goods and Services (Origin of Goods & Services):**

(i) All goods and services to be supplied and provided for the contract shall have the origin in India or in the countries with which the Government of India has trade relations.

(ii) The word "origin" incorporated in this clause means the place from where the goods are mines, cultivated, grown, manufactured, produced or processed or from where the goods & service are arranged.

**20. Special Condition:** Supplier should file the returns pertaining to TCS (Section 206C (1H) for TCS collected, in the time and provide the TCS certificate to IGMK. In case of any Credit loss to IGMK by way of their failure to file Returns and provide TCS certificate in time, India Government Mint, Kolkata reserves the right to recover the amount equivalent to TCS paid along with applicable interest from the payment of further supplies.

**21. GST Return:**

Supplier should file the GST return for outward supplies in time. In case of any loss to India Government Mint, Kolkata by way of their failure to file GST Returns in time India Government Mint, Kolkata reserves the right to withhold the payment of further supplies till production of evidence. Any liability which will occurred on account of non-compliance of e-way bill, GST provision or any other applicable law will be borne by supplier.

**22. Consignee:**

Chief General Manager, India Government Mint, Alipore, Kolkata, West Bengal, Pin - 700053.

**On the consignment please mention the following details:**



**Order No :**

**Packing No :**

**Net Weight :**

**Gross Weight :**

**23. Resolution of Disputes:**

If dispute or difference of any kind shall arise between India Government Mint, Kolkata and the supplier in connection with or relating the contract, the parties shall make every effort to resolve the same amicably by mutual consultations. If the parties fail to resolve their dispute or difference by such mutual consultation within 21 days of its occurrence, then, depending on the position of the case, either the purchaser or the supplier shall give notice to the other party of its intention to commence arbitration. When the contract is with domestic supplier, the applicable arbitration procedure will be as per Indian Arbitration and Conciliation Act, 1996 as amended by Arbitration and Conciliation (Amendment) Act, 2015 and 2021. Mode of settlement of such contractual disputes/ differences shall be through Arbitration, to the India International Arbitration Centre.

**24. Risk Purchase Clause:**

(a) If the supplier after submission of tender and due acceptance of the same, i.e. after notification of award of contract fails to abide by the terms and conditions of these tender documents, or fails to supply the deliverables as per delivery schedule given or at any time repudiates the contract, the purchaser shall have the right to:

(i) Invoke the Security-cum-Performance Guarantee if deposited by the supplier and procure stores from other agencies at the risk and consequence of the supplier. The cost difference between the alternative arrangement and supplier tendered value will be recovered from the supplier.

(b) Supplier has to abide by all the terms and conditions of tender.

(c) In case of procurement through alternative sources and if procurement price is lower, no benefit on this account will be passed on to the supplier.

**25. Quality Control Requirements:**

Quality of Goods: Free from all technical defects, in compliance with our Technical Specification

i) Goods/Service supplied not in conformity with tender specification will be treated as goods/service not supplied at all and supplier shall take supplied material not conforming to order specification back within 15 days. Goods/service shall be delivered by the supplier in accordance with the terms and conditions specified in the contract failing which expenses of keeping goods at purchaser's premises may be levied on supplier.

ii) Delivery date will be calculated from the date goods/services are received in acceptable quality in accordance with technical specification.

**26.** All safety and security of the workmen is the sole responsibility of the awarded firm itself and in case of any unwanted incidents India Government Mint, Kolkata authorities would not be liable under any circumstances.

**27. Disclaimer:**

The issue of this Bid Document does not imply that the Purchaser is bound to select Bidder(s) and the Purchaser reserves the right to reject all or any of the Bidders or Bids or to decide to drop the procurement process at any stage without assigning any reason.

**28. The bidder has to submit documents as per following Check list as given below along with the Technical bid documents without fail:**

1	Entire Tender Document Duly Seal & Signed on every page including technical specification as an acceptance of all terms & conditions of the tender
2	Submitted the documents as per Qualification / Eligibility criteria as per Clause 16 of awarded bid specific ATC
3	Documentary evidence towards PAN & GST Registration Certificate

4	Sealed & Signed Declaration (Annexure -III attached in technical specification)
5	Proof of EMD(scanned copy) as applicable or any valid exemption certificate
6	Documentary/undertaking against Make in India Status i.e. being a Class I/ Class II supplier with details of percentage
7	Submit filled, signed & sealed copy of Manufacturer's Authorization Form as per format attached at the end of this bid document (Annexure - II)

**\*FOR ANY OTHER QUERIES, FIRMS MAY CONTACT IN THE BELOW DETAILS:**

**Ph. No. 033 - 2401 4132,33,34,35, (Extension 336/ 319/ 326);**

**Email: [purchase.igmk@spmcil.com](mailto:purchase.igmk@spmcil.com)**

#### 11. Buyer Added Bid Specific ATC

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

### **Disclaimer/अस्वीकरण**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the

case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।

**---Thank You/धन्यवाद---**

## **Procurement of Potentiometric Auto Titrator for Assay Department at India Government Mint, Kolkata**

### **Scope of Supply: -**

Scope of the indent covers supply, installation, commissioning & training of Potentiometric Auto Titrator to perform various analyses by Volumetric method as well as Silver Assay by Potentiometric method as per the BIS guidelines and specifications given below:

- a) Potentiometric Auto Titrator with Auto sampler - 01 complete set - comprising of titration unit, control unit, 10 ml burette /syringe or as required, necessary connector, pH combination electrode, auto sampler of min. 9 samples, stand for mounting all items, reaction beakers, Instruction and Operation manuals.
- b) Compatible Computer with LaserJet Printer – 01 Set
- c) All the necessary Spare Parts and consumables required for smooth and trouble free operation of the instrument for at least one year should be supplied by the Firm.
- d) List of Essential Documents should be supplied with the instrument:
  - i) Bill of Materials and detailed list of parts and accessories,
  - ii) List of Spare parts required for at least five years of smooth operation,
  - iii) Two sets of Operational Manual (Start, Shut down & detail routine operation procedures) and Two Sets of Maintenance Manual (maintenance techniques along with troubleshooting processes).

### **Technical Specifications of the Potentiometric Auto Titrator:-**

**a) Principle of Operation:** Volume determination by equivalence point and end point. System should be microprocessor based, both automatic & PC controlled, must be capable to perform Argentimetric titration i.e. Potentiometric Silver Assay as per IS2113:2019 (Reaffirmed) of BIS and also Acid-Base, Redox, Complexometric titrations.

**b) Instrument details:** Microprocessor controlled titration unit (vortex type) and control unit and shall also comprise the following: 10 ml burette with tubing or as required, connectors & Teflon coated valves, Temperature sensor, Moisture filter, Glass dispensing tip, 150 ml. Glass/PP beaker or as required, Stand for mounting all above items, Electrode for aqueous titration – pH combination.

**c) Accessories:** Each automatic titrator shall be accompanied with the following accessories: Electrode pH glass body combination Electrode, for argentimetric/precipitation titration – silver pin combination Electrode, for redox titration – Platinum pin Combination Electrode, for complexometric titration – silver pin combination glass with amalgamation, Colour Laser printer compatible with the offered auto titrator.

**d) Combined functionality:** Offered auto titrator must have functionality for determination of pH and for performing aqueous titration, redox titration, argentimetric for silver assay / precipitation titration, complexometric titration.

**e) mV range:**  $\pm 2000\text{mV}$  or higher.

**f) Accuracy:**  $\pm 0.1\text{mV}$  or Better.

**g) Polarized sensor range:** 0 to  $\pm 2000$  mV or better.

**h) Polarized sensor resolution:** 0.10 mV or better.

**i) Burette resolution:** 1/20000 for 10ml burette i.e. 0.5 $\mu$ L or better

**j) Burette volume:** Burettes volume of 1ml, 5ml, 10ml and 20ml should be available and calibrated according to ISO 8655-3.

**k) Multiple burettes connectivity:** Instrument should have possibility to connect multiple titrating burettes for different types of titrations and dosing purpose.

**l) pH Resolution:** 0.001pH or better.

**m) Temp. accuracy:** + 0.10C

**n) Amplifier Input Impedance:** 10-12 Ohms or better.

**o) End point detection:** Potentiometric and Voltametric.

**p) Stirrer System:** Microcontroller based vortex stirrer (inbuilt magnetic stirrer or Propeller stirrer) with digital indication to achieve variable speed and high torque.

**q) Auto Sampler:** Instrument should be provided with suitable auto sampler for efficient automation. It should be simply connected to the titrator and analysis of minimum 9 samples of beaker volume 100 mL or better [to be provided according to the requirement of IS2113:2019 (Reaffirmed)] should be performed automatically.

**r) Electrode:** Suitable electrode for Argentometric titration should be provided with the instrument. Instrument should have plug and play Electrode which should have pop-up when not connected, before starting analysis.

**s) Cut-off criteria:** Volume, pH/mV and endpoint.

**t) Special features:** Auto titrator should perform fast, reliable, and reproducible automated titrations, Auto titrator should have a feature to leave unattended in running condition until titration is completed, Instrument should have to be Artificial Intelligence (AI) supported, which can detect suitable electrode and burette has been connected as per the specified method or not, if not found titration should not start and give pop up for guidance, also before or after titration automatic enquiry of Sample Size, Sample ID & etc. should be requested, Auto titrator should have minimized downtime with easily replaceable burettes, tubing, and dispensers, System should have compatibility for Imported as well as Indian electrodes.

**u) Future upgradation facility:** Instrument should have capability to upgrade and perform Coulometric and Volumetric KF titration as in when required in future.

**v) Display:** 7" TFT touch screen display with a resolution of 800 x 480 pixel (min.).

**w) Display features:** The display should clearly show online graph of titration trend and also the status of burette filling & dispensing.

**x) Methods:** Instrument should have built-in Standard Method(s) for Argentometric Titration (i.e. IS2113:2019 Reaffirmed) and Max. number of methods should be 120 or better.

**y) Report format:** The auto titrator should generate following reports:

- (1) Parameters and results,
- (2) Data table for mV, pH, mV/ml, 2nd derivative and volume ( $\mu\text{L}$ ),
- (3) Graphical report for mV v/s  $\mu\text{L}$  titration curve,
- (4) Graphical report for 1st derivative graph v/s  $\mu\text{L}$  titration curve,
- (5) Graphical report for 2nd derivative,
- (6) Report of method parameters for at least 50 methods.

**z) Data:** Data acquisition rate should be 100ms, Instrument should have possibility to collect at least 1000 data points per titrations, the system shall have following features – Data entry to the auto titrator, viz., name, titrant name and other tags shall have time stamp to comply GLP & GMP norms, Provision for data backup, Provision to generate reports in PDF format, provision to import data in MS-Excel sheets.

**aa) Status Light Indicator facility:** Instrument should have LED status light for various operation and notification (Red, Orange, Green) to minimize error in analysis.

**bb) Memory:** Auto titrator should have minimum 50 Method storage capacity with Password Protection & 10 readymade methods for routine titrations, should have memory to store at least 1000 titration data sets with date/time stamp, transferable to printer, computer, or USB drive.

**cc) Ports and connectivity:** Serial port for balance connection and RS-232, USB, Network port for other peripherals.

**dd) Power Supply:** 230 + 10 VAC, 50-60 Hz or as per the compatibility of the instrument.

#### **General Requirements: -**

**(A) Erection & Commissioning:** The Supplier shall arrange for the Supply, Installation, Commissioning and successful demonstration for functioning of the Instrument at the IGMK site.

**(B) Technology/Model:** Tenderer should confirm the offered Technology mentioning the technical specification of similar type was supplied and successfully working for the similar application in any Govt. / Public sector/Reputed Private sectors for minimum 5 years. Supporting Document detailing the configuration should be provided. IGMK reserves the right to verify the quality of the plant supplied by the vendor and reject the offer based on the feedback from the customer.

**(C) Pre-dispatch Inspection:** Supplier shall arrange for a pre-dispatch inspection at the factory/ manufacturing site for at least two (02) officials of IGMK.

**(D) Final Acceptance Test (FAT):** Upon successful completion of Supply, Installation & Commissioning work of the instrument at the purchaser premise; purchaser will run the machine in presence of supplier's staff/engineer. The FAT will be carried out for a period of 3 full working days (A full working day means 8 hrs. in a single shift).

**(E) Training at IGMK's site:** Training to the Mint personnel will be given by the Service Engineer of the Supplier for 5 full working days. Training must cover electrical maintenance, mechanical maintenance and operational activities and others additional necessary topics.

## Manufacturer's Authorization Form

To

India Government Mint, Kolkata  
A unit of Security Printing &  
Minting Corporation of India  
Limited  
(Wholly owned by Govt. of India)

Ref. Your Tender document No....., dated .....

Dear Sirs,

We, ....., who are proven and reputable manufacturers of ..... (*name and description of the goods offered in the tender*) having factories at....., hereby authorize Messrs..... (*name and address of the agent*) to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.

We further confirm that no supplier or firm or individual other than Messrs.

..... (*name and address of the above agent*) is authorized to submit a tender, process the same further and enter into a contract with you against your requirement as contained in the above referred tender enquiry documents for the above goods manufactured by us.

We also hereby extend our full warranty, as applicable as per clause 16 of the General Conditions of Contract read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this tender document.

Yours faithfully,

.....  
.....

[Signature with date, name, and designation]  
for and on behalf of Messrs.....

[Name & address of the manufacturers]

*Note: This letter of authorization should be on the letter head of the manufacturing firm and should be signed by a person competent and having the power of attorney to legally bind the manufacturer.*

**GeM Bid Document No. : .....dated. ....  
(To be submitted on the letter head of the bidder)**

**DECLARATION**

We do hereby declare that,

1. We have not been blacklisted/ debarred by BNPMIPL/BRBNMPL/SPMCIL or any Govt. Departments for participation in tenders. The information provided above is correct and true to the best of my knowledge and belief.
2. We do hereby declare that we have read and understood all terms and conditions of tender document including Technical Specification, Quality Control Criteria and Buyer added ATC and confirm to abide to those conditions without any counter conditions.
3. "We are accepting all the terms and conditions of the tender document without any deviations"
4. We do accept all the terms and conditions of GIT & GCC link given in buyer added bid specific ATC without any deviation.

Signature .....

Name .....

Designation .....

Date .....

Stamp of the Organization .....



**IMPORTANT**

Before submission of Tender, please fill up & submit the following points in your company letter head duly sealed & signed.

We have submitted following documents:

1. Entire GeM Bid document duly sealed & signed every page (including Annexure I to Annexure IV duly filled sealed and signed)
2. Proof of EMD (scanned copy) as applicable or any exemption certificate. Bidders who are not manufacturers and participating as traders for the subject item have to submit EMD. Exemption of EMD is not applicable to such bidders.
3. Documentary evidence towards PAN & GST Registration Certificate duly sealed and signed.
4. Documentary/undertaking against Make in India Status i.e: being a Class I/Class II Supplier with details of Percentage
5. The firms participating as MSE/NSIC/DIC/Start-up India Campaign, needs to enclose certificates containing validity.
6. If participating as MSME, then please mention Category of MSME Firm: SC/ST/GEN. Owner of the company Male/Female.
7. For other firms, Copies of Purchase Orders & their Completion Certificates for Experience & Past Performance to be submitted.
8. Relevant Documents (i.e: details of equipment and manufacturing facilities, engineers/managers details, number of skilled labors available, Purchase Orders & their Completion Certificates, SOP of Manufacturing Process etc.) for Capability
9. We have quoted price only in Price Bid and not in Techno-commercial Bid.

**Note:**

**The above document must be enclosed otherwise tender will be rejected.**

## **PRICE SCHEDULE**

### **1. Potentiometric Auto Titrator (As details mentioned in Technical Specifications)**

Quantity: 1 Number

(Supply, Installation, Commissioning & Training of machine to be done at India Government Mint, Kolkata)

Basic Price/ 1 Number:

Other Charges (If any):

GST/ 1 Number:

Total Price including all for 1 Numbers on FOR basis at India Government Mint, Kolkata:

Total Price including all for 1 Numbers on FOR basis at India Government Mint, Kolkata in words:

Abbreviation "FOR" Free on Rail (i.e: Landed cost to the India Govt. Mint, Kolkata inclusive of all taxes & duties), "IGM" India Govt. Mint.

NOTE :

1. L1 firm will be declared from valid offers only those who submitted offer as per specification & as per all terms & condition of the tender. If there is any deviation in specification & if the offer is not found as per terms & condition of the tender, their offer will be treated as invalid/unresponsive offer.

2. Price to be mentioned only in price bid not in Techno commercial bid or any other place. If it is mentioned any other part other than price bid, the offer will be rejected.