



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/4921328
Dated/दिनांक : 22-05-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	21-06-2024 12:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	21-06-2024 12:30:00
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	5
Item Category/मद केटेगरी	350 Ton Hydraulic Auto Minting Press , Heavy Duty 12 inch by 6 inch Rolling Mill , Blank Cutting Power Press 70 Tons , Vibratory Blanks Polishing Machine , Digital Hardness Tester
BOQ Title/बीओक्यू शीर्षक	Equipment for Product Development
Minimum Average Annual Turnover of the bidder (For 3 Years)/बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का)	25 Lakh (s)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	25 Lakh (s)
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

Bid Details/बिड विवरण	
Past Performance/विगत प्रदर्शन	50 %
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
Type of Bid/बिड का प्रकार	Two Packet Bid
Primary product category	350 Ton Hydraulic Auto Minting Press
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/
Financial Document Required/वित्तीय दस्तावेज की आवश्यकता है।	Yes

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	Indusind bank
Schedule 1 EMD Amount/ईएमडी राशि (In INR)	38940
Schedule 2 EMD Amount/ईएमडी राशि (In INR)	16402
Schedule 3 EMD Amount/ईएमडी राशि (In INR)	11161
Schedule 4 EMD Amount/ईएमडी राशि (In INR)	46228
Schedule 5 EMD Amount/ईएमडी राशि (In INR)	13000

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).	17

(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 है। 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
IDA Phase-II, Cherlapally, Hyderabad-50005, Telanagana
(India Government Mint, Hyderabad)

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. 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.
4. 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.
5. 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.

6. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs 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 the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. 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. 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 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.

7. 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.

8. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% 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 / Public Listed Company. 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.

Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
03-06-2024 11:00:00	All interested bidders may visit the following address for the pre-bid. Queries should reach buyer by 30.05.2024 on purchase.igmh@spmcil.com India Government Mint, IDA Phase-II, Cheralapally, Hyderabad-500051, Telanagana Contact No: 040-27268300(ext-117/122)

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	350 Ton Hydraulic Auto Minting Press	1
Schedule 2	Heavy Duty 12 Inch By 6 Inch Rolling Mill	1
Schedule 3	Blank Cutting Power Press 70 Tons	1
Schedule 4	Vibratory Blanks Polishing Machine	1
Schedule 5	Digital Hardness Tester	1

350 Ton Hydraulic Auto Minting Press

(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
1	Gadham Vidyasagar	500051,India Govt Mint, IDA, Phase-II Cherapally, (R.R district) Hyderabad , Telangana	1	90

Heavy Duty 12 Inch By 6 Inch Rolling Mill

(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
1	Gadham Vidyasagar	500051,India Govt Mint, IDA, Phase-II Cherapally, (R.R district) Hyderabad , Telangana	1	90

Blank Cutting Power Press 70 Tons

(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
1	Gadham Vidyasagar	500051,India Govt Mint, IDA, Phase-II Cherapally, (R.R district) Hyderabad , Telangana	1	90

Vibratory Blanks Polishing Machine

(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/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Gadham Vidyasagar	500051,India Govt Mint, IDA, Phase-II Cherapally, (R.R district) Hyderabad , Telangana	1	90

Digital Hardness Tester

(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/मात्र

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्र	Delivery Days/डिलीवरी के दिन
1	Gadham Vidyasagar	500051,India Govt Mint, IDA, Phase-II Cherapally, (R.R district) Hyderabad , Telangana	1	90

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-500051
Telangana
.

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 5 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. **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.

8. **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

9. **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

INDB0000004

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.

10. **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.

11. **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.

12. **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.

13. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

14. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

A. ELIGIBILITY CRITERIA:

i. Past Experience: 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 the each tendered items as given below with the same or higher specifications of at least one number of each schedule line item in last five years ending on "previous day of bid opening". 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.

- i. At least one no. of 350 Ton Hydraulic Auto Minting Press
- ii. At least one no. of Heavy Duty 12" by 6" Rolling Mill
- iii. At least one no. of Blank Cutting Power Press 701 Tons
- iv. At least one no. of Vibratory Blanks Polishing Machine
- v. At least one no. of Digital Hardness Tester

ii. CAPABILITY: The bidder must have an annual capacity to manufacture and supply at least 1 such item for each schedule line items.

iii. FINANCIAL STANDING:

a. Annual Turnover: The average annual financial turnover of the bidder firm (manufacturer or principal of authorised dealer) during the last three years, ending on 31.03.2023, should be as given below 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 or equivalent in relevant countries.

- i. For Schedule 1- atleast Rs.7.8 lakhs
- ii. For Schedule 2- atleast Rs. 3.3 lakhs
- iii. For Schedule 3- atleast Rs.2.3 lakhs
- iv. For Schedule 4- atleast Rs.9.25 lakhs
- v. For Schedule 5- atleast Rs.2.6 lakhs

b. The net worth of the firm should not be negative on 31.03.2023 and should not have eroded by more than 30% in the last three years, ending on 31.03.2023.

Note: For MSEs and Start-ups (registered for the tendered item) all financial criteria shall be exempted.

iv. PAYMENT TERMS: 100% payment shall be paid only after issuance of Final Acceptance Certificate(FAC).

v. DELIVERY PERIOD: 90 days from the issue of contract or NAC whichever is earlier.

vi. Warranty Period: 12 months from the date of issue of Final Acceptance Certificate(FAC). All services and spares parts required during warranty period are to be supplied FREE OF COST by the successful bidder.

vii. The bidder should submit the following documents:

- a. Signed and stamped copy of bid document as a token of acceptance of all the terms & conditions of this tender.
- b. Documentary evidence such as copy of past purchase orders, work experience to fulfill the past performance and experience criteria.
- c. Documentary evidence to fulfill the capability criteria.
- d. CA certified balance sheet & profit & loss statement for FY 2020-21, 2021-22 and 2022-23 to fulfill the Financial criteria.

e. Adherence to all the Technical Specifications for all the participated schedules of the tender on the firm's letter head duly stamped and signed.

B. TECHNICAL SPECIFICATIONS

1. 1. 350 Ton Hydraulic Auto Minting Press

A. Specifications:

- i. Press Force (Variable) : 20-350 Ton
- ii. Metal of coins to be stamped: Precious metals like Pure Gold, Silver, Alloys of Gold & Silver and Quaternary Alloy (Ag 50%, Cu 40%, Ni 5% & Zn 5%) and other base metals like Copper-Bronze, Cupro-Nickel etc.
- iii. Dimension of coins to be stamped : Diameter : 10 mm to 90 mm
- iv. Thickness : 0.6 mm to 10 mm
- v. Output rate: Compatible with standard coin dies, min 05 to 14 (fourteen) parts (medal size ϕ 25/27/38/44 mm) per minute in manual feeding mode for single stroke.
- vi. Operational Controls : Start/stop buttons, variable press force configuration/ setting, Hydraulic pressure indicator, User-friendly control panel with intuitive interface for easy operation and monitoring, Number of Pieces Embossed Information Display, Standard Electric Operating Control Panel, Emergency stop.
- vii. Multiple pressing and dwell time :
 - Highest Possible Embossing Forces
 - High Stroke Rate & Faster Production
 - Multiple Stroke with Variable Forces and Die Lifting,
 - Multiple Stroke with Two Way Operating Pumps,
 - Auto Embossing & Ejecting System,
 - Press should have multiple pressings from 2 to 5 different programmable coining and locking forces with variable preselected dwell time in a closed tool.
 - Press should maintain the selected pressure on the embossed blank/coin for the selected time and after the lapse of time, press force should be decreased to the adjustable locking forces.
 - The dwell time should be activated for all single and multiple pressings.
 - The tool should remain closed for all the different forces selected so that distortion of impression (doubling) will be avoided.
- viii. Pressing Speed: Adjustable pressing speed.
 - Stroke Length: Adjustable stroke length for flexibility in coin design and dimensions
 - Working Thrust 350 Bar Pressure
 - Working Speed 14 To 15 Per Minute,
- ix. Ejection force for stamped piece: Ejecting Force for Stamped Pieces – 7 Tons
Auto Embossing & Ejecting System,
- x. Air blow for blank cleaning: Machine should consist of air blow arrangement for cleaning of the blanks before stamping.
- xi. Coining Tool:

- Die Change System: Quick and efficient die change system for minimizing downtime during product changeovers
- Easy One Rotation Die Fixing and Removing Accessories,
- Light arrangement at tooling space is essential.
- Necessary controls are to be provided in tooling to avoid wrong positioning and 'no charging' of blank or piece to be stamped.

xii. Electric Control: • Electric Motor 10 HP, Max.

- Programmable Logic Controller of Siemens / Allen Bradley / Schneider/ Mitsubishi/ Toshiba /Panasonic/Bosch etc.
- Touch Screen Menu Navigation,
- Auto Embossing & Ejecting System,
- Operation control panel for setup, adjustment and operation parameter of different coins.

xiii. Hydraulic system:

- Press Frame: Heavy-duty steel frame construction for rigidity and stability
- Heavy Duty Piston Cylinder,
- High/Low Pressure System having indicator,
- The electric motor should have sufficient power to drive the hydraulic pump and maintain consistent pressure throughout the stamping process
- The hydraulic reservoir should have an adequate capacity to accommodate the hydraulic fluid required for the operation, allowing for efficient cooling and filtration.
- Hydraulic Cylinders:
 - The stamping press should be equipped with hydraulic cylinders capable of exerting the required force for stamping silver and gold coins. The cylinders should be robust, corrosion-resistant, and designed to withstand high pressures and repetitive stamping cycles.
- Control System:
 - The hydraulic system should incorporate a reliable and user-friendly control system.
- Hydraulic Fluid:
 - The hydraulic system should use a high-quality hydraulic fluid suitable for stamping silver and gold coins.
 - The fluid should possess excellent lubricating properties, corrosion resistance, and thermal stability to ensure smooth and consistent operation of the system.
- Maintenance and Service: The hydraulic system should be designed for ease of maintenance, with readily accessible components for inspection, repair, and replacement.
- Adequate provision for preventive maintenance, including regular fluid changes, filter replacements, and system checks, should be incorporated into the design.

xiv. Safety:

- Safety Features: Integrated safety measures including emergency stop buttons, safety guards, The HPU should consist of a hydraulic pump, electric motor, reservoir, filters, valves, and pressure regulators.
- Hand Guard Safety Sensor,
- Hard Base Plate,

· Noise level to be maintained at <75 dB

xv. Cooling System: Cooled System for Oil temperature control.

xvi. Tools & accessories : All necessary tooling required for setting up of the medal (finished) dies of Ø 22, 27, 33, 35, 44, 50 mm to be provided by the supplier, also the drawings of such tooling's to be provided in 2 copies. Complete Tools Set with Allen keys for coining dies changes.

B. OTHER SPECIFICATIONS:

- a. A set value and real time value of different parameters like Press Force, Inching Model, intake current by main motor etc. shall be displayed on HMI unit during the operations.
- b. A control system should be interactive with visual aids, menu driven and operator friendly.
- c. The machine shall have facility of remote maintenance (wherever feasible) as and when required by IGMH.
- d. Safety features & suitable Fault finding system shall be provided.
- e. All the electrical devices shall be energy efficient, easy to maintain and of latest technology proven in the market and not on the verge of obsolescence.
- f. IGMH shall Provide Supply of Electricity, Air and water. All the auxiliaries and accessories require for operating the Stamping Press shall be in the scope of the supplier.
- g. The machine shall have facility of remote maintenance as and when required by IGMH (Optional).
- h. Acoustic Noise Protection (< 75 DB) shall be provided.
- i. Ambient condition: 45°C, Rh: 95% max.
- j. Machine should be Energy efficient, maintaining power factor of more than 0.9 and should comply with BEE guidelines.
- k. Pneumatic system attached with the Stamping Press, if any shall be able to operate smoothly with the pressure of 5 to 6 bar compressed air.
- l. Centralized automatic Lubrication system shall be provided along with the machine. The system shall be total with coverage to all required points with proper filtration system for re-circulation of lubricant oil. There shall be a separate tank for this system.
- m. Bidder should provide sales and service support including supply of spares and consumables for minimum 10 years from the date of Final Acceptance Certificate (FAC).
- n. Anti-vibration pads for base of the machine must be supplied by the firm, if required.
- o. IGMH shall Provide Supply of Electricity and water. Civil work, and all the auxiliaries and accessories require for operating the machine shall be in the scope of the supplier.

C. Documentation:

- a. Successful bidder will have to provide soft and 3Nos. hard copies (in English) of Electrical Circuit Diagram complete with PLC ladder diagrams, drive parameters, interfacing drawing etc. along with detailed spare parts list and product catalogue of major equipment.
- b. Successful bidder will have to provide backup copies of software of operating system, machine programs, any PLC Controller (Micro/ PID/Temperature) and drives installed on the machine for trouble shooting of faults by IGMs
- c. Successful bidder will have to provide soft and 3Nos. hard copies of Operating and Maintenance manual (Mechanical, Hydraulic & Pneumatic) in English along with spare part catalogue, drawings.
- d. Successful bidder will have to provide foundation and machine lay out drawing including electrical cable/air/oil and water trench details.

D. Installation, Startup and Training:

- a. Successful bidder shall include installation, testing commissioning and successful trial run of the machine as per the specification mentioned in tender at work site of purchaser.
- b. Successful bidder shall provide the onsite training to IGMs employee for 6 working days (eight hours per shift) at respective machine installation site after successful commissioning of the machine.

E. Spare Parts and Consumables:

- a. Successful bidder shall provide list of spares and consumables required for Five (5) years from date of Final Acceptance Certificate (FAC) along with its rates. However these rates will not be considered while deciding L1.

F. Final Acceptance Test:

- a. After successful installation and commissioning of the machine, FAT will be carried out in presence of bidder's representative/engineer for two (2) working days at installation site as per the specifications and quality parameters as mentioned in this tender document. Performance will be observed on silver/copper for 22/27mm dia (medal size) and thickness 1.2 - 1.6mm with operation speed of 10Strokes per minute in manual mode.
- b. The date of FAT will be decided on mutual agreement.

- c. FAT shall be carried out for two (2) working days in single shift of 8 hours with
- d. During period of FAT, the firm has to depute their Engineer for monitoring and recording the test result.
- e. Performance test shall be carried out for all functional, quality, operational and safety interlock check by the successful bidder for the machine.
- f. Test certificates from NABL or International Standard Certificate for Tooling Material wherever required.
- g. Final Acceptance Certificate (FAC) shall be issued after successful FAT.

2. Heavy Duty 12"x6" Rolling Mill

A. Specifications:

- i. Metals to be cold rolled: Cold bar rolling process Pure Gold & its alloys, Pure Silver / its alloys and Quaternary Alloy (Ag 50%, Cu 40%, Ni 5%, Zn 5%), Cu-Ni (75%-25%)
- ii. Profile of bar to be cold rolled: Rectangular, Flat bar
- iii. Size of the Bar to be cold rolled (Input material) Width: 25 to 75 mm
Length: 300 to 450 mm, Thickness: Maximum 15 mm
Roll diameter suitable for the desired reduction in thickness
- iv. Output Thickness to be achieved Up to 0.6 mm
- v. Output Thickness Tolerance Up to +/- 0.010 mm
- vi. Roller length 200mm X 127 mm
- vii. Work Roll surface finish accuracy $Ra \leq 0.50 \mu m$
- viii. Roller mouth openness 20 mm
- ix. Work Roll material D2 or DIN 1.2327 or 86CrMoV7 (Forged Steel)
Test certificate of material composition and NDT has to be provided.
- x. Roll hardness 62 - 67 HRC (NABL test certificate to be provided)
- xi. Round running accuracy of the rolls Within +/- 1Micron
- xii. Machine speed 1 to 15 m/min with variable speed
- xiii. Drive System: Equipped with a powerful 10HP and ~1000 RPM motor and heavy duty gear system to provide the necessary torque for high-speed rolling.
- xiv. Automatic Lubrication System: Integrated Lubrication system.
Ensures consistent and controlled Lubrication.
- xv. Working direction Reversible
Reversibility: The mill should be capable of reversing the direction of rolling to accommodate different rolling processes

- xvi. In-feed and exit table: With steel roller guide for strip feeding.
The side roller guides should have flared entrance for easy strip entry.
The strip guide system shall have arrangement for adjustment to strip width.
- xvii. Roll gap adjustment : Manual screw down system with positioning accuracy
Roll Adjustment: Mechanism for adjusting the roll gap or roll position to control the thickness of the rolled material
- xviii. Safety Device: Suitable safety devices as per IS regulation are to be provided.
- xix. Roller Sets & Bronze bushings: Total Two Sets (including one set with machine, including bearing and chocks, ready to install condition must be provided). And one set of Bronze bushings
- xx. Electrical Drive 10 HP electric Motor, ~1000 RPM, preferably Crompton make, Three phase power supply Overload protection system to prevent damage to the mill and ensure reliable operation.
- xxi. Operational Controls: such as start/stop buttons, speed control, emergency stop, etc.
Emergency Stop: Easily accessible emergency stop button or lever to quickly stop the mill operation in case of emergencies
Safety Guards: Protective enclosures or guards to prevent operator contact with moving parts
Overload Protection: System to protect the mill from excessive loads or overloading

B. OTHER SPECIFICATIONS

- a. All the electrical devices shall be energy efficient, easy to maintain and of latest technology proven in the market and not on the verge of obsolescence.
- b. IGMH shall Provide Supply of Electricity and water. All the auxiliaries and accessories require for operating the Rolling Mill shall be in the scope of the supplier.
- c. Acoustic Noise Protection (< 75 DB) shall be provided.
- d. Bidder should provide sales and service support including supply of spares and consumables for minimum 10 years from the date of Final Acceptance Certificate (FAC). Bidder has to submit undertaking for this.
- e. Successful bidder will have to provide soft and 3Nos. hard copies of Operating and Maintenance manual (Mechanical, Hydraulic & Pneumatic) in English along with spare part catalogue, drawings
- f. Successful bidder will have to provide foundation and machine lay out drawing including electrical cable/air/oil and water trench details (All Civil work will be in the scope of supply)
- g. Successful bidder shall include installation, testing commissioning and successful trial run of the machine as per the specification mentioned in tender at work site of purchaser.
- h. Successful bidder shall provide the onsite training to IGMs employee for 3 working d

ays (eight hours per shift) at respective machine installation site after successful commissioning of the machine.

C. Spare Parts and Consumables: Successful bidder shall provide list of spares and consumables required for Five (5) years from date of Final Acceptance Certificate (FAC) along with its rates. However these rates will not be considered while deciding L1.

D. Final Acceptance Test:

- a. After successful installation and commissioning of the machine, FAT will be carried out in presence of bidder's representative/engineer for two (2) working days at installation site as per the specifications and quality parameters as mentioned in this tender document.
- b. The date of FAT will be decided on mutual agreement.
- c. FAT shall be carried out for two (2) working days in single shift of 8 hours with minimum of output of 20 kg /shift. Copper/Silver strips with less than 15mm thickness & length around 450mm will be given for rolling.
- d. During period of FAT, the firm has to depute their Engineer for monitoring and recording the test result.
- e. Performance test shall be carried out for all functional, quality, operational and safety interlock check by the successful bidder for the machine.
- f. Test certificates from NABL or International Standard Certificate for Hardness, Surface Roughness, and Chemical Composition of Rolls for are to be provided.
- g. Test certificate from NABL or International Standard Certification for rollers & accuracy of measurement are to be provided.
- h. Dimensional measurement report of relevant component e.g. Work Roll, Round running accuracy of the rolls are required along with test certificate from NABL or International Standard Certification.
- i. Final Acceptance Certificate (FAC) shall be issued after successful FAT.

3. Blank Cutting Power press 70 Tons (hydr)

A. Specifications

- i. Press Type : Precision Blanking Press
- ii. Thrust force : 70 Ton
- iii. Dimension of strips/Blanks to be cut: Width 10 to 100mm; Thickness 0.65mm to 5 mm.

- iv. Strips metal: Pure Gold and Silver & its alloy, Quaternary Alloy (Ag-50%, Cu -40%, Ni -5%, Zn - 5%), Cu-Ni (75%-25%)
- v. Strokes per minute : Min. 15 to 16 strokes per minute , Up & Down, Stroke adjustment
- vi. Operation mode: Slide motion for positioning of dies i.e. tool change or adjustment mode (inching mode); Single cycle operation mode, Foot & Inching Operating System.
- vii. Operational Controls: Control Method: Manual control, semi-automatic, or fully automated control system. Specify the control features, such as start/stop buttons, speed control, emergency stop, etc.
- viii. Operation : Foot & Inching operating system
- ix. Tooling : • Machine shall be supplied along with separate tooling for cutting of the blanks of following dimensions with maximum yield:
 - Embossing Die Set with Cutting Die required for the finished medal sizes of Ø27, 35, 44mm
 - Tool set must perform Fine Cutting operation i.e. blanks must be free from burrs, Strip separator to separate the strip from the punch after every cycle of blanking operation.
 - Tooling must have arrangement for scratch free blanks cutting.
 - No. of tool sets 2 for each denominations along with their drawings for the finished medal sizes of Ø27, 35, 44mm
- x. Blanks collection: Provision of gentle collection of cut blanks without damaging its surface is required.
- xi. Hydraulic system: Press Frame: Heavy-duty steel frame construction for rigidity and stability
 - Safety Features: Integrated safety measures including emergency stop buttons, safety guards, and provision of light at the working area
 - Stamping Features
 - Operational Features
- xii. Die Change System : Quick and efficient die change system for minimizing downtime during product changeovers
- xiii. Safety Features: Emergency Stop: Easily accessible emergency stop button or lever to quickly stop the mill operation in case of emergencies.
 - Safety Guards: Protective enclosures or guards to prevent operator contact with moving parts.
 - Overload Protection: System to protect the mill from excessive loads or overloading.

B. OTHER SPECIFICATIONS:

- a. Safety features & suitable Fault finding system shall be provided.

- b. All the electrical devices shall be energy efficient, easy to maintain and of latest technology proven in the market and not on the verge of obsolescence.
- c. Acoustic Noise Protection (< 75 DB) shall be provided.
- d. IGMH shall Provide Supply of Electricity and water. Civil work and all the auxiliaries and accessories require for operating the Rolling Mill shall be in the scope of the supplier.
- e. Machine should be Energy efficient, maintaining power factor of more than 0.9 and should comply with BEE guidelines.
- f. Bidder should provide sales and service support including supply of spares and consumables for minimum 10 years from the date of Final Acceptance Certificate (FAC). Bidder has to submit undertaking for this.
- g. Anti-vibration pads for base of the machine must be supplied by the firm, if required.

C. Documentation:

- a. Successful bidder will have to provide soft and 3Nos. hard copies of Operating and Maintenance manual (Mechanical, Hydraulic & Pneumatic) in English along with spare part catalogue, drawings.
- b. Successful bidder will have to provide foundation and machine lay out drawing including electrical cable/air/oil and water trench details.

D. Installation, Startup and Training:

- a. Successful bidder shall include installation, testing commissioning and successful trial run of the machine as per the specification mentioned in tender at work site of purchaser.
- b. Successful bidder shall provide the onsite training to IGMs employee for 3 working days (eight hours per shift) at respective machine installation site after successful commissioning of the machine.

E. Spare Parts and Consumables: Successful bidder shall provide list of spares and consumables required for three (3) years from date of Final Acceptance Certificate (FAC) along with its rates. However these rates will not be considered while deciding L1.

F. Final Acceptance Test

- a. After successful installation and commissioning of the machine, FAT will be carried out in presence of bidder's representative/engineer for two (2) working days at installation site as per the specifications and quality parameters as mentioned in this tender.

r document.

- b. The date of FAT will be decided on mutual agreement.
- c. FAT shall be carried out for two working days in single shift of 8 hours with minimum output for Gold/Gold Alloys and Silver/ Silver Alloys, testing will be carried out on 27 mm blanks with a speed of 15strokes/minutes.
- d. During period of FAT, the firm has to depute their Engineer for monitoring and recording the test result.
- e. Performance test shall be carried out for all functional, quality, operational and safety interlock check by the successful bidder for the machine.
- f. Test certificates from NABL or International Standard Certificate for Tooling Material .
- g. Final Acceptance Certificate (FAC) shall be issued after successful FAT.

4. Vibratory Blanks Polishing Machines

A. Specifications

- i. Type of Blanks Polishing Machine : Vibratory
- ii. Blanks of metals to be polished : Pure Gold and Silver and its alloys, Quaternary Alloy (Ag-50%, Cu-40%, Ni -5%, Zn-5%).
- iii. Shape of blanks to be polished : • Circular • Rectangular
- iv. Dimensions of precious metal blanks : • Diameter: 10mm to 60mm
Thickness: 0.6mm to 4.00mm
- v. Dimensions & Volume of the tumbler/bowl: • 20-22 litres (including working media). 525 X 190 X 255
- vi. Dosing / Draining unit : Attached dosing arrangement for chemicals used polishing and finishing
 - Filter arrangement is essential for recovery of precious metals particles.

- vii. Media outlet: Zirconium (180 Kg); Beads Size 1.7-3.3 mm; Hardness Mohs -9; Cylinder size 6 mm
- viii. Weight loss % Cumulative loss/Hr-0.0015
- ix. Material of process tumbler /bowl : Polyurethane
- x. Gap ring material : Ceramic
- xi. Safety Features : • Emergency stop switch.
- xii. Features • HMI with A/C drive controller
 - Speed adjustable
 - PLC touch screen .
 - Display of recordable parameters
 - Auto cutoff
 - Less noise.
 - Mild steel body with powder coating
 - PU casting bowl & Lid
- xiii. Consumables 100 Ltr Glitter cleansing solution

B. OTHER SPECIFICATIONS:

- a. Machine shall be user friendly for operation and inter-changeability of the blanks polishing /finishing media for different material blanks.
- b. The polished blanks need to be free from surface defects to carry forward for stamping.
- c. All the electrical devices shall be energy efficient, easy to maintain and of latest technology proven in the market and not on the verge of obsolescence.
- d. IGMH shall Provide Supply of Electricity and water. All the auxiliaries and accessories require for operating the Polishing unit shall be in the scope of the supplier.
- e. The machine shall have all the safety features to protect the man and material from electrical, Heat /Temperature, rotating/moving parts/bodies, explosion hazards. All hazardous locations shall bear necessary stickers as per relevant IS standards.
- f. The machine shall have necessary safety switches, sensors, Emergency stops, safety guards from Safety Point of view.

- g. Acoustic noise protection to reduce noise pollution by <75dB around the work zone if required.
- h. Machine should be Energy efficient, maintaining power factor of more than 0.9 and should comply with BEE guidelines.
- i. IGM will provide 3 phases, 415V AC +/-10% , 50 Hertz, TPN.
- j. Bidder should provide sales and service support including supply of spares and consumables for minimum 10 years from the date of Final Acceptance Certificate (FAC). Bidder has to submit undertaking for this. Bidder should submit undertaking of this point.

C. Documentation:

- a. Successful bidder will have to provide soft and 3Nos. hard copies of Operating and Maintenance manual (Mechanical, Hydraulic & Pneumatic) in English along with spare part catalogue, drawings.
- b. Successful bidder will have to provide foundation and machine lay out drawing including electrical cable/air/oil and water trench details.

D. Installation, Startup and Training:

- a. Successful bidder shall include installation, testing commissioning and successful trial run of the machine as per the specification mentioned in tender at work site of purchaser.
- b. Successful bidder shall provide the onsite training to IGMH employee for 2 working days (eight hours per shift) at respective machine installation site after successful commissioning of the machine.

E. Spare Parts and Consumables: Successful bidder shall provide list of spares and consumables required for Five (5) years from date of Final Acceptance Certificate (FAC) along with its rates. However these rates will not be considered while deciding L1.

F. Final Acceptance Test:

- a. After successful installation and commissioning of the machine, FAT will be carried out in presence of bidder's representative/engineer for two (2) working days at installation site as per the specifications and quality parameters as mentioned in this tender document.
- b. The date of FAT will be decided on mutual agreement.
- c. FAT shall be carried out for two (2) working days in single shift of 8 hours with Minimum

um 15Kg per batch per hour. Silver/Copper/FSS/Ni-Brass blanks will be provided for testing.

- d. During period of FAT, the firm has to depute their Engineer for monitoring and recording the test result.
- e. Performance test shall be carried out for all functional, quality, operational and safety interlock check by the successful bidder for the machine.
- f. Test certificates from NABL or International Standard Certificate for Tooling Material.
- g. Acoustic Noise level < 75db is to be verified during FAT.
- h. Final Acceptance Certificate (FAC) shall be issued after successful FAT.

5. Digital Rockwell Hardness Testing Machine- 1 no.

A. Specifications

- i. Test force setting : By dial
- ii. Test Scales:: The Rockwell hardness tester should support multiple test scales, including Rockwell A, B, C, and Superficial scales.
- iii. Test Force Range: The tester should have a suitable test force range to accommodate various hardness testing requirements. Commonly used test force ranges include 60 kgf, 100 kgf, and 150 kgf.
- iv. Indentation Measurement System: : Digital, The tester should have a precise and reliable indentation measurement system, such as a depth measuring microscope or an electronic sensor.
- v. Display and Controls: The tester should have a user-friendly digital display for easy reading of hardness values.
- vi. Data Storage and Connectivity : Minimum 100 results built-in memory or storage capability to save test results.
- vii. Data Output : USB, LCD, Printers
- viii. Preliminary test force: 10 Kgf

- ix. Test Height : 200 mm max
- x. Depth of throat : 160 mm
- xi. Load control: Automatic (loading, duration, unloading)
- xii. Hardness resolution (HR) : 0.1
- xiii. Test force : 150 Kgf
- xiv. Accessories:
 - Clamping Device Kit : 1 Set
 - Allen Key set : 1 no
 - Tools/Spanners set : 1 no
 - Test Block HRB/Standard : 1 no
 - Test Block HRC/Standard : 3 nos (for High, medium & low hardness values), Test blocks shall be supplied with NPL/NML certificate confirming to ASTM/IS standard
 - Testing Table f 50 mm : 1 no
 - Diamond indenter : 1 no (1 separately along with machine)
 - Steel ball indenter (1/16)" : 1 no (1 separately along with machine)

B. OTHER SPECIFICATIONS:

- a. Load Cell and Accuracy: The hardness tester should be equipped with a reliable load cell that provides accurate and repeatable hardness measurements.
- b. Test Standards Compliance: The hardness tester shall comply with relevant national or international standards, such as ISO 6508 or ASTM E18, to ensure accuracy and reliability of the test results.
- c. Durability and Build Quality: The tester should be constructed with robust and durable materials to withstand regular use and maintain accuracy over time. A sturdy frame and high-quality components contribute to the longevity of the equipment.
- d. Calibration and Service: Calibration certificates to be provided from NABL laboratory, after-sales support to be provided at least for 5 years by the manufacturer or supplier.

C. Documentation:

- a. Successful bidder will have to provide soft and 3Nos. hard copies of Operating and Maintenance manual in English along with spare part catalogue, drawings.
- b. Successful bidder will have to provide foundation and machine lay out drawing including electrical cable/air/oil and water trench details.
- c. Successful bidder should provide suitable table for installation

D. Installation, Startup and Training:

- a. Successful bidder shall include installation, testing commissioning and successful trial run of the machine as per the specification mentioned in tender at work site of purchaser.
- b. Successful bidder shall provide the onsite training to IGMH employee for 2 working days (eight hours per shift) at respective machine installation site after successful commissioning of the machine.

E. Spare Parts and Consumables: Successful bidder shall provide list of spares and consumables required for Five (5) years from date of Final Acceptance Certificate (FAC) along with its rates. However these rates will not be considered while deciding L1.

F. Final Acceptance Test:

- a. After successful installation and commissioning of the machine, FAT will be carried out in presence of bidder's representative/engineer for two (2) working days at installation site as per the specifications and quality parameters as mentioned in this tender document.
- b. The date of FAT will be decided on mutual agreement.
- c. FAT shall be carried out for two (2) working days in single shift of 8 hours with on various materials.
- d. During period of FAT, the firm has to depute their Engineer for monitoring and recording the test result.
- e. Performance test shall be carried out for all functional, quality, operational and safety interlock check by the successful bidder for the machine.
- f. Test certificates from NABL or International Standard Certificate has to be provided wherever required.
- g. Final Acceptance Certificate (FAC) shall be issued after successful FAT.

15. 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.

16. Warranty

Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.

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---