



CURRENCY NOTE PRESS

(A UNIT OF Security Printing and Minting Corporation of India Limited) Wholly owned by Government of India

Nashik Road # 422101 (Maharashtra)

(ISO : 9001 & ISO 14001 Certified Unit)

Tel. No 00- 91-253-2463730-39, 2461471

Fax No:00-91-2532464100 CIN: U22213DL2006GOI144763

Web: www.cnpnashik.spmcil.com E-mail: gmcnp@spmCIL.com

GSTIN : 27AAJCS6111J3Z6

PR Number	PR Date	Indenter	Department
12004240	22.03.2022	CNE Cell	CNE CELL

Not Transferable

Security Classification:

**TENDER DOCUMENT FOR PURCHASE OF: PROCUREMENT OF
VSC-8000 HS FOR CNE CELL ON PAC BASIS**

Tender Number: 6000017473/CNECELL, Dated: 20.06.2022

This Tender Document Contains _____ Pages.

Details of Contact person in SPMCIL regarding this tender:

Name: V KIRAN KUMAR
Designation: Jt. General Manager (MM)
Address: CNPN (Currency Note Press, Nashik)
India

Section1: Notice Inviting Tender (NIT)

6000017473 /CNECELL

20.06.2022

(SPMCIL's Tender SI No.)

(Date)

1. Sealed tenders are invited from eligible and qualified tenderers for supply of following goods & services:

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
1	VSC-8000 HS	1.000 nos	0.00INR	
Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)			ONE-BID PROPRIETARY ARTICLE CERTIFICATE	
Dates of sale of tender documents:			From 20.06.2022 to 21.07.2022 during office hours.	
Place of sale of tender documents			PURCHASE DEPARTMENT, CURRENCY NOTE PRESS, NASHIK ROAD	
Closing date and time for receipt of tenders			22.07.2022 14:30:00	
Place of receipt of tenders			PASS SECTION, CURRENCY NOTE PRESS, NASHIK ROAD	
Time and date of opening of tenders			22.07.2022 15:00:00	
Place of opening of tenders			PURCHASE DEPARTMENT, CURRENCY NOTE PRESS, NASHIK ROAD	
Nominated Person/ Designation to Receive Bulky Tenders (Clause 21.21.1 of GIT)			V KIRAN KUMAR Jt. General Manager (MM)	

1. The quotation must be in the form furnished by procuring entity and should be in ink free from corrections / erasures. In case there is any unavoidable correction it should be properly attested, otherwise the quotation will not be considered.

2. Quotation will be opened on due date at 3.00 p.m. at the indicated venue in presence of tenderer or their representatives who may wish to be present.

3. The Purchaser reserves the right to accept the offer by individual items and reject any or all tenders without assigning any reason thereof and does not bind itself to accept lowest quotations.

4. Participation in this tender is by invitation only. Unsolicited offers are liable to be ignored. However, vendors who desire to participate in such tenders in future may bring it to the notice of Procuring Entity and apply for registration as per procedure. Note: To get registered as approved supplier with procuring entity, please download supplier approval form from SPMCIL WEBSITE www.spmcil.com and submit.

5. Manufacturer's name and country of origin of materials offered must be clearly specified. Please quote whether your organization is large scale industry or small-scale industry. If you have NSIC/ SSI/ MSI. certificate, please attach it to the quotation. Mention your registration details.

6. Complete details and ISI specification if any must accompany the quotation. Make/ Brand of the item shall be stated wherever applicable. If you have got any counter offer as suitable to the material required by us, the same may be shown separately.

7. Samples must be submitted where specified along with the quotations. Samples must be carefully packed, sealed and labeled clearly with enquiry number, subject and sender's name for easy identification. Rejected samples will be returned at your cost if insisted.



Tender Number:6000017473

8. All drawings sketches and samples if any sent along with this enquiry must be returned along with quotations duly signed.
9. All supplies are subject to inspection and approval before acceptance. Manufacturer/ Supplier Warranty Certificates and Manufacturer/ Government Approved Lab Test Certificate shall be furnished along with the supply, wherever applicable.
10. The Purchaser reserves the right to modify the quantity specified in this enquiry.
11. The prices quoted should be firm till the supplies are completed. Please quote the rates in words and figures. Rates quoted should be free delivery at destination including all charges otherwise the quotation is likely to be rejected.
Price quoted for free delivery at destination will be given preference. If there is no indication regarding the FOR, in the quotation, then it will be considered as F.O.R. Destinations. Price quoted should be net and valid for a minimum period of three months from the date of opening of the quotation.
12. Payment of GST is primarily the responsibility of the seller and will not be paid unless the percentage value is clearly mentioned in the quotations. If no indication regarding GST is recorded in the quotation, the GST will be considered as included.
13. Delivery Period required for supplying the material should be invariably specified in the quotation.
14. In case your quotation is accepted, and order is placed on you, the supply against the order should be made within the period stipulated in the order. Purchaser reserves the right to recover any Loss sustained due to delayed delivery by way of penalty. Failure to supply the material within the stipulated period shall entitle the Purchaser for imposition of Penalty without assigning any reasons @ 1/ 2% of the total value of the item covered in order as Penalty per day subject to a maximum of 5% unless extension is obtained in writing from the office on valid ground before expiry of delivery period.
15. If the deliveries are not maintained and due to that account the Purchaser is forced to buy the material at your Risk and Cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.
16. Dispute Clause: Any dispute relating to the enquiry shall be subject to the jurisdiction of the court at NASHIK only.
17. Our normal payment terms are 100% within 30 days on receipt and acceptance of material at our site in good condition.
18. The supplier shall furnish the performance security amount/ Security Deposit(S.D) (03% of the ordered value) after issue of Purchase order by CNP, Nashik Road in favour of SPMCIL, Unit CNP, payable at Nashik. The performance security will be return back without any interest to successful bidder after the completion of all contractual obligations.
19. Submit quotation as per enclosed format.

Yours faithfully

Joint General Manager(Materials)
For Chief General Manager
Currency Note Press, Nashik Road

Copy to : M/s. Foster & Freeman
Limited, Vale Park,



Tender Number:6000017473

Evesham,
Worcestershire Wr11 1TD, UK
Ph no. +44 (0) 1386768050
Email : sales@fosterfreeman.com

.....

.....
(Name Designation, Adress telephone number etc
of the officer signing the document)

For and on behalf of
.....



Tender Number:6000017473

Section II: General Instructions to Tenderers (GIT)

Part 1: General Instructions Applicable to all type of Tenderers

Please CLICK the link for further details

<https://spmCIL.com/uploaddocument/GIT/new.pdf>

Bidders are requested to download 61 pages by clicking the above given link and submit the same duly stamped and signed along with tender document. Unsigned/stamped printouts of these pages are not acceptable.

Section III: Specific Instructions to Tenderers (SIT)

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/ substitute/ supplement the corresponding General Instructions to Tenderers (GIT) 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.)

Sr No	GIT Clause No.	Topic	SIT Provision
01	3.	ELIGIBLE TENDERERS	This tender is by invitation to PAC certificate holder
02	3.4	ELIGIBLE GOODS AND SERVICES (ORIGIN OF GOODS)	Not Applicable
03	6.1	THE TENDER DOCUMENTS INCLUDES:	Applicable
04	8	PREBID CONFERENCE	Not Applicable
05	9	TIME LIMIT FOR RECEIVING REQUEST FOR CLARIFICATION OF TENDER DOCUMENTS	No change
06	10.1	THE TECHNICAL BID TO BE SUBMITTED BY TENDERER SHALL CONTAIN THE FOLLOW	No Change
07	11.2	TENDER CURRENCY	Supplier is requested to quote price within 2 Decimal place.Quotation with price quote beyond 2 decimal place is ignored.
08	12.1	TENDER PRICES	Not Applicable
09	12.2, 33, 36.1	SCHEDULE WISE EVALUATION	Not Applicable
10	12.6	GST DETAILS	No Change
11	14	PVC CLAUSE & FORMULA	Not Applicable
12	14.4 TO 14.7	EXCHANGE RATE VARIATION (ERV)	Not Applicable
13	16.2 A) TO C)	DOCUMENTS ESTABLISHING TENDERER#S ELIGIBILITY AND QUALIFICATIONS	a) Applicable b) Not applicable c) Not applicable
14	18.4, 18.5	EARNEST MONEY DEPOSIT (EMD)	Not Applicable
15	19	TENDER VALIDITY	120 Days from the date of tender opening
16	20.4	NUMBER OF COPIES OF TENDERS TO BE SUBMITTED	Single Copy (Original)
17	20.8	TWO BID SYSTEM	Not Applicable
18	20.9	E-PROCUREMENT	Not Applicable
19	34. AND 35.1	COMPARISON ON CIF DESTINATION BASIS	FOR CNP Nashik Road Basis
20	35.2 TO 35.6	ADDITIONAL FACTORS FOR EVALUATION OF OFFERS AND PREFERENTIAL SCHEMES	Not Applicable
21	43	PARALLEL CONTRACTS	Not Applicable

Sr No	GIT Clause No.	Topic	SIT Provision
22	44.1	SERIOUS MISDEMEANOURS	No Change
23	44.3	INTEGRITY PACT	Not Applicable
24	45.1	NOTIFICATION OF AWARD	No Change
25	50.	APPLICABILITY OF ADDITIONAL GIT FOR RATE CONTRACTS	Not Applicable
26	51.	APPLICABILITY OF ADDITIONAL GIT FOR PQB TENDERS	Not Applicable
27	52.	APPLICABILITY OF ADDITIONAL GIT FOR TENDERS INVOLVING SAMPLES	Not Applicable
28	53.	APPLICABILITY OF ADDITIONAL GIT FOR EOI TENDERS	Not Applicable
29	54.	APPLICABILITY OF ADDITIONAL GIT FOR TENDERS FOR DISPOSAL OF SCRAP	Not Applicable
30	55.	APPLICABILITY OF ADDITIONAL GIT FOR DEVELOPMENT/ INDIGENIZATION TENDER	Not Applicable



Tender Number:6000017473

Section IV: General Conditions of Contract (GCC)

Please CLICK the link for further details

<https://spmCIL.com/uploaddocument/GCC/new.pdf>

Bidders are requested to download 36 pages by clicking the above given link and submit the same duly stamped and signed along with tender document. Unsigned/stamped printouts of these pages are not acceptable.

Section V: Special Conditions of Contract (SCC)

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

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

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

Sl.No	GCC Clause No.	Topic	SCC Provision
02	6.1, 6.3 & 6.5	PERFORMANCE BOND/ SECURITY	03 % of the total contract price valid for 60 days beyond completion of contractual obligations including warranty period
03	8.2	PACKING AND MARKING	Applicable
04	9	INSPECTION AND QUALITY CONTROL	Applicable
05	11.2	TRANSPORTATION OF DOMESTIC GOODS	No Change
06	12.	INSURANCE	No Change
07	14.1	INCIDENTAL SERVICES	Not Applicable
08	15	DISTRIBUTION OF DESPATCH DOCUMENTS FOR CLEARANCE/ RECEIPT OF GOODS	Not Applicable
09	16.2, 16.4	WARRANTEE CLAUSE	Applicable; Twelve Months from the Date of Acceptance of material.
10	19.3	OPTION CLAUSE	Applicable
11	20.1	PRICE ADJUSTMENT CLAUSE	Not Applicable
12	21.	TAXES AND DUTIES	If the tenderer fails to include taxes and duties in the tender, no claim thereof will be considered by purchaser afterwards.
13	22.	TERMS AND MODE OF PAYMENTS	100% Payment will be made within 30 days after receipt acceptance of material by CNP against each delivery as per delivery schedule
14	24.1	QUANTUM OF LD	Applicable (The Applicable GST if LD is levied will be collected from the firm's invoice).
15	25.1	BANK GUARANTEE AND INSURANCE FOR MATERIAL LOANED TO CONTRACTOR	Not Applicable
16	33.1	RESOLUTION OF DISPUTES	No Change
17	36.3.2,36.3.9	DISPOSAL/ SALE OF SCRAP BY TENDER	Not Applicable

Section VI: List of Requirements

Schedule No.	Breif Description of goods and services (Related Specifications etc. are in Section-VII)	Accounting Unit	Quantity	Amount of Earnest Money	Remark
1	VSC-8000 HS	nos	1.000	0.00INR	

1. Required Delivery Schedule: The material should be supplied within 6 months from the date of Purchase Order.
2. Purchaser reserves the right to alter the delivery schedule as per requirement.
3. Required Terms of Delivery: - FOR Currency Note Press, Nashik Road.
4. Destination: - Currency Note Press, Jail Road, Nashik Road # 422101
5. Preferred Mode of Transportation: - By Road.
6. Bid Validity: 120 days from due date of tender.
7. Bidder have to open the link provided in Section II, IV & XII onwards and take print out of all the documents available and then sign and stamp each and every paper and submit along with the technical tender.
8. All the copies of tenders shall be complete in all respects with all their attachments/enclosures duly numbered.
9. The total cost inclusive of all elements as cited above on FOR Currency Note Press, Nashik Road basis should be indicated clearly both in words and figures in the price bid.
10. Bidders has to submit Bank details i.e.
 - a] Account Number :
 - b] Bank Name:
 - c] Branch:
 - d] IFSC Code:



Annexure:I

Unit Currency Note Press, Nashik of Security Printing and Minting Corporation of India Limited

Firm's Reference		Date	
Email		Limited Tender/ Proprietary Procurement Form	Proprietary Procurement Form
Phone			
Fax			
Telex			
M/s:	M/s. Foster & Freeman Limited Vale Park, Evesham, Worcestershire Wr11 1TD, U.K. +44 (0) 1386768050 Email : sales@fosterfreman.com	Enquiry No and Date	6000017473 dated 20.06.2022
		Date of Tender opening	22.07.2022
		The Tender would be opened at 3 pm on the date of tender opening above, at the address mentioned above.	

Please submit on or before 3:00 pm on date of tender opening, your quotation for following goods, in accordance with the Terms and Conditions printed overleaf, in a sealed cover, marked on top with - Enquiry No; Date of Tender opening.
Yours Sincerely

Asstt/ Purchase Officer

Tender Schedule

Sr No	Description and Specification of Material	Quantity	Unit	Delivery Required	In figure and in words Rs.		Taxes & Duties
					Rate per unit	Value	
1	Video Spectral Comparator (VSC-8000 HS) Latest version with the following necessary accessories.	01	No.				
	i) Embedded personal information decoder module	01	No.				

	ii) VSC 8000 calibrator	01	No.				
	iii) Reference database of bank notes (VSC/DB/Archive/C)	01	No.				
	iv) License for annual subscription	01	No.				
	v) Magnetic security feature imager (V8/MSFI/2)	01	No.				

Enclosed Specifications/ Drawings/ Special Conditions of Contract:

1. As per Annexure - I
- 2.

Item/ Tender Specific Conditions of this tender:

1. As per Section - I
- 2.

I/ We engage to supply the material(s) to your office and comply the following:

1. Tender Schedule and Technical Specification indicated
2. Item/ Tender specific conditions for this tender.
3. I/ we confirm that set off for the GST etc. paid on the inputs have been taken into consideration in the above quoted price and further agree to pass on such additional duties as sets offs as may become available in future under GST etc.
4. This offer is valid for 90 days from the date of opening of tender.

Signature & seal Place & Date:		Name of Authorized Signatory:	
Address:		Tel. No/ Fax. No / Mobile No Email ID:	



Section VII : Technical Specification

VSC-8000/HS VIDEO SPECTRAL COMPARATOR for Forensic Examination of Bank Notes

Currency Note Press, Nasik, A unit of Security Printing and Minting Corporation of India Ltd. (SPMCIL), wholly owned by Government of India intends to procure 01 No. VSC-8000/HS VIDEO SPECTRAL COMPARATOR for Forensic Examination of Bank Notes, FICN for Currency Note Press, Nasik Road as per the details given below.

1. Technical Specifications:-

1. Colour /IR high resolution live 12 M pixel camera.
2. Spectral range of 350 to 1100nm with 55x optical range.
3. Providing standard field of view from 1.5 X 1mm to 220 X 165 mm equivalent to a magnification up to 250 X on a 32", 4 K monitor.
4. Digital zoom up to 8x giving image magnification up to 2400x.
5. 280x210mm field of view using x-y stage.
6. Enhanced field of view to standard A4/ letter size with supplementary registration guide.
7. Super Resolution Imaging (SR) up to 120M pixel.
8. Automatic and manual control image integration from 0.69 millisecond to 180 seconds.
9. Automatic and manual control of camera contrast, brightness and gamma.
10. Imaging filters containing
 - i) Two imaging filter wheels contain a visible wavelength filter.
 - ii) 15 long pass filters 530,550,570,590,610,630,645,665,695,715,725,780,830,850 & 925 nm.
 - iii) UV pass filter (350-380nm)
 - iv) 1 custom filter.
 - v) Linear polarizer for cross imaging.
11. Mode of illumination (Light sources)

LIGHT SOURCES

- Incident (flood) IR/visible, 4x White LEDs + 24 IR LEDs (660nm, 740nm, 780nm, 850nm, 940nm, 980nm), dimmable and usable as background lighting.
- Transmitted IR/visible light, 16 white and 850nm LEDs.
- Transmitted IR/visible, 20W halogen lamp giving 25mm diameter high intensity spot.
- Two IR/visible oblique lights, 12 x white and 850nm LEDs with variable angle selection.
- Spot Light Source (for IR fluorescence), 1 x 250W high intensity tungsten halogen with high-pass and

low-pass filters mounted in independent multi-position filter wheels giving over 80 wavebands of Illumination :

-- With low-pass filters at 420, 450, 475, 505, 535, 560, 590, 615, 640, 670, 695, 725, 750, 775, 800nm.

-- and high-pass filters at 380, 410, 440, 465, 490, 515, 540, 565, 590, 615, 640, 665, 690, 720, 745nm.

-- and a lens to provide either a broad beam or focused spotlight.

12. ULTRAVIOLET

- Incident long wave UV-A (365nm), 4x higher power LEDs

- Incident mid wave UV-B (312nm), 2 x 8W (optically filtered)*

- Incident short wave UV-C (254nm), 2 x 8W (optically filtered)*

- Transmitted long wave UV-A (365nm), 6x high power LEDs

*(safety interlocked panels protect the operator during use)

13. SPECIALIST

- Co-axial LED illumination for viewing retro-reflective security printing.

- 980nm high intensity multi-LED module for viewing Anti-Stokes inks.

- Visible/infrared narrow band illumination from a 100W halogen lamp filtered by a continuous interference band pass filter transmitting from 400 to 1000nm.

- 37 x LED array for both vertical and horizontal scanning of Diffractive Optically-variable Devices/holograms.

- Circular polarised visible LEDs for viewing birefringent security features plus a linearly polarised LED crossed with the polarising camera filter.

- pulsed 365nm Uv LEDs for differentiating fluorescent and phosphorescent security ink, possible to support other wavelengths too.

- 4x LEDs for enhanced 3D imaging.

14. Motorised XY stage with step movement controlled by software.

15. Optical variable ink/ CSI ink viewer:-

Mirror accessory enabling optical variable inks/ Colour Shift inks to be viewed simultaneously from two angles for the display of OVI/CSI colour variations.

16. Microspectrophotometer:-

Integral grating spectrometer for measurement of absorption, reflectance, transmission and fluorescence

Spectra from 400nm to 1000 nm with a resolution of 3nm.

17. Position locking panels to accommodate large samples.

18. PC operating system Hardware:-

COMPUTER AND MONITOR (minimum specification):

- i7 8th Gen 87XX

- 16 GB RAM

- 1 x 1TB SATA HDD

- 1 x 512GB SATA SSD

- DVD RW Drive

- 6 x USB 2.0 ports

- GIGABIT GTX1650 4GB NVIDIA

- Windows 10

- Wired USB Optical Scroll Mouse
- 32-inch 4K UHD Flat Panel Monitor

19. SYSTEM SOFTWARE

VSC SUITE

- Software that maximises the effectiveness of document examinations by providing the user with control of all VSC functions via a fluent quick-access toolbar or programmable 'hot-keys'.

20. Documents Specific workspaces : for passport , ID cards , banknotes and ink analysis.

21. Image storage, retrieval & video recording: Images may be saved as Bitmap, Jpeg, Jpeg 2000, Tiff, PNG, RAW or PDF files or copied into Microsoft Word with details of illumination, Camera filter, integration time, magnification, contrast setting, etc.
Video capture of DOVD images with playback synchronized to scanning of live image.

22. CASEWORK MANAGEMENT :

- Facility to organize case information, images, spectra, chromaticity charts and full VSC examination settings.
- Casework database facility.

23. AUTOMATION :

- 'Quick Check' automatic examination feature with store of images from each examination
- Programmable with up to 453 different examination conditions with thumbnail images of each examination

24. IMAGE ANNOTATION :

- Measurement of length, angle, area, and radius of a circular feature.
- Image annotation with text and various shapes including arrows, lines, boxes, and circles.

25. IMAGE ENHANCEMENT:

- Image enhancement functions including Contrast, HSL, RGB, Filters, Equalization, FFT, Gamma correction, sharpen and a library of user-coded image processing functions.

26. IMAGE COMPARISON:

- Facilities to compare live and stored images side-by-side, superimposed or subtracted, strobed, rotated and mirror inverted.

27. OPTICAL CHARACTER READER (OCR):

- OCR module to read and verify ICAO codes on Passports, ID cards and visas.

28. HYPER SPECTRAL IMAGING MODULE :

- Image cube creation over adjustable wavelength range from 400 to 1000nm in incremental steps from 1nm up to 20nm.
- Spectra of any point on the image immediately available for comparison.

29. 3D IMAGING MODULE :

- Capture multiple images under known illumination conditions to generate a 3D image of the documents surface topography.
- Apply color maps, rotate images through three-dimensional space, or invert 3D images to improve visualization of indentations and raised surface features.

30. CALIBRATION AND DIAGNOSTICS:

- Automatic calibration of filters and light sources using NIST traceable standards (requires V8/CALIB)
- Automated diagnostic routines check the status of motors, light sources and filters
- Accurate and permanently calibrated distance (mm), angle and area measurement functions
- Display diagnostic reports on-screen or output as PDF
- Lamp life monitoring facility with lamp failure detection feature
- Dynamic flat-fielding and pixels to distance calibration
- X-Rite colour checker for the comparison, measurement and analysis of differences in colour for true-to-life colour reproduction (requires VSC/PDi/XRITE)

31. OTHER SOFTWARE FEATURES:

- False colour image display
- Colour isolation by RGB channel separation
- Software control of external microscope camera
- Interactive help tutorial software and on screen operation manual
- 1D and 2D barcode analysis (including Identity document barcode format PDF417)
- The software should be latest.
- Software updates :- VSC software suite updates for 2 years.

32. UV polarized light viewer.

33. Suitable UPS should be provided (if required).

34. Consumable items required for 1000 test cycles should be provided along with VSC8000.

2. EMBEDDED PERSONAL INFORMATION DECODER MODULE FOR VSC8000 (V8/IPI)

IPI / ICI Decoder

- IPI (Invisible Personal Information) and ICI (Invisible Constant Image) module included to enable detection of IPI / ICI in passports and ID cards and ability to save settings.
- Uses Scrambled Indicia® Technology supplied under licence from Graphic Security System Corp (GSSC) of the US.

3. VSC8000 CALIBRATOR (V8/CALIB)

Calibrated Didymium filter. NIST traceable. For calibrating the spectrometer wavelength scale in transmission. Calibrated White reference material. NIST traceable. For spectrometer reflectance reference. UV 365nm, 312nm, 254nm and Anti-stokes tester. Once the spectrometer is calibrated the spectrometer can be used to wavelength calibrate the interference filter.

Further tests can be run through the diagnostics section of the software to test the Motors, Lamps, Lamp life (excluding LEDs and 250W spot), Interference filter, Camera long pass filters, Spot lamp short pass filters

A report is generated with a pass or fail status.

4. REFERENCE DATABASE OF BANK NOTES (VSC/DB/ARCHIVE/C)

A reference database showing the security features of bank notes. Compatible with the VSC Document

Database System VSC/DB/SOFTWARE/C.

- contains information on the security features.
- contains a minimum of 4778 banknotes from 184 countries and 12 monetary regions
- information is provided in the form of descriptions and full colour images
- supplied as the latest up-to-date collection at time of despatch.
- accessible only via the VSC Bank Note Database System VSC/DB/SOFTWARE/C or the VSC software suite.

5. LICENCE FOR ANNUAL SUBSCRIPTION (VSC/DB/KDATA/C)

Provides updates and revisions to the Keesing bank note database during the year of the subscription.

Compatible with the VSC Bank Note Database System VSC/DB/SOFTWARE/C and the VSC software suite

- updates are provided every two months during the year of the subscription.

- information is sent electronically from Foster & Freeman.
- after each update the data will be added to the archive collection.
- accessible only via the VSC Bank Note Database System VSC/DB/SOFTWARE/C or the VSC software suite.

6. MAGNETIC SECURITY FEATURE IMAGER (V8/MSFI/2) :-

Visualize magnetic security in on the VSC.

- USB connection.
- Tuneable cross polariser for contrast adjustment.
- Hand held.

7. General Requirements :-

- i) Calibration certificate for the equipment along with accessories shall be provided by OEM or third party certifying agency.
- ii) Two set of copies each for Operating Manual and Maintenance Manual in English language should be provided during the time of installation.
- iii) Spare part and consumable list to be provided.
- iv) The Display and instructions of the equipment should be in English.
- v) Scope of supply for all items shall include:-
 - a) Equipment.
 - b) Installation, commissioning & Testing.
 - c) Training:- 05(Five) days 5 (Five) personal for operational & maintenance.
 - d) Incidental services.
 - e) Dedicated Interfaces or hardware if any.
 - f) Dedicated software with license if any.
 - g) Other accessories considered necessary to make the proposal self-contained and complete for installation, commissioning and testing.

Images may be saved as Bitmap, Jpeg, Jpeg 2000, TIFF, PNG, RAW or PDF files or copied into Microsoft Word with details of illumination, camera filter, integration time, magnification, contrast setting, etc.

- Video capture of DOVD images with playback synchronized to scanning of live image.

8. Warranty- Minimum one year warranty.

9. Power Compliance : 230 V \pm 10 %, 50Hz for single phase & 415 V \pm 10 %, 50Hz for three phase.



Section VIII: Quality Control Requirements

The material will be accepted on supplier's/seller's guarantee certificate to be sent to purchaser. The material will be inspected and if any defects observed or any material found unsuitable, then the same should be replaced by the supplier at Currency Note Press, Nashik Road for free of cost. The defective material(s), if any, will be handed over to the supplier at Currency Note Press stores, against receipt and acceptance of the replacement.



Section IX: Qualification/ Eligibility Criteria

NOT APPLICABLE. PROCUREMENT BEING UNDER PAC BASIS

SECTION XII: QUESTIONNAIRE

SECTION XIII: BANK GUARANTEE FORM OF EMD

SECTION XIV: MANUFACTURER'S AUTHORIZATION FORM

SECTION XV: BANK GUARANTEE FORM FOR PERFORMANCE SECURITY

SECTION XVI: CONTRACT FORM

SECTION XVII: LETTER OF AUTHORITY FOR ATTENDING A BID OPENING

SECTION XVIII: SHIPPING ARRANGEMENT FOR LINER CARGOES

SECTION XIX: PROFORMA OF BILLS FOR PAYMENTS

Please **CLICK** the link for further details

<http://cnpnashik.spmcil.com/SPMCIL/UploadDocument/SBDTEMPLATE1.pdf>

TENDER BIDDER'S CHECK LIST BEFORE TENDER SUBMISSION

Sr. No.	Tender Submission Check Points	Check before submission Tick (✓)
1	Tender Document duly Seal & Signed	
2	Term of Delivery :- FOR, each unit, duly unloaded	
3	Tender Validity 120 days as per the tender	
4	Technical Specification –Section VII as per tender	
5	Submit Manufacturer's Authorization form (As Applicable)	
6	Accept the Warranty clause as per tender (As Applicable)	
7	Delivery Period: Acceptance of delivery period as per Section VI of tender Document.	
8	Submission of Complete section II	
9	Submission of Complete Section IV	
10	Submission of Complete Section XII to XIX	

.....
(Bidder's Seal & Sign)