

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	23-06-2025 11:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	23-06-2025 11:30:00
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	buyer81.spmcils.ts@gembuyer.in
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Silver Refining Plant
GeMARPTS में खोजी गई स्ट्रिंग / Searched Strings used in GeMARPTS	Silver Refining Plant
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Silver sulfate, Silver chloride, Silver Coins, Plant Growth Chamber, SILVER SULPHADIAZINE CREAM, Brass Band Bugles, Silver Hydrogen peroxide disinfectant, Silver Filigree from Cuttack - ODOP, Plastics Bib Taps Pillar Taps Angle Valves and Stop Valves as per IS 9763:2000 (Latest), EFFLUENT TREATMENT PLANT
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> Silver chloride
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	112 Lakh (s)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	112 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	3 Year (s)

Bid Details/बिड विवरण	
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	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	No
Past Performance/विगत प्रदर्शन	80 %
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	3 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Arbitration Clause	No
Mediation Clause	No

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	Indusind bank
EMD Amount/ईएमडी राशि	500000

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).	16

(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 :

Chief General Manager

India Government Mint, Hyderabad P.B. NO: 10, IDA PHASE-II, Cherlapally, (R.R district), Hyderabad, Telangana Pin-500051, India. E-Mail: purchase.igmh@spmcl.com; Phone: 040-27268300, EXT: 117/122

(India Government Mint, Hyderabad)

MII Purchase Preference/एमआईआई खरीद वरीयता

<div> <div>MII Purchase Preference/एमआईआई खरीद वरीयता</div> <div>Yes</div> </div>

MSE Purchase Preference/एमएसई खरीद वरीयता

<div> <div>MSE Purchase Preference/एमएसई खरीद वरीयता</div> <div>Yes</div> </div>
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1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover, shall upload the supporting documents to prove his eligibility for exemption.
3. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
4. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover shall upload the supporting documents to prove his eligibility for exemption.
5. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
6. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity

during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

7. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

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

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

9. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

10. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% 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.

Silver Refining Plant (1 set)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/कमशः 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
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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	Sumanta Goswami	500051,India Govt Mint, IDA, Phase-II Cherlapally, (R.R district) Hyderabad , Telangana	1	60

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**1. Generic**

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

India Government Mint, Hyderabad,
IDA Phase-II, Cherlapally,
Hyderabad (R.R district),
Telangana, Pin-500051,
India. Phone: 040-27268300 (EXT: 117/122)

2. Generic

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

3. Generic

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

4. 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.

5. Generic

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

6. Generic

Manufacturer Authorization:Wherever Authorised Distributors/service providers are submitting the bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

7. Generic

Scope of supply includes Training: Number of employees to be trained

10

, Place for Training

India Government Mint, Hyderabad,

and Duration of training

5

days.

8. **Generic**

Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.

9. **Generic**

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

10. **Generic**

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

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

11. **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.

12. **Inspection**

Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER): Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.

When there is requirement of submission the advance sample, the seller shall inform the buyer promptly through emails about the date of submission of sample to the buyer nominated Inspection agency.

13. **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.

14. **Forms of EMD and PBG**

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

India Government Mint, Hyderabad (A Unit of SPMCIL)
payable at
Hyderabad

. 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.

15. **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

India Government Mint, Hyderabad (A Unit of SPMCIL)
. 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

16. **Forms of EMD and PBG**

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

India Government Mint, Hyderabad (A Unit of SPMCIL)
payable at
Hyderabad

. 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.

17. **Forms of EMD and PBG**

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

INDIA GOVERNMENT MINT (A UNIT OF SPMCIL) -COLLECTION A/C
Account No.
201003484303
IFSC Code
INDB00000004
Bank Name
INDUSIND BANK
Branch address
0004 - HYDERABAD

. 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.

18. **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

India Government Mint, Hyderabad (A Unit of SPMCIL)
payable at
Hyderabad

. 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.

19. **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

India Government Mint, Hyderabad (A Unit of SPMCIL)
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.

20. **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

INDIA GOVERNMENT MINT (A UNIT OF SPMCIL) -COLLECTION A/C
Account No.
201003484303
IFSC Code
INDB0000004
Bank Name
INDUSIND BANK
Branch address
0004 - HYDERABAD

. 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.

21. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

I. TECHNICAL SPECIFICATIONS FOR SILVER REFINING PLANT:

Scope of Supply:

<u>Sl. No</u>	<u>Item Descriptions</u>	<u>Quantity</u>
1)	Reactor Units	2 units
2)	Acid Storage Tanks	2 sets
3)	Tubbing Cooling Co ndenser-	4 sets
4)	Precipitation Unit	2 sets
5)	Freezing Scrubber u nits	4 sets

6)	Complete Scrubbing Unit	As per requirement for Zero Emission of toxic fumes
7)	Filtration Units Liquid	2 Sets
8)	Filtration Units Powder	2 Sets
9)	Hydraulic Pressing Machine	2 sets
10)	Settling Tanks	3 nos.
11)	Chiller Unit	1 set
12)	Copper Recovery Unit	2 sets
13)	Effluent Treatment Plant (ETP)	1 set
14)	Copper Filtration Unit-	3 sets
15)	Control Panel System	As per requirement
16)	Machine Structures	As per requirement
17)	Chemical Transfer Pumps	6 nos.
18)	Other Accessories	As required for successful installation & commissioning
19)	Chemicals & Consumables	As required for F.A.T

Technical Specifications:

I. General Specifications:

- a. The complete plant shall be liable of refining of silver with input purity $\geq 20\%$ to output purity $\geq 99.5\%$.
- b. The plant shall be consisting of one reactor unit with capacity to process 300 Kg of impure silver and another one of same capacity of 300 Kg of impure silver will remain as stand by.
- c. The feed shape and size of the input impure silver alloys are rectangular ingots of 2-3 Kg weight and granules of 5-10 mm thickness.
- d. The complete plant must be able to process 300 Kg of input silver alloys at a time. Output quantity will be proportionate to the input purity i.e. fine weight of silver present in the silver alloy. The reactor of same capacity will be kept as standby.
- e. The plant must be equipped with Zero Emission Scrubbing System for arresting toxic fumes like NO_x from both the reactors.

- f. The minimum processing capacity will be 50Kg of impure silver alloys in the reactors including the spare one.
- g. Electrical specifications: 440V - 50 Hz three phase AC.

II. Reactor Units:

- a. The two reactor units must be made up of Stainless Steel (SS 316) of suitable thickness (min 4 mm).
- b. Each reactor must have the capacity of processing of 300 Kg of input silver alloys separately.
- c. The reactors must be equipped with proper air & chemical inlet lines and a suitable drainage facility with suitable valves.
- d. Each reactor must be equipped with suitable acid resistant agitator or stirring mechanism as per capacity.

III. Acid Storage Tanks:

- a. The tanks must be made up of Stainless Steel (SS 316) of suitable thickness (min 4 mm).
- b. The tanks must have the capacity of min. 700 litres.
- c. The tanks must be equipped with proper chemical inlet lines and a suitable drainage facility with suitable valve.

IV. Precipitation units:

- a. The tanks must be made of Stainless Steel (SS 316) of suitable thickness (min 4 mm).
- b. The tanks must have the capacity of processing min 200 Kg of fine silver.
- c. The tanks must be equipped with proper tilting gear box with stand and structure and stirring assembly.
- d. Minimum volume required 800 litres or as designed for processing 200Kg. of Silver at a time.

V. Filtration Unit for liquids:

- a. The movable filtration unit must be equipped with proper filtration tray with nets or suitable mechanism as designed.
- b. The filtration unit must be made up of PP FRP or any acid resistant suitable material as designed and must be consisting transfer pump and drainage valve.
- c. Filtration Unit capacity must be min. 300 litres.

VI. Filtration Unit for Powders:

- a. The movable filtration unit must be equipped with proper filtration tray with nets or suitable mechanism as designed.

- b. The filtration unit must be made up of PP FRP or any suitable material as designed and must be consisting transfer pump and drainage valve.
- c. Filtration Unit capacity must be min. 300 litres.

VII. Hydraulic Auto Press Machine:

- a. The machine must be made up of SS 316.
- b. Suitable for pressing minimum 10Kg pure silver powder to make a lump at a time for ready to melting,
- c. Lump Diameter must be max. 5 inches,
- d. The load capacity of the pressing machine must be min. 28 ton.

VIII. Settling Tanks:

- a. The tanks must be made up of PP-FRP (Polypropylene with Fiber Reinforced Plastic) of capacity min 5000 Litres.
- b. The tanks must be equipped with proper inlets /drainage system with valve and bubbling system.

IX. Chiller Unit:

- a. The unit must have freezing capacity of min. 700 litres and water capacity of min. 300 litres.
- b. The chiller must be equipped with a Stainless Steel circulation pump of min. 1 HP.

X. Copper Recovery Unit:

- a. The unit must be made of SS 316 of suitable thickness (minimum 4 mm)
- b. The unit must be consisting SS Tumbler of capacity 1500 litres with suitable charging and liquid drainage points.
- c. The unit must be equipped with rotation hydraulic gear box of capacity 5 - 7 ton with operating switch with tumbler rotation solid wheel attachment.
- d. Copper recovery unit processing capacity of min. 200 Kg at a time.

XI. Effluent Treatment Plant (ETP):

- a. Complete Effluent Treatment Plant must be capable of processing minimum 5000 litres or more.
- b. The ETP must be equipped with 1 reactor tank of suitable capacity and 2 nos. of settling tanks of suitable capacity for processing 5000 litres at a time.
- c. The settling tanks must be equipped with suitable drainage valves and suitable capacity sludge trays for collection sludge.

- d. The ETP must be consisting of suitable Hydraulic filter press machine of sufficient capacity for processing 5000 litres of treated effluent solution at a time.
- e. The final disposal of processed effluent must be drained through suitable filtration unit consisting of softener filter, carbon filter, sludge filter and filtration pumps etc.

XII. Fume Neutralization / Scrubbing Unit:

- a. At-least 2 stage, suitable capacity fume neutralization units must be there for complete absorption of toxic fumes e.g. NO_x from both the reactors. And zero toxic fumes emission as per environmental compliances.

XIII. Control Panel System:

- a. The plant must be completely controllable with the control panel system showing the vital process parameters.
- b. The plant must be consisting of Auto Dosing facility for chemical (acids) dosing.

XIV. TRAINING:

The supplier shall impart necessary training to the persons belonging to the Purchaser's organization for minimum 5 working days at IGMH site in the disciplines of :-

- i. Programming and operation - 6 persons
- ii. Electrical and electronic maintenance - 2 persons
- iii. Fluidics and Mechanical maintenance - 2 persons

XV. ERECTION AND COMMISSIONING:

The Supplier shall arrange for the erection, commissioning and successful demonstration for functioning of the plant with full utilities plant and accessories.

XVI. PRE-DISPATCH INSPECTION (PDI):

Supplier shall arrange for a Pre-Dispatch Inspection / DEMO of installation sequences for capacity verification of each accessory at the supplier's factory site for maximum 3 officials of IGMH for 2 days. The expenses towards travelling, boarding & lodging will be borne by IGMH. All the scope of specifications of the complete refining plants along with utilities shall be inspected during the PDI.

XVII. FINAL ACCEPTANCE TEST (FAT):

- a. The Final Acceptance Test must be conducted at IGMH site after successful installation and commissioning of the complete plant with all the utilities and accessories for 3 days.
- b. The plant should be running without any failures/ breakdown of plant/machine for the 3 days period of FAT.
- c. Each reactor of the plant shall be checked at its maximum capacity

of input silver i.e 300 Kg of purity of $\geq 60\%$ separately. Silver alloy will be provided by IGMH.

- d. The output purity of the refined silver must be ≥ 999.0 PPT during the FAT. During the FAT the total output of the plant must be calculated based on the input purity of the silver alloys i.e. in terms of the fine weight of the silver in silver alloys. (The provided Calculation Table may help to understand)

Description	Quantity of Silver alloy (Assumed)	Quantity of Silver alloy (Assumed)	Quantity of fine/virgin silver in Sl. no. 1 (Calculated)	Quantity of silver obtained after refining and melting (Assumed)	Purity of the refined silver found in Assay (Assumed)	Quantity of fine/virgin silver in Sl. no. 4 (Calculated)	Quantity of Silver loss (Kg) = Sl. no. 3 - Sl. no. 6	Percentage of process loss = (Sl. No.7 / Sl. No. 3) * 100%
S. No	1	2	3	4	5	6	7	8
Quantity	300Kg	60%	300 Kg x 60 % = 180 Kg	178.5Kg	99.93%	178.5 Kg x 99.93 % = 178.375 Kg	1.625Kg	0.903%
								Accepted

- e. The effective process loss for the complete process must not exceed 1.0 % in terms of Fine Contents of silver. For any loss more than 1.0% in terms of fine contents during the FAT, the plant will be rejected.
- f. During FAT trial all chemicals and consumables will be supplied by the firm at free of cost.

XVIII. OTHER TERMS & CONDITIONS:

- a. The firm must be responsible for complete unloading of the plant along with all the accessories and utilities plant at IGMH Stores and also for the movement of the of the same from stores to the place of installation.
- b. The supplier firm shall be the sole responsible for complete erection, installation & commissioning of the complete plant along with all the accessories and utilities plant at IGMH site as COMPLETE TURN-KEY PROJECT.
- c. The firm must provide Spares & Consumable List along with the quoted prices valid for 2 years. The same will not be considered for determining the L1 bidder.

II. ELIGIBILITY CRITERIA OR PRE- QUALIFICATION CRITERIA:

1. Experience & past performance:

The bidder (manufacturer or principal of authorized representative - hereinafter referred simply as 'The Bidder') shall be a manufacturer that has regularly for at least the last three years manufactured, supplied, erected, commissioned Silver Refining Plant with the same or higher specifications of at least one number in last five years ending on 31.03.2024. At least one number of the product offered for supply should be in successful operation for at least one year on the date of bid opening.

2. Capability Equipment & manufacturing Facilities:

The bidder must have an annual capacity to manufacture and supply at least one no of Silver Refining Plant with similar or higher.

3. Financial Standing:

- i. The average annual financial turnover of the bidder firm (manufacturer or principal of authorized dealer) during the last three years, ending on 31.03.2024, should be at Rs.112 Lakhs as per the annual report (audited balance sheet and profit & loss account) of the relevant period, duly authenticated by a Chartered Accountant/ Cost Accountant in India.
- ii. The net worth of the firm should not
 - a) be negative on 31.03.2024 and
 - b) have eroded by more than 30% in the last three years, ending on 31.03.2024.

NOTE:

1. Eligibility to participate as per Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/ revised) and Ministry of Finance, Department of Expenditure, Public Procurement Division's Orders (Public Procurement 1, 2 and 3) F.No.6/18/2019-PPD dated 23rd/ 24th July 2020 (or any further amendments thereof) regarding eligibility of bidders from neighbouring countries shall apply to this tender.

2. Please note that SPMCIL reserves its right to grant Purchase preferences in accordance with Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/revised) and Public Procurement Policy for Micro and Small Enterprises (MSEs) Amendment Order, 2018 (as amended/revised).

III. SPECIAL INSTRUCTION TO TENDERERS (SIT):

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/ substitute/ supplement the corresponding General Instructions to Tenderers (GIT). The corresponding GIT clause numbers have also been indicated in the text below. I

n case of any conflict between the provisions in the GIT and that in the SIT, the provisions contained in the SIT shall prevail.

1. Pre-bid Conference: GIT Clause No:8

2. Signing and Sealing of Tender: (GIT Clause No. 20.4 & 20.5) Tenderer shall sign all the pages of the tender document as token of the acceptance of all the tender conditions and upload through GeM portal.

IV. SPECIAL CONDITIONS OF CONTRACT (SCC):

The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General Conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below. These Special Conditions will modify/substitute/supplement the corresponding (GCC) clauses.

Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

1. Packing and Marking: GCC Clause No: 8.2

2. Inspection and Quality Control: GCC Clause No: 9; In addition to Clause 9, the Supplier shall arrange for a Pre-Dispatch Inspection / DEMO of installation sequences for capacity verification of each accessory at the supplier's factory site for maximum 3 officials of IGMH for 2 days. The expenses towards travelling, boarding & lodging will be borne by IGMH. All the scope of specifications of the complete refining plants along with utilities shall be inspected during the PDI.

3. Transportation of Domestic Goods: GCC Clause No: 11.2

4. Warrantee Clause: GCC Clause No: 16.2, 16.4

WARRANTY CLAUSE:

a) The supplier should submit the warrantee certificate that the goods supplied under the contract are new, unused of the most recent or current models and incorporate all recent improvements in design and material unless provided otherwise in the contract.

b) The supplier further warrants that, all the goods and work supplied under this contract shall have no defect in design, materials or workmanship or from any act or omission of the supplier that may develop under normal use of the supplied goods in the conditions prevailing in the country of final destination.

c) This warranty shall remain valid for 12 months from the date of final acceptance certificate. The purchaser shall promptly notify the supplier in writing of any claims arising out under this warranty.

d) Upon receipt of such notice, the supplier shall repair or replace the defective goods or parts thereof without cost to the purchaser immediately.

e) If the supplier having been notified fails to take remedial measure o

r rectify the defect within the period specified, the purchaser may proceed to take such action as may be necessary, at the supplier's risk and expense without prejudice or any other rights, which the purchaser may have against the supplier under the contract.

5. Terms and Mode of payments: GCC Clause No: 22

In addition to Clause No: 22, the condition of 100% payment will be made within 30 days after issue of Final Acceptance Certificate (FAC).

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.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller 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 कार्यवाई का आधार होगा।

---Thank You/धन्यवाद---