

Standard Bidding Document

INDIA GOVERNMENT MINT

(A UNIT OF SECURITY PRINTING & MINTING CORPORATION OF INDIA LTD.),
MINIRATNA CATEGORY – 1, CPSE, (WHOLLY OWNED BY GOVERNMENT OF INDIA)
P.B. NO. 10, H.C.L. POST, I.D.A. PHASE II, CHERLAPALLY, HYDERABAD – 500 051. (TELANGANA)
Tel. No: +91-40-27268300 (Extn -122); Fax No.: 040-27262951
E-mail: igm.hyderabad@spmci.com, Web: <http://igmhyderabad.spmci.com>
CIN: U22213DL2006GOI144763; GSTIN: 27AAJCS6111J2Z7

Security Classification: *Non Security*

**TENDER DOCUMENT FOR PURCHASE OF:
HIGH RESOLUTION XRF**

Tender Number: 600017558/12/MEDALS, Dated: 08.09.2022

This Tender Document Contains 33 Pages.

Details of Contact person in SPMCIL regarding this tender:

Name: RAJKUMAR R
Designation: Manager (MM)
Address: IGMH (India Government Mint, Hyderabad) India

Disclaimer

The information contained in this Bid Document or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of the Security Printing and Minting Corporation Limited (hereafter referred as the "Purchaser") or any of its employees or associated agencies, is provided to Bidder(s) on the terms and conditions set out in this Bid Document and such other terms and conditions subject to which such information is provided.

This Bid Document is not an agreement and is neither an offer nor invitation by the Purchaser to the prospective Bidder(s) or any other party hereunder. The purpose of this Bid Document is to provide the Bidder(s) with information to assist them in the formulation of their proposal submission. This Bid document does not purport to contain all the information Bidder(s) may require. This Bid document may not be appropriate for all bidders, and it is not possible for the Purchaser to consider particular needs of each Bidder. Each Bidder should conduct its own investigation and analysis, and should check the accuracy, reliability, and completeness of the information in this document and obtain independent advice from appropriate sources.

Information provided in this Bid Document to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Purchaser, its employees and other associated agencies accept no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

This Bid document and ensuing bids; communications and Contracts would alone determine the legal and commercial relationship between the bidders/ contractors and the Purchaser. No other Government or Purchaser's document/ guidelines/Manuals including its Procurement Manual (which are for internal and official use of its officers), have any locus standi in such a relationship. These documents/guidelines/ Manuals therefore should not be cited or referred in any legal or dispute resolution or grievance redressal proceedings.

The Purchaser, its employees and other associated agencies make no representation or warranty and shall have no liability to any person, including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this Bid Document or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the Bid Document and any assessment, assumption, statement or information contained therein or deemed to form part of this Bid Document or arising in any way for participation in this Bid Stage.

The Purchaser, its employees and other associated agencies also accept no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder(s) upon the statements contained in this Bid Document.

The Purchaser may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this Bid Document.

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

The Bidder(s) shall bear all its costs associated with or relating to the preparation and submission of their Bids including but not limited to preparation, copying, postage, delivery fees, expenses associated with any submission of samples, demonstrations or presentations which may be required by the Purchaser or any other costs incurred in connection with or relating to their Bids. All such costs and expenses will remain with the Bidder(s) and the Purchaser shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder(s) in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process.

This disclaimer forms an integral part of the Bid document and shall supplement but not supplant the provision of the Bid Document.

SECTION I: NOTICE INVITING TENDER (NIT)

INDIA GOVERNMENT MINT

(A Unit of Security Printing & Minting Corporation of India Ltd.),

Miniratna Category – 1, CPSE, (Wholly Owned By Government of India)

P.B. NO. 10, H.C.L. POST, I.D.A. PHASE II, CHERLAPALLY, HYDERABAD – 500 051. (TELANGANA)

Tel. No: +91-40-27268300 (Extn -122); Fax No.: 040-27262951

E-mail: igm.hyderabad@spmCIL.com, Web: <http://igmhyderabad.spmCIL.com>

1. E-tenders (through [MSTC E-Commerce \(mstcecommerce.com\)](http://MSTC E-Commerce (mstcecommerce.com))) are invited from eligible and qualified bidders for supply of the following.

Schedule No.	Brief Description of Goods/ Services	Quantity (with unit)	Earnest Money (in Rs.)	Remarks
01.	HIGH RESOLUTION XRF	1 E.A	Rs.46,000 (Forty Six thousand only)	

Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)	Two Bid (Single Stage) i.e., (Techno-commercial Bid & Price Bid) National Competitive Bid (NCB)
Security Classification	Non- Security
Authority in whose favour all tender related financial instruments (FD, DD, Banker's cheque etc) are to be made	India Government Mint, Hyderabad, A Unit of SPMCIL
All Financial Instruments to be payable at	Hyderabad.
Dates and place of issue of tender documents:	From 08.09.2022 to 07.10.2022 during Office Hours at IGM, Hyderabad
Closing date and time for receipt of tenders	07.10.2022 Up to 14:45 Hours IST
Place of receipt of tenders	Through e-tendering portal i.e. MSTC E-Commerce(mstcecommerce.com)
Time and date of opening of tenders for Technical Bid. {Place, Time, and date of Opening of Price (Financial) bid would be intimated later on}	15:00 Hours IST on 07.10.2022
Place of opening of tenders	India Government Mint, Hyderabad through e-tendering portal i.e. MSTC E-Commerce (mstcecommerce.com) .
Officer to be contacted for clarifications/ help:	Rajkumar R, Manager (MM), India Government Mint, Hyderabad.

2. 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.
3. 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).
4. Interested tenderers may obtain further information about this requirement from the above office selling the documents. They may also visit our website mentioned above for further details.

5. Tenderer may also download the tender documents from the web site mentioned above and submit its tender by utilizing the downloaded document (Through e-tendering portal i.e. [MSTC E-Commerce \(mstcecommerce.com\)](http://mstcecommerce.com)), the bidder must not make any changes to the contents of the documents, except for filling the required information. A certificate to this effect must be submitted by the bidder in the Tender Form (Section X).
6. Bidders may upload their bids to through e-tendering portal i.e. [MSTC E-Commerce \(mstcecommerce.com\)](http://mstcecommerce.com)), bidders must upload their bids along with scanned copies as required enclosures (including proof of cost of EMD as applicable) as per instructions given in this regard. Original copy of such scanned uploaded EMD, must reach in physical form within the date and place as provided in such instructions, otherwise their uploaded bid, would be declared as unresponsive.
7. In the event of any of the above-mentioned dates being declared as a holiday/ closed day for the purchase organisation, the tenders will be sold/ received/ opened on the next working day at the appointed time.
8. The tender documents are not transferable.
9. The bidder, their affiliates, or subsidiaries - including subcontractors or suppliers for any part of the contract - should not stand declared ineligible/ blacklisted/ banned/ debarred by any Government Agency anywhere in the world, for participating in its tenders, under that country's laws or official regulations. A declaration to this effect shall be submitted by the bidder in the Tender Form (Section X).
10. EMD amount mentioned in Section VI – List of Requirements shall be furnished in one of the following forms: a) Account Payee Demand Draft or b) Fixed Deposit Receipt or c) Banker's cheque; in acceptable form, otherwise the tender will not be accepted in any case. The demand draft, fixed deposit receipt or banker's cheque shall be drawn on any scheduled commercial bank in India, in favour of Account and place of payment specified in the Para 1 above.
11. Undersigned confirms that the required goods mentioned above are not available on GeM as per "GeM - Availability Report and Past Transaction Summary" (GeM - AR&PTS). This unique ID is GEM/GARPTS/02052022/RJTUKJDSW4AQ.
12. As per the amendments to Companies Act 2013, companies are required to make certain disclosure pertaining to vendors registered under Micro, Small and Medium Enterprises Development Act 2006 (MSMED Act 2006). If your firm/ company is registered under MSMED Act 2006, please attach a copy of the registration certificate.
13. Any security breach by the contractor, will lead to:
 - a) Termination of contract.
 - b) Payment of damages.
14. As per provisions contained in M/o Finance, Dept. of Expenditure O.M. No.1(2)(1)/2016-MA dt. 10th March 2016, relaxation shall be given of prior turnover and prior experience with respect of Micro & Small Enterprises (MSEs) subject to meeting of quality and technical specifications.
15. Traders/resellers/distributor/authorized agents will not be considered for availing benefits under PP Policy 2012 for MSEs as per MSE guidelines by MOMSME
16. **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. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

17. The guidelines issued vide office Memorandum No. DPE/7(4)/2007-Fin. Dated 06.12.2012 issued by the Ministry of Heavy Industries & Public Enterprises, D.O.No.21(1)/2011-MA dated 25.04.2012 and letter F.No.21(8)/2018-MA dated 09.11.2018 issued by the Ministry of Micro, Small & Medium Enterprises and letter No. NSIC/HO/BD/66/PPP/1415 dated 23.01.2015 issued by National Small Industries Corporation Ltd as follows: #Micro & Small Enterprises are eligible to get the benefits under Public Procurement Policy for Micro & Small Enterprises (MSEs) Order 2012” as notified by the Government of India, Ministry of Micro, Small & Medium Enterprises, New Delhi vide Gazette Notification dated 26.03.2012 (Traders are exempted from purview of this policy).The major benefits allowed are as under:

- a) Issue of Tender Sets free of cost.
- b) Exemption from payment of Earnest Money Deposit (EMD).
- c) In Tender participating MSEs quoting price within price band of L1 + 15% shall also be allowed to supply at least 25% of requirement by bringing down their price to L1 price where L1 is non-MSEs. Further out of this requirement of at least 25% procurement from MSEs, 4% is earmarked for units owned by Schedule Caste/Schedule Tribes and 3% reservation for Women owned MESs. In case no SC/ST and Women owned MSE is a responsive tenderer then whole procurement shall be made from responsive MSE fulfilling the above mentioned conditions.
- d) However, it cannot be split as the procurement is for one number of machines. Therefore, the clause (c) would imply that in case non-MSE firm is L1 and MSE firm quotes within L1 + 15% band then MSE firm will be asked to match the L1 price; if matched, whole order will be placed on MSE firm.

Note: Firm must submit a valid UDYAM registration certificate for tenderer items (which clearly indicates the status of firm) in order to be eligible for MSEs benefits.

(R Rajkumar)

Manager (MM)

India Government Mint, Hyderabad.

Telephone No. 040-27268300 (Extension: 122)

E-mail: Raj.kumar@spmCIL.com

Purchase.igmh@spmCIL.com

For and on behalf of

The General Manager

India Government Mint, Hyderabad.

Section II: GENERAL INSTRUCTIONS TO TENDERER (GIT)

Please refer the link <https://spmciil.com/uploaddocument/GIT/new.pdf> for the following:

- 1) *Part I: General Instructions Applicable to All Types of Tenders*
- 2) *Part II: Additional General Instructions applicable to Specific Types of Tenders*

Section III: SPECIAL INSTRUCTIONS TO TENDERER (GIT)

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) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

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

(Clauses of GIT listed below include a possibility for variation in their provisions through SIT. There could be other clauses in SIT as deemed fit.)

Sl. No.	GIT Clause No.	Topic	Modify/Substitute/ Supplement	SIT Provision
1	11.2	Tender Currency	Modify	The tenderer shall quote only in Indian rupees up to 2 decimal places.
2	16. a) to c)	Documents Establishing Tenderer's Eligibility and Qualifications	Modify	As per Section IX: Qualification / Eligibility Criteria
3	18.	Earnest Money Deposit (EMD)	Modify	Refer section VI.
4	19	Tender Validity	Modify	120 days from the date of opening of the techno-commercial bid.
5	20.4	Number of Copies of Tenders to be submitted	Modify	One copy through e-tendering portal i.e. MSTC E-Commerce (mstcecommerce.com)
6	20.8	Two Bid System	Modify	Refer section VI.

Section IV: GENERAL CONDITIONS OF THE CONTRACT (GCC)

Please refer the link <https://spmCIL.com/uploaddocument/GCC/new.pdf> for the following:

- 1) *Part I: General Conditions of Contract Applicable to All Types of Tenders*
- 2) *Part II: Additional General Conditions of Contract applicable to Specific Types of Tenders*

Section V: SPECIAL CONDITIONS OF THE 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.

(Clauses of GCC listed below include a possibility of variation in their provisions through SCC. There could be other clauses in SCC as deemed fit)

Sl.No	GCC Clause No.	Topic	Modify/Substitute/ Supplement	SCC Provision
1	6.1, 6.2, 6.3 & 6.5	Performance Bond/ Security	Modify	The supplier shall furnish performance security for an amount equal to 3% of the total value of the contract and valid up to 60 (Sixty) days beyond the date of completion of all contractual obligations by the supplier.
2	16.2,16.4	Warrantee Clause	Modify	The firm should provide standard warranty of not less than two year from the date of issue of FAC.
3	19.3	Option Clause	Modify	India Government Mint, Hyderabad reserves the right to exercise option clause up to 25% of the total ordered quantity at any time till the final delivery date of the contract by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of delivery on the same term & conditions.
4	21.	Taxes and Duties	Modify	As applicable.
5	22	Terms and Mode of payments	Modify	Payment will be paid against the satisfactory completion of work i.e. supply, installation, commissioning, testing and after successful demonstration of operation of the high resolution XRF and issue of FAC by MINT authorities.
6	24.1	Quantum of LD	Modify	If the supplier fail to deliver any or all of the goods or fail to perform the services within the time frame(s) incorporated in the contract, IGM, Hyderabad shall, without prejudice to other rights

				and remedies available to IGM, Hyderabad under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to the 0.5% of the delivered price of the delayed goods and/or services for each week of delay or part thereof until actual delivery or performance, subject to a maximum deduction of the 10% of the delayed goods' or services' contract price(s).
7	29.	Termination for convenience	Modify	India Government Mint, Hyderabad reserves the right to short close the contract upon any change in requirement of IGMH on design/specification, National consideration, user requirement and indent etc. in addition to the GCC Clause 29.

Section VI: LIST OF REQUIREMENTS

Sch. No	Brief description of goods and services (Related specifications etc. are in Section-VII)	Accounting unit	Quantity	Amount of Earnest Money (INR)	Place of Delivery for GST purpose
1	High Resolution of XRF	EA	1	Rs.46,000 (Forty Six thousand only)	India Government Mint, Hyderabad - 500051, Telangana, India.

- 1. Required Delivery Schedule/Service:** The delivery period is within 3 Months for complete supply including installation, commissioning and training of the equipment at IG Mint, Hyderabad premises from the date of issue of NAC/PO whichever is earlier.
- 2. Required Terms of Delivery:** F.O.R India Government Mint, Hyderabad.
- 3. Destination:** India Government Mint, P.B. NO. 10, H.C.L. POST, I.D.A. PHASE II, CHERLAPALLY, HYDERABAD – 500 051. (TELANGANA)

4. Earnest Money Deposit:

The required Earnest Money Deposit for the above tendered items is **Rs.46,000 (Forty Six thousand only)** shall be submitted scanned copy along with e-tender in Techno-Commercial Bid.

The EMD shall remain valid for a period of **45 days** beyond Bid Validity i.e., **120+45 = 165 days** after the date of opening of the tender. Any short validity, the tender shall be treated as unresponsive and rejected. The EMD should be in Indian Rupees only. Successful tenderer's EMD will be returned without any interest, after the receipt of Performance Security from the tenderer. Unsuccessful Tenderers EMD will be returned to them without any interest, after expiry of the tender validity period.

The firm who are registered under **Udyog Aadhar Memorandum (UAM)** as Micro & Small Enterprises (MSEs) for Manufacturing/Selling, National Small Industries Corporation (NSIC), District Industrial Centres (DIC), Small Scale Industries (SSI) for Manufacturing/Selling of **Tendered Item** may be exempted from submitting the EMD subject to the submission of valid certificate(s) during the tender validity period.

EMD must be furnished along with the tender in the form of Demand Draft/Fixed Deposit Receipt/Banker's cheque denominated in Indian Rupees drawn on any Scheduled Commercial Bank, in favour of India Government Mint, Hyderabad payable at Hyderabad.

Note: Earnest Money Deposit (EMD) in original shall be sent to the designated officer Mr. R Rajkumar, Manager (Materials), India Government Mint, Hyderabad through post or by hand so as to reach within 5 days' time of tender opening.

5. Two bid systems:

- E-Tender will consist of Two Bid system i.e. **Part I** – Techno-commercial Bid and **Part II** -Financial/ Price Bid.

- ii. The tenderer is requested to bifurcate their quotations in two parts – first part, called the ***Techno-commercial Bid***, containing the relevant technical details and documents required as per ***Annexure- I: INDEX*** of this tender document & **Part-I shall not contain any price aspects**. The Second part, Called ***Financial Bid***, contains Price quotation/Offer for the tendered item.
- iii. **Part I- Techno-commercial Bid** and **Part II- Financial/ Price Bid** are to be submitted through e-tendering portal i.e. [MSTC E-Commerce \(mstcecommerce.com\)](http://mstcecommerce.com) on or before the due date of submission of tenders.
- iv. Revealing of Price in Techno-commercial Bid would only lead for rejection of Bid.
- v. Price bid will be considered of those firms who will qualify in the Techno-commercial bid. The opening date of the financial bid will be intimated accordingly to those firms who have qualified in Techno-Commercial Bid.
- vi. All the Documents/Copies submitted by the tenderer shall be complete in every aspect with all their enclosures/ attachments ***duly numbered and signed on each and every page of the bid***.
- vii. The bidder has to sort and arrange the documents as per **Checklist** in ***Annexure- I: INDEX*** of this document and *only then* numbering of the document(s) may be done accordingly.
- viii. The duly filled **Checklist** in ***Annexure- I: INDEX*** may please be placed on top of all the documents along with Techno-commercial Bid.
- ix. Bidder has to furnish stipulated documents in support of fulfilment of qualifying criteria. Non-submission or incomplete submission of documents may lead to rejection of offer.

Annexure-I: INDEX

(Please Tick Mark appropriately for Produced/Submitted Documents)

PART -I: TECHNO-COMMERCIAL BID					
S.No	Description	Submitted		Page No.	
		YES	NO	From	To
1.	a.) Udyog Aadhaar Memorandum (UDYAM) Certificate (Or)				
	b.) Nation Small Industries Corporation (NSIC) Certificate (Or)				
	c.) District Industries Center (DIC) Certificate (Or)				
	d.) Small Scale Industries (SSI) Certificate (Or)				
	e.) Start-up Registration Certificate				
2.	EMD: Earnest Money Deposit				
3.	Tender Form: As per Section X of the Tender Document (Duly filled, stamped and Signed) (Do not reveal Price here)				
4.	Vendor Details: As per Section XII of the Tender Document (Duly filled, stamped and Signed)				
5.	Copy of PAN Certificate				
6.	Copy of GST registration Certificate				
7.	Make in India Declaration				
8.	NEFT Mandate: As per Section XIX of the Tender Document (Duly filled, stamped and Signed)				
9.	Manufacturer's Authorization Form: in the prescribed format as per Section XIV (If applicable) of the tender document or Declaration of OEM.				
10.	All the pages of Current Tender Document duly signed and stamped on every page. (Acceptance to all term and condition of the tender without any deviations)				
11.	Documentary Evidence towards Experience and Past performance as per Clause 1.of Section IX.				
12.	Documentary Evidence towards Capability, equipment and Manufacturing facilities as per Clause 2. of Section IX				
13.	Documentary Evidence towards Financial Standing as per as per Clause 3. (a), (b) & (c) of Section IX. (Tick mark the Following appropriately)				
	13.1 CA Certified Balance Sheet of FY 2018-19				
	13.2 CA Certified Balance Sheet of FY 2019-20				
	13.3 CA Certified Balance Sheet of FY 2020-21				
	13.4 CA Certified Profit & Loss Statements of FY 2018-19				
	13.5 CA Certified Profit & Loss Statements of FY 2019-20				
	13.6 CA Certified Profit & Loss Statements of FY 2020-21				
14.	Technical Specifications Clearly Mentioning Make and Model No. etc., of the Quoted Product on Firms Letterhead (Duly Signed & Stamped)				
PART II - FINANCIAL BID					
S.No	Description	Submitted		Page No.	
		YES	NO	From	To
1.	Duly filled Section XI: Price Bid				

Section VII: TECHNICAL SPECIFICATIONS

High Resolution XRF.....1 E.A

Energy Dispersive X-ray Fluorescence Spectrometer High Resolution Measuring system with suitable software and Silicon Drift Detector (SDD) fast, accurate and non-destructive elemental analysis of metals from Al (13) to U (92).

Bench Top Model jewelry alloys, Trace element analysis, Liquid analysis and plating thickness measurement. Main specifications of the instrument to be Micro-focus tungsten/molybdenum/ suitable Anode tube, air/ oil cooled thermally stabilized for extended life and stability. Minimum Six selectable primary filters for optimization of application. Minimum Standard four programmable motorized collimator with sizes of d=0.2, 0.6, 1.0 and 2.0 mm. or better Modern Silicon Drift Detector (SDD) detector; Peltier cooled; / Fast SDD detector peltier cooled Ultra-fast digital pulse processor (DPP) or equivalent Qualitative and Quantitative analysis of various elements in an alloy matrix.

Analysis range: Atomic Number Z=13 (Al) to Z=92 (U) which includes Gold, Silver, Copper, Zinc, Lead, Indium, Nickel, Palladium, Cadmium including all Platinum group metals, osmium, rhodium, iridium

Detection range: 0 to 99.99%

Resolution: < 140 eV FWHM at Mn K-alpha or better

Measuring Distance - 0 - 25 mm or better able to measure composition of inner side of curved items like bangles High resolution CCD color camera for optical monitoring with perpendicular viewing of the measuring spot, easy optical focusing on the measurement spot with suitable mechanism Fixed specimen support with integrated video-microscope, cross hair, beam indicator, LED illumination and magnification for quick and easy sample placement; Loaded with user friendly operating software which is all inclusive-complete, easy to use . Advanced fundamental parameter method for standard free measurement for solid metals, coating systems as well as liquid samples. Calibration with certified standards ensuring highest accuracy and traceability of measurement results.

Accessories supplied along with instrument - pure element reference plate, tools, cable set and all other essential and optimal accessories. with minimum inclusions: Standards to be provide for cross check /calibration, appropriate plating thickness standards to be provided. Measurement method to be meeting requirements of DIN ISO 3497 and ASTM B 568. System to be supplied with a PC and a printer with minimum configuration of Latest generation, branded desktop computer system to be supplied with the quoted EDXRF system

Hard disk drive (1 TB)

RAM: 8GM

Intel core i7 (4th generation) processor

Microsoft® Windows 10 Pro (64-bit)

24" Widescreen Flat Panel Display, USB keyboard and mouse.

Online UPS: Branded 2 KV online UPS for providing uninterrupted power supply to the instrument with backup of minimum 2 hrs.

Isolation Transformer: Branded isolation transformer (2KV)

Radiation Certificate: It shall have approval for radiation safety by highest national or international approved authority

Exposure protection: Instrument should have appropriate radiation exposure protection features.

AERB Approval: Instrument should have approval from Atomic Energy Regulatory Board(AERB) to use it in India.

Vendor has to provide at least 5 references in India/LBMA refineries the quoted system supplied.

User Manual: Vendor has to provide 1 hard and 1 softcopy of user manual and two years warranty.

AMC: Vendor to quote for 3 years AMC charges after completion of warranty period.

Section VIII: QUALITY CONTROL REQUIREMENTS

The quality control requirement shall be in line with Section VII: Technical specifications.

Section IX: QUALIFICATION/ ELGIBILITY CRITERIA

1. Experience & Past Performance:

Bidder firm should have manufactured, supplied, installed & commissioned at least one number of similar types of High Resolution XRF in any one year during last five years ending on the previous day of tender opening date.

Note: *Copies of work orders/award letters along with certificates of successful completion of the similar job/ services executed by the bidders during last 5 years ending on date of previous day of tender opening date as a supporting document shall be attached with techno-commercial bid.*

2. Capability, Equipment & Manufacturing Facilities:

The bidder must have annual capability to manufacture and supply of High resolution XRF and should submit documentary proof like copies of past purchase orders and work performance certificates etc.

Note:

- a. At the discretion of the Competent Authority of IGM, Hyderabad the Capacity / Capability Assessment / Verification of bidder / manufacturer firm(s) might be undertaken by Committee or through a third-party Technical Consultancy / Inspection agency to ensure that the firm is/are identified and capable to supply the item/material/product as required.*
- b. All experience, past performance and capacity/capability related/date should be certified by the authorized signatory of the bidder firm. The credentials regarding experience and past performance to the extent required as per eligibility criteria submitted by bidder may be verified from the parties for whom work has been done.*

3. Financial standings:

- a) The Average Annual Turnover of the Bidder firm during the last three Financial Years ending on 31.03.2021 i.e., 2018-19, 2019-20 and 2020-21 should be more than Rs.9.15 lac as per annual report (audited balance sheet and Profit & Loss sheet) of the last three Financial Years i.e., 2018-19, 2019-20 and 2020-21, duly authenticated by a Chartered Account/Cost Accountant in India.
- b) Bidder Firm should not have suffered any financial loss for more than one year during the last three years up to Financial Year ending on 31.03.2021 i.e., 2018-19, 2019-20 and 2020-21.
- c) The net worth of the firm should
 - i. The net worth of the bidder should not be negative on 31.03.2021.
 - ii. Not have eroded by more than 30% in the last three years up to Financial Years ending 31.03.2021 i.e., 2018-19, 2019-20 and 2020-21.

- 4.** Firms which come under Micro & Small Enterprises and start-up are exempted from Experience & Past Performance (Point No.1) and Financial Standing (Point No.3 (a)) of qualification and eligibility criteria subject to submission of valid UDYAM registration certificate for the Tendered Item (which clearly indicates the status of firm) in order to be eligible for MSE benefits which should be valid at least during the validity of tender.

Section X: TENDER FORM

Date.....

To

.....
.....
.....

(Complete address of I.G Mint, Hyderabad)

Ref: Your Tender document No. Dated.....

We, the undersigned have examined the above-mentioned tender enquiry document, including amendment No. -----, dated ----- (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver..... (description of goods and services) in conformity with your above referred document for the sum shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 6, read with modification, if any, in Section V – “Special Conditions of Contract”, for due performance of the contract.

We agree to keep our tender valid for acceptance for a period up to -----, as required in the GIT clause19, read with modification, if any in Section-III – “Special Instructions to Tenderers” or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender upto the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We confirm that in case of downloaded Tender Document, we have not changed/ edited its contents. We realise that in case any such change is noticed at any stage including after the award of contract, we would be liable to action under clause 44 of the GIT.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

We also solemnly declare as under:

1. MSMEs Status:

Having read and understood the Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 (as amended and revised till date), and solemnly declare the following:

☐ Company /Partnership Firm /Proprietary Concern / Society/Trust / NGO/Others (Please Specify):
.....

☐ Micro/ Small / Medium Enterprise/ SSI/ Govt. Deptt. / PSU/ Others:

☐ Name of MSME Registering Body (NSIC/ DIC/ KVIC/KVIB etc.):

☐ MSME Registration no. (with copy of registration):

☐ Udyog Aadhaar Memorandum no:

☐ Whether Proprietor/ Partner belongs to SC/ ST or Women category. (Please specify names and percentage of shares held by SC/ST Partners):

2. Make in India Status:

Having read and understood the Public Procurement (Preference to Make in India PPP_MII) Order, 2017 (as amended and revised till date) and related notifications from the relevant Nodal Ministry/ Department, and solemnly declare the following:

a) Self-Certification for category of supplier:

- ☐ Class-I Local Supplier/
- ☐ Class-II Local Supplier/
- ☐ Non-Local Supplier.

b) We also declare that

- ☐ There is no country whose bidders have been notified as ineligible on reciprocal basis under this order for offered product, or
- ☐ We do not belong to any Country whose bidders are notified as ineligible on reciprocal basis under this order.

3. Restrictions on procurement from bidders from a country or countries, or a class of countries under Rule 144 (xi) of the General Financial Rules 2017

Having read and understood the Order (Public Procurement No. 1) issued vide F.No.6/18/2019-PPD dated 23rd July 2020 (and its amendments if any) by Department of Expenditure, Ministry of Finance under the above provision and solemnly declare the following:

- ☐ We do not belong to any Country whose bidders are notified as ineligible under this order

4. Debarment Status: Please state whether business dealings with you currently stand suspended/ banned by any Ministry/ Deptts. of Government of India or by any State Govt:

- ☐ Yes (with period of Ban)
- ☐ No, We, solemnly declare that neither we nor any of our affiliates or subsidiaries – including subcontractors or suppliers for any part of the contract – do not stand declared ineligible/ blacklisted/ banned/ debarred by any Government Agency anywhere in the world, for participating in its tenders, under that country's laws or official regulations.

5. Penalties for false or misleading declarations: I/we hereby confirm that the particulars given above are correct and complete and also undertake to advise any future changes to the above details. We understood that any wrong or misleading self-declaration by us would be violation of code of Ethics and would attract penalties as mentioned in this tender document, including debarment.

.....
(Signature with date)

.....
(Name and designation)

Duly authorized to sign tender for and on behalf of

.....
.....

Section XI: PRICE SCHEDULE

Tender No:

Tender Date:

Subject:

Bidder Name & Address:

SN	Description	Quantity	Amount
1	High Resolution XRF	1 EA	
2	Supply, installation, commissioning, testing & training	1 AU	
3	Other charges (if any)		
4	GST%		
5	Total		

Note:

- 1.Rates should be quoted FOR IG Mint, Hyderabad
2. AMC for three years after completion of warranty period is to be quoted by the bidder. However, AMC charges will not be considered for arriving at L-1 and placement of order.
- 2.All the charges should be clearly specified in the appropriate column.
- 3.Cutting/Overwriting should be avoided.
- 4.No conditional tender will be accepted.
- 5.Bidder firm shall quote strictly as per Price bid format above failing to which the offer shall be summarily rejected.

Section XII: VENDOR DETAILS

The tenderer should furnish specific details mentioned below. In case a question/ issue does not apply to a tenderer, the same should be answered with the remark “not applicable”.

Wherever necessary and applicable, the tenderer shall enclose certified copy as documentary proof/ evidence to substantiate the corresponding statement.

In case a tenderer furnishes a wrong or misleading answer against any of the under mentioned question/ issues, its tender will be liable to be ignored.

1. Vendor/ Contractor particulars:

- a.** Name of the Company:
- b.** Corporate Identity No. (CIN):
- c.** Registration if any with SPMCIL:
- d.** Complete Postal Address:
- e.** Pin code/ ZIP code:
- f.** Telephone nos. (with country/area codes):
- g.** Fax No.: (with country/area codes):
- h.** Cell phone Nos.: (with country/area codes):
- i.** Contact persons /Designation:
- j.** Email IDs:

2. Taxation Details:

- a.** PAN number:
- b.** Type of GST Registration (Registered, Unregistered, Composition, SEZ, RCM etc.):
- c.** GSTIN number:
- d.** Registered Address as per GST registration and Place of Delivery for GST Purpose:
- e.** Contact Names, Nos. & email IDs for GST matters (Please mention primary and secondary contacts):
.....

- ☐ We solemnly declare that our GST rating on the GST portal / Govt. official website is NOT negative / blacklisted during the last three financial years.

.....
(Signature with date)

.....

.....

(Full name, designation & address of the person duly authorized sign on behalf of the tenderer)

For and on behalf of

.....

.....
(Name, address, and stamp of the tendering firm)

Section XIII: BANK GUARANTEE FORM FOR EMD

BANK GUARANTEE FOR BID GUARANTEE

(ON BANK'S LETTER HEAD WITH ADHESIVE STAMP)

-----Not Applicable-----

Section XIV: MANUFACTURER'S AUTHORIZATION FORM

To
.....
..... (Name and address of SPMCIL)

Dear Sirs,

Ref. Your Tender Document No....., dated

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

We further confirm that no supplier or firm or individual other than Messrs. (name and
address of the above agent) is authorized to submit a tender, process the same further and enter into a
contract with you against your requirement as contained in the above referred tender enquiry documents for
the above goods manufactured by us.

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

Yours faithfully,

.....

.....

[Signature with date, name, and designation]

for and on behalf of Messrs.....

[Name & address of the manufacturers]

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

Section XV: BANK GUARANTEE FORM FOR PERFORMANCE SECURITY

**PERFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE
GUARANTEE BOND.**

(ON BANK'S LETTERHEAD WITH ADHESIVE STAMP)

Ref.....

Date.....

Bank Guarantee No

To,

The Chief General Manager,

India Government Mint, Hyderabad

Dear Sir,

1. Against contract vide Notification for Award of the Tender No dated covering supply of..... (Hereinafter called the 'contract') entered into between the **(insert name of Purchaser)** (Herein after called as the Purchaser) and M/s. (Here in after called the 'Contractor'), this is to certify that, at the request of the Contractor, we..... **(Name of the bank)**, are holding in trust in favour of the Purchaser, the amount of..... **(write the sum here in words)**, to indemnify and keep indemnified the Purchaser, against any loss or damage that may be caused to, or suffered by the Purchaser, by reason of any breach by the Contractor of any of the terms and conditions of the said contract and/or in the performance thereof. We agree that the decision of the Purchaser, whether any breach of any of the terms and conditions of the said contract and/or in the performance thereof has been committed by the Contractor; and the amount of loss or damage that has been caused or suffered by the Purchaser, shall be final| and binding on us, and the amount of the said loss or damage shall be paid by us, forthwith on demand and without demur to the Purchaser.
2. We..... **(name of the bank)**, further agree that, the guarantee herein contained, shall remain in full force and effect, for sixty days after the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the BUYER, including warranty period whichever is later, i.e. till, (hereinafter called the 'said date') and that if any claim accrues or arises against us..... **(Name of the bank)**, by virtue of this guarantee before the said date, the same shall be enforceable against us..... **(name of the bank)**, notwithstanding the fact that the same is enforced within six months after the said date, provided that notice of any such claim has been given to us, **(Name of the bank)**, by the Purchaser, before the said date. Payment under this bond of guarantee shall be made promptly, upon our receipt of notice to that effect, from the Purchaser.

3. It is fully understood that this guarantee is effective from the date of the said contract and that we..... **(Name of the bank)**, undertake not to revoke this guarantee during its currency, without the consent in writing of the Purchaser.
4. We undertake to pay to the Purchaser, any money so demanded, notwithstanding any dispute or disputes raised by the Contractor, in any suit or proceeding pending before any Court or Tribunal, relating thereto, our liability under this present, being absolute and unequivocal. The payments so made by us under this bond, shall be a valid discharge of our liability for payment thereunder, and the Contractor shall have no claim against us, for making such payments.
5. We..... **(name of the bank)**, further agree that the Purchaser shall have the fullest liberty, without affecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said contract, or to extend time of performance by the Contractor, from time to time, or to postpone for any time or form, time to time, any of the powers exercisable by the Purchaser, against the said Contractor and to for bear or enforce any of the terms and conditions relating to the said contracts and we..... **(name of the bank)**, shall not be released from our liability under this guarantee, by reason of any such variation or extension being granted to the said Contractor, or for any forbearance and/or omission on the part of the Purchaser, or any indulgence by the Purchaser towards the said Contractor, or by any other matter or thing whatsoever, which under the law relating to sureties, would, but for this provision, have the effect of so releasing us from our liability under this guarantee.
6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

Date

Place

Signature
(Printed Name)
(Designation)

Witnesses

(Bank's Common Seal)

Section XVI: CONTRACT FORM

INDIA GOVERNMENT MINT

P.B. NO. 10, H.C.L. POST, I.D.A. PHASE II, CHERLAPALLY, HYDERABAD – 500 051. (TELANGANA)

Contract No..... dated.....

This is in continuation to this office' Notification of Award No..... dated.....

1. Name & address of the Supplier:
2. IGM's Tender document No..... dated..... and subsequent Amendment No....., dated..... (If any), issued by IGM, HYD.
3. Supplier's Tender No..... dated..... and subsequent communication(s) No..... dated (If any), exchanged between the supplier and IGM in connection with this tender.
4. In addition to this Contract Form, the following documents etc, which are included in the documents mentioned under paragraphs 2 and 3 above, shall also be deemed to form and be read and construed as part of this contract:
 - (i) General Conditions of Contract;
 - (ii) Special Conditions of Contract;
 - (iii) List of Requirements;
 - (iv) Technical Specifications;
 - (v) Quality Control Requirements;
 - (vi) Tender Form furnished by the supplier;
 - (vii) Price Schedule(s) furnished by the supplier in its tender;
 - (viii) Manufacturers' Authorisation Form (if applicable for this tender);
 - (ix) SPMCIL's Notification of Award

Note: The words and expressions used in this contract shall have the same meanings as are respectively assigned to them in the conditions of contract referred to above. Further, the definitions and abbreviations incorporated under Section – V - 'General Conditions of Contract' of SPMCIL's Tender document shall also apply to this contract.

5. Some terms, conditions, stipulations etc. out of the above-referred documents are reproduced below for ready reference:

(i) Brief particulars of the goods and services which shall be supplied/ provided by the supplier are as under:

Schedule No.	Brief description of goods/ services	Accounting unit	Quantity to be supplied	Unit Price (in Rs.)	Total Price
--------------	--------------------------------------	-----------------	-------------------------	---------------------	-------------

Any other additional services (if applicable) and cost there of:

(i) Total value (in figure) _____ (in words) _____

(ii) Delivery schedule

(iii) Details of Performance Security

(iv) Quality Control

(a) Mode(s), stage(s), and place(s) of conducting inspections and tests.

(b) Designation and address of SPMCIL's inspecting officer

(v) Destination and despatch instructions

(vi) Consignee, including port consignee, if any

(vii) Warranty clause

(viii) Payment terms

(ix) Paying authority

.....

(Signature, name, and address of SPMCIL's authorized official)

For and on behalf of.....

Received and accepted this contract.....

(Signature, name, and address of the supplier's executive duly authorized to sign on behalf of the supplier)

For and on behalf of.....

(Name and address of the supplier)

.....

(Seal of the supplier)

Date:

Place:

**Section XVII: LETTER OF AUTHORITY FOR ATTENDING A
PRE-BID CONFERENCE/BID OPENING**

(Refer to clause 24.2 of GIT)

To,
The Chief General Manager,
India Government Mint,
P.B. NO. 10, H.C.L. POST,
I.D.A. PHASE II, CHERLAPALLY,
HYDERABAD – 500 051. (TELANGANA)

Subject: Authorization for attending bid opening on _____ (date) in the Tender of _____.

Following persons are hereby authorized to attend the bid opening for the tender mentioned above on behalf of _____

(Bidder) in order of preference given below.

Order of Preference	Name	Specimen Signature
I.		
II.		
Alternate Representative		
Signature of bidder or Officer authorized to sign the bid Documents on behalf of the bidder.		

Note:

1. Maximum of two representatives will be permitted to attend pre-bid conference/ bid opening. In cases where it is restricted to one, first named representative will be allowed to attend. Alternate representative will be permitted when regular representatives are not able to attend.
2. In case of pre-bid conference, self-attested copy of proof of purchase of Bid documents, in the name of the bidder must be enclosed with this authorization, without which entry would be refused. Bid documents would be available for sale at the site also.
3. Permission for entry to the hall where even is held may be refused in case authorization as prescribed above is not produced.

Section XVIII: PROFORMA OF BILLS FOR PAYMENTS

(Refer to clause 22.6 of GCC)

Name and Address of the Firm.....

Bill No.....

Dated.....

Purchase order.....No.....Dated.....

Name and address of the consignee.....

S.No	Authority for purchase	Description of Stores	Number or quantity	Rate Rs. P	Price per Rs. P	Amount
Total						

1. GST/ CGST/ SGST/ UTGST/ IGST Amount

2. Freight (if applicable)

3. Excise Duty (if applicable)

4. Packing and Forwarding charges (if applicable)

5. Others (Please specify)

6. PVC Amount (with calculation sheet enclosed)

7. (-) deduction/Discount

8. Net amount payable (in words Rs.)

Dispatch detail RR No. other proof of despatch.....

Dated..... (Enclosed)

Inspection Certificate No.....Dated..... (Enclosed)

Place and Date

Received Rs.....

(Rupees).....

We solemnly certify that:

- a. Goods and Services Tax (GST) charged on this Bill is not more than what is payable under the provision of the relevant Act or the Rules made there under.
- b. Goods on which GST has been charged have not been exempted under the GST Act or the rules made there under and the charges on account of GST on these goods are correct under the provisions of that Act or the Rules made there under.

- c. We are registered with above indicated GSTIN as dealer in the State where in their Billing address is located for the purpose of GST.
- d. This bill form / invoice is not a replacement for the GST invoice. The proper GST invoice as per requirements of GST rules has been sent to the Purchaser as and when deliveries are made to the consignee.
- e. That the payment being claimed is strictly in terms of the contract and all the obligations on the part of the supplier for claiming that payment has been fulfilled as required under the contract.

Revenue stamp

Signature and of Stamp Supplier

Section XIX: NEFT MANDATE

(Refer to clause 22.2 of GCC)

From: M/s.

Date:

To:

The Chief General Manager,
India Government Mint,
P.B. NO. 10, H.C.L. POST,
I.D.A. PHASE II, CHERLAPALLY,
HYDERABAD – 500 051. (TELANGANA)

Sub: NEFT payments

We refer to RBI's NEFT scheme. Our mandate SPMCIL for making payments to us through the above scheme to our under noted account.

NATIONAL ELECTRONIC FUNDS TRANSFER MANDATE FORM

1.	Name of City	
2.	Bank Code No.	
3.	Branch Code No.	
4.	Bank's Name	
5.	Branch Address	
6.	Branch Telephone /Fax No.	
7.	Supplier's Account No.	
8.	Types of Account	
9.	IFSC code for NEFT	
10.	IFSC code for RTGS	
11.	Supplier's name as per Account	
12.	MICR Code no.	

In Lieu of Bank Certificate to be obtained as under, please attach a bank cancelled cheque or photocopy of a cheque or front page of your bank passbook issued by your bank for verification of the above particulars.

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the user institution

responsible. I have read the option intimation letter and agree to discharge responsibility expected of me as a participant under the scheme.

Date

Signature of the Customer

Certified that the above particulars are correct as per our record.

Stamp and
Signature of authorized
official of the bank

Section XX: INTEGRITY PACT

(Ref Para 44.3 of GIT)

(To be signed on Plain Paper)

-----Not Applicable-----