



बैंक नोट मुद्रणालय, देवास (म.प्र.) 455 001
BANK NOTE PRESS, DEWAS (M. P.) 455 001

(आईएसओ : 9001 एवं आईएसओ : 14001 प्रमाणित इकाई)

(ISO : 9001 & ISO : 14001 Certified Unit)

भारत प्रतिभूति मुद्रण तथा मुद्रा निर्माण निगम लिमिटेड की इकाई

A Unit of Security Printing & Minting Corporation of India Limited

मिनिरत्न श्रेणी-I, सीपीएसई (भारत सरकार के पूर्ण स्वामित्वाधीन)

Miniratna Category - I CPSE (Wholly owned by Government of India)

CIN : U22213DL2006G0I144763

e-mail : bnpdewas@spmcl.com

website : www.bnpdewas.spmcl.com



Ph. : 07272-255222

Fax: 07272-255111

NATIONAL INVITATION FOR EXPRESSION OF INTEREST (EOI)

1.	Name of the organization	:	Bank Note Press, Dewas, Madhya Pradesh 455001
2.	Type of the organization	:	A Miniratna Category-I CPSE and Wholly owned by Government of India
3.	EOI Reference No.	:	BNP/P/IT/FIRE ALARM SYSTEM/2022/EOI Dated:01.06.2022
4.	EOI Title	:	Expression of Interest (EOI) for SITCS OF INTELLIGENT ADDRESSABLE FIRE ALARM SYSTEM ON REPLACEMENT BASIS
5.	Category	:	Security
6.	Sub-category	:	Capital / CAMC
7.	Date of Annoucement	:	01.06.2022
8.	Last date for submission	:	08.07.2022 before 14.30 hrs.
9.	Technical Specifications and Scope of Work	:	Placed at Annexure I
10.	Eligibility / Pre-qualification criteria:	:	Placed at Annexure II
11.	Procurement Process	:	Placed at Annexure III
12.	Specimen Response letter to EOI	:	Placed at Annexure IV





EXPRESSION OF INTEREST (EOI) FOR SITCS OF INTELLIGENT ADDRESSABLE FIRE ALARM SYSTEM ON REPLACEMENT BASIS AT BANK NOTE PRESS DEWAS. (M.P.), INDIA.

BNP/P/IT/FIRE ALARM SYSTEM/2022/EOI

Dated: 01.06.2022

Bank Note Press, Dewas is an industrial unit of Security Printing & Minting Corporation of India limited (SPMCIL), wholly owned by Government of India, Ministry of Finance, Department of Economic Affairs. BNP was established in 1974 to print world class high quality bank notes of different denominations. Bank Note Press, Dewas has its own security printing ink manufacturing unit also.

Interested vendors fulfilling the eligibility criteria as given in Annexure II are requested to submit Expression of Interest as per format given in Annexure IV to this expressison of interest. The Expression of Interest must be submitted with the brief profile of the firm, their past performance in silimar operation, financial background etc. in support of the eligibility criteria. The Expression of Interest must be sent to the following address:

The Additional Generl Manager (Materials)
For and on the behalf of The Chief General Manager
Bank Note Press, Dewas (M.P.) 455001 India
Phone No. 07272-268253/268468
Email: bnppurchase@spmCIL.com



Last date and Time for receipt of Expression of Interest : **On 08.07.2022**
At 14:30 Hrs. (IST)

Date and Time of opening of Expresion of Interest : **On 08.07.2022**
At 15:00 Hrs. (IST)

Place of opening of Expression of Interest : **Administration Block,
Bank Note Press,
Dewas (M.P.) 455001 India**

Delay due to postal/courier etc, will not be entertained. Tender received after the due date and time will be rejected.



Details of Annexures:

1. Technical Specifications and Scope of Work – Annexure I
2. Eligibility/Pre-qualification Criteria – Annexure II
3. Procurement Process - Annexure III
4. Specimen Response letter to EOI - Annexure IV

For and behalf of Security Printing and Minting Corporation of India Limited

Signature
02-16-2022

Diganta Kumar Deka
Additional General Manager (Materials),
Bank Note Press, Dewas (M.P.) 455001 India
Phone No. 07272-268253/268468

Note: The Company reserves the right to accept/reject any application at its sole discretion and / or cancel the entire exercise. Mere fulfilling the minimum eligibility criteria will not confer any right on the applicant to be called for discussion/selection.

All Addendum/Corrigendum to this EOI shall be uploaded only on website i.e. www.spmcil.com.





BNP/P/IT/FIRE ALARM SYSTEM/2022/EOI Dated 01.06.2022

Background of the company

Security Printing and Minting Corporation of India Limited (SPMCIL) is a Mini-Ratna Category-I CPSE and a wholly owned schedule 'A' Company of Government of India and is under the administrative control of Department of Economic Affairs, Ministry of Finance, Government of India. SPMCIL is engaged in the manufacture of currency/security paper, minting of coins, printing of banknotes, non-judicial stamp papers, postage stamps, travel documents, etc. having nine units including four mints (India Government Mint-Kolkata; India Government Mint-Hyderabad; India Government Mint-Mumbai and India Government Mint-Noida), two security presses (India Security Press, Nashik and Security Printing Press-Hyderabad), two currency presses (Currency Note Press, Nashik and Bank Note Press-Dewas) and one paper mill (Security Paper Mill-Hoshangabad) across the country.



Annexure -I

(I). Tender No. BNP/P/IT/FIRE ALARM SYSTEM/2022/EOI Dated: 01.06.2022

A. Technical Specification & Scope of Work:

(SITCS OF INTELLIGENT ADDRESSABLE FIRE ALARM SYSTEM ON REPLACEMENT BASIS)

1. INTRODUCTION

Bank Note Press, Dewas intends to replace old wireless fire alarm system with intelligent wired addressable fire alarm system in its vaults and other area which is used for storage of Paper, Currency & other non-security items. This is a turnkey project involves designing, engineering, supply, install, test, commission & support. The system should be scalable and it should be possible to further enhance the system capacity. Bank Note Press, Dewas being a Security Sensitive institution of National Importance, the proposed system shall be fault tolerant. The products used should be EN54/UL listed.

2. COMPULSARY REQUIREMENTS FROM BIDDER

- 2.1. To specify no. of detectors, fault isolator to be installed.
- 2.2. To ascertain required cables length and mention the same in BOM.
- 2.3. Mention any important item missing from tentative BOM.
- 2.4. Completely filled Price Sheet along with quantities.
- 2.5. Datasheet of offered Items along with detailed technical specifications.

3. SITE INSPECTION

- 3.1. The bidders are requested to kindly visit the site for better understanding and accordingly provides rates against the EOI.
- 3.2. The Fire Alarm System is need to be installed at vaults & other sensitive areas. The dimensions are as follows.
- 3.3. Bidders are requested to kindly fill up column (e) i.e. no. of smoke cum heat detectors required to be installed as per relevant IS/BIS standards.

Sr no.	Section name or Vault No.	Size of the Vault/ Section in Sq. Meter.	Total Area in Sq. Mtr.	No. of multi-criteria detectors to be installed
1	Vault No. 01	(1) 3.5×6.1=21.35 (2) 12.1×9.7=117.37	138.72	
2	Vault No. 02	(1) 15.0×10.7=160.5 (Vault No. 2-B) (2) 15.0×4.8=72 (Vault No. 2-A)	232.5	
3	Vault No. 03	(1) 15.6×11.8=184.08	184.08	
4	Vault No. 04	(1) 15.0×15.5=232.5	232.5	
5	Vault No. 05	(1) 15.6×15.0=234	234	
6	Vault No. 06	(1) 15.0×15.0=225	225	
7	Vault No. 07	(1) 15.0×7.4=111 (Vault No. 7-A) (2) 15.0×4.27=64.05 (Vault No. 7-B)	175.05	
8	Vault No. 08	(1) 15.0×11.8=177	177	
9	Vault No. 09	(1) 15.0×10.7=160.5 (Vault No. 9-A) (2) 15.0×4.8=72 (Vault No. 9-B)	138.72	
10	Vault No. 10	(1) 15.5×9.5=147.25 (2) 3.5×6.0=21	168.25	
11	Vault No. 11	(1) 7.8×7.5=58.5 (2) 3.5×6.0=21	79.5	
12	Vault No. 12	(1) 7.5×9.7=72.5	72.75	
13	Vault No. 13	(1) 15.5×7.5=116.25	116.25	
14	Vault No. 14	(1) 16.2×7.5=121.5	121.5	



15	Vault No. 15	(1) $15.4 \times 7.45 = 114.73$	114.73	
16	Vault No. 16	(1) $15.10 \times 7.5 = 113.25$	113.25	
17	Vault No. 17	(1) $15.20 \times 7.5 = 114$	114	
18	Vault No. 18	(1) $15.50 \times 7.5 = 116.25$	116.25	
19	Vault No. 19	(1) $9.8 \times 7.5 = 73.5$	73.5	
20	Vault No. 20	(1) $7.8 \times 7.5 = 58.5$ (2) $3.5 \times 6.0 = 21$	79.5	
21	Vault No. 21	(1) $3.5 \times 6.0 = 21$	21	
22/23	Vault No. 22/23	(1) $55.7 \times 15.30 = 852.21$	852.21	
24	Vault No. 24	(1) $3.0 \times 6.5 = 19.5$	19.5	
25	Vault No. 25	(1) $3.0 \times 3.0 = 9$	9	
26	Vault No. 26	(1) $7.8 \times 7.7 = 60.06$	60.06	
27	Vault No. 27	(1) $7.8 \times 7.7 = 60.06$	60.06	
28	Vault No. 28	(1) $19.8 \times 7.5 = 148.5$	148.5	
29	Vault No. 29	(1) $25.95 \times 7.50 = 194.63$	194.63	
30	Vault No. 30	(1) $24.4 \times 7.40 = 180.56$	180.56	
31	Vault No. 31	(1) $11.0 \times 11.20 = 123.2$	123.2	
32	Vault No. 32	(1) $11.0 \times 11.20 = 123.2$	123.2	
33	Vault No. 33	(1) $22.0 \times 15.40 = 338.8$	338.8	
34	Vault No. 34	(1) $22.0 \times 15.40 = 338.8$	338.8	
35	Vault No. 35	(1) $11.0 \times 10.40 = 114.4$	114.4	
36	Vault No. 36	(1) $11.0 \times 10.40 = 114.4$	114.4	
37	IT SERVER ROOM	(1) $7 \times 7 = 49$	49	
39	CCTV Server Room	(1) $12 \times 20 = 240$	240	
40	CCTV Battery Room	(1) $7 \times 4.5 = 31.5$	31.5	



41	ICCC Room	(1) 16.0×7.5=121.5	120	
43	Access Control Server Room	(1) 7×4.5=31.5	31.5	
44	Access Control Battery Room	(1) 3×4=12	12	
45	Telephone Exchange	(1) 7×4.5=31.5	31.5	
Total Area			5605.37 sq. mtrs.	

- Each Vaults should be identified as 1 single zone which means each vault shall represent one zone.
- All the vaults have centralized AC connection.

4. SCOPE

- 4.1. The scope of work in this specification includes Design, supply, assembly, installation, testing, erection, integration and commissioning software integration, training and performance testing of the complete Intelligent Addressable Fire Alarm System ON TURN KEY BASIS.
- 4.2. Warranty - The system shall be under onsite warranty for 3 years.
- 4.3. The scope includes –
 - 4.3.1. Supply & Install of Main Panel, Mimic Panel, Field Devices such as Detectors, Response Indicators, Hooter cum flasher, MCPs etc.
 - 4.3.2. Complete cable supply and laying in conduit.
 - 4.3.3. Removal of Old Fire Alarm System.
 - 4.3.4. Necessary configuration of installed fire alarm system and its testing.
 - 4.3.5. Quarterly Testing as part of preventive maintenance.

5. SYSTEM DESIGN, REQUIREMENT AND DETAILED TECHNICAL SPECIFICATION

5.1. Basic Performance

- 5.1.1. All signals from various type of devices shall be digitally encoded onto a looped multiplex communication system of appropriate class.
- 5.1.2. The devices shall be of low current, solid-state integrated circuits, and shall be powered from the central primary power and standby battery power source.
- 5.1.3. A single ground or open on any system signaling line circuit, initiating device circuit, or notification appliance circuit shall not cause system malfunction, loss of operating power or the ability to report an alarm on other circuits.

5.1.4. Alarm signals arriving at the main FACP (Fire Alarm Control Panel) shall not be lost following a power failure (or outage) until the alarm signal is processed and recorded.

5.2. Basic System Functional Operation

5.2.1. When a fire alarm/trouble condition is detected and reported by one of the systems initiating devices or appliances, the following functions shall immediately occur:

5.2.2. The System Alarm LED shall flash or the system trouble LED shall flash.

5.2.3. The Control Panel shall sound.

5.2.4. The display in the panel shall display the address and location of alarm initiating device

5.2.5. Log shall be created for the alarm event along with detail such as time, event type, initiating device details etc. Option to Print the log.

5.2.6. Option to send SMS notification to concerned.

5.2.7. All System output program shall activate and sounding of hooters, flasher activation to be activated as per configuration and also other associated system outputs (alarm notification appliances and/or relays) shall be activated.

5.3. Minimum Indicative Bill of Material

Sl. No.	Item Description	Min Qty
1	2	3
1.	Intelligent Addressable Fire Alarm Control Panel as per specs	1 no.
2.	Repeater/Mimic Panel as per specs	4 nos.
3.	Addressable Smoke cum Heat Detector as per specs	To be ascertain by bidder based on IS/BIS standards
4.	Addressable MCP as per specs	60 nos.
5.	Addressable Sounder cum Strobe as per specs	20 nos.
6.	Fault Isolator as per specs (after every 30 devices)	To be ascertain by bidder based on IS/BIS standards.
7.	Armored Cables as per specs	To be ascertain by bidder based on IS/BIS bidder.



8.	Components, Cards, License, Modules required for complete Project	1 Lot
9.	Beam Detectors	1 Set
10.	Miscellaneous items such as power distribution boards, Cable Trays, flexi pipe, casing capping industrial, ethernet cables, pipes, poles, rack patch panels, RJ45 I/O Box etc. & any other items to complete the overall system	1 Lot
11.	Installation, Commissioning, & other works as per tender document	1 Activity

5.4. Tentative Items Specifications

4.3.1 Intelligent Addressable Main Fire Alarm Control Panel		
Sl. no.	Minimum Technical Specification	YES/NO
1	The Panel shall be UL/EN 54, listed and shall comply with latest standards of NFPA 72.	
2	The panel shall be a Microprocessor based, Analogue addressable networkable and Intelligent.	
3	The control panel shall be microprocessor based networkable system designed specifically for fire detection and alarm applications. The control panel shall include all required hardware, software, accessories and site-specific system programming to provide a complete and operational system. The control panel shall be designed such that interactions between any applications can be configured, and modified. The control panel operational priority shall assure that life safety takes precedence among the activities coordinated by the control panel.	
4	The Panel should be controlled by a Central Processing Unit (CPU). The CPU shall interface with all the loop cards which shall have its individual microprocessors for executing the functions of the fire alarm system.	
5	The Loop shall contain its own microprocessor and shall be capable of operating in a degraded mode (any addressable device input shall be capable of activating any or all addressable device outputs) in the unlikely event of a failure of the main CPU/standby CPU. In such eventuality, the hooter/alert device present in the Main FACP should always be activated.	
6	Fire Alarm panel shall be a multi-loop (exact number of loops as per schedule of quantity of Detectors/Notification appliance subject to not more than 80% capacity of Loop to be used.) panel and all the loop card should be of same size with a	



	minimum capacity of 250 detectors/devices. It shall have a backlit liquid crystal/LED display or touch screen, individual, color coded system status LEDs, and alphanumeric keypad and control of the fire alarm system, and the provision of internal / external printer.	
7	The panel shall maintain a history file of the last 1000 events, each with a time and date stamp. History events shall include all alarms, troubles, operator actions, and programming entries. The control panels shall also maintain a 500 event Alarm History buffer, which consists of the 500 most recent alarm events from the 2000-event history life.	
8	The system shall provide means to allow panel programming either through an off-line software utility program away from the panel or while connected and on-line. The system shall also support upload and download of programmed database and panel executive system program to a Personal Computer/laptop. Utility with requisite license to program shall be provided along with Panel. The utility shall run in Windows environment.	
9	The system shall support at least two password levels, master and user. Up to 4 user passwords shall be available, each of which may be assigned access to the programming change menus, the alter status menus, or both. Only the master password shall allow access to password change screens.	
10	The system shall provide means to obtain a variety of reports listing all event, alarm, trouble, supervisory, or security history.	
11	The Addressable Main Power Supply shall operate on 240 VAC, 50Hz, and shall provide all necessary power for the FACP.	
12	The FAS shall be networkable in a peer to peer style and shall be able to communicate with other network nodes in Ethernet LAN. It shall be able to build a network on copper or fiber optics.	
13	The FACP shall be capable of disabling an individual detector, Facility shall be provided on the FACP for simulating the fire condition to enable testing of the various alarm circuits.	
14	The electronic circuit shall be of solid state and of fail-safe design, protected from humidity, corrosion and dust to ensure uninterrupted operation. The circuit shall be protected against usual electrical transients, electromagnetic and electrostatic interference present in that vicinity	
15	Spares and shall be made available for a minimum period of 8 years from the date of commissioning of the system.	
16	Loop wise Auto-learn facility for easy installation and commssioning, capability to add or delete the devices without affecting the existing configurations	



17	The Panel should be capable of alerting duplication of address, mismatch on the device type. The panel shall have provision to restore factory default setting. The FACP should give audio and visual indication for main and/or standby power supply failure	
18	The FACP shall have function buttons for Acknowledge, Silence, Reset, Test etc.	
19	The FACP shall have inbuilt suitable capacity SMF batteries to provide battery backup in event of AC Failure. The minimum backup time in alarm mode shall be 30 minutes.	
20	The Fire Alarm Control Panel / system shall be supplied with all required Hardware, Software, Technical support, Software Development Key (SDK), Application Program Interface (API) to integrate the Fire Alarm System to the proposed Command and Control Centre through open communication protocol such as BACNET / Modbus / OPC etc. It has to be integrated with IP CCTV system. Further, during alarm condition, the system should be compatible to give OFF (through NO/NC contact) signal to switch off the AHU of affected area.	
21	Each loop shall have capacity of handling/connection of at least 200 addressable devices. Firm has to deploy suitable no. of loop card/module so that it can cover all the requirement of the project provided each loop shall not be connected to more than 80% of its device connecting capacity.	
22	The system shall provide means to link one detector to up to two detectors at other addresses on the same loop in cooperative multi-detector sensing	
23	The system shall provide feature for Adjustable Alarm Sensitivity Level	
24	Avoiding false alarms: The system should be provided with intelligent signal processing which compares the measured smoke level with known disturbance variables in order to decide an alarm or deception condition	
25	Diagnostic features: the system should have in built self-diagnostic mechanism to indicate the health of system.	
26	Construction: It shall be Wall Mounted facility. Cabinet shall be corrosion resistant and powder coated. Shall be provided with earthing terminal. Door of Panel shall be provided with lock key facility.	
27	Power Supply: The System shall operate in the range of 110-240V AC, 50/60 Hz main supply. The panel shall have protection against transient and surges.	



28	Make – Bosch/Tyco/Honeywell Notifier/System Sensor/Siemens/equivalent	
29	Model – To be specified by bidder along with datasheet for supporting claimed specifications.	
30	Warranty – 3 years onsite	

4.3.2 MIMIC PANEL

SL NO.	SPECIFICATIONS	YES/NO
1	The system should be provided with a remote monitoring/ panel with all necessary cabling and connectivity.	
2	The panel shall preferably mimic all the functions provided in the local onsite control panel including providing audible and visual annunciations.	
3	It shall have functional keys like Acknowledge, Signal Silence, System Reset, Lamp Test etc.	
4	The Panel shall be with minimum suitable display or touch screen to indicate the status of system and location of incident which shall mimic the main fire alarm panel	
5	It shall be supervised, remotely located and shall have a back-lit LCD/LED display. It shall have an on- board input, output, and status indicators to support diagnostics.	
6	It shall display all alarm and trouble conditions in the system.	
7	The Repeater panel shall be UL/EN 54 Listed	
8	It shall have functional keys like Acknowledge, Signal Silence, System Reset, Lamp Test etc.	
9	Model – To be specified by bidder along with datasheet for supporting claimed specifications.	
10	Warranty – 3 years onsite	

4.3.3 ADDRESSABLE SMOKE CUM HEAT MULTICRITERIA DETECTOR (OPTICAL & THERMAL)

SL NO.	SPECIFICATIONS	YES/NO
1	The detector shall be UL/EN54 approved/listed.	
2	It shall detect smoke and heat	
3	Multi detector shall be loop powered and addressed by DIP/addressable switch	

4	Visible LED indicating health condition of detector	
5	Sensitivity programmable from Control Panel	
6	Remote test feature	
7	To be supplied along with base and requisite accessories for complete operation	
8	Made of fire-resistant material	
9	Fixed temperature set point/rating 57-59 degree Celsius and rate of rise detection 8-12 degree Celsius per minute	
10	Intelligent false alarm immunity	
11	Sleek low-profile housing design. Easy installation and maintenance	
12	Make - Same as make of Panel	
13	Model - To be specified by bidder along with datasheet for supporting claimed specifications.	
14	Warranty - 3 years onsite	

4.3.4 ADDRESSABLE MANUAL CALL POINT (MCP)		
SL NO.	SPECIFICATIONS	YES/NO
1	Shall be UL/EN54 Listed	
2	The MCP shall be compatible with supplied FACP	
3	Shall have LED to indicate status/alarm	
4	Wall Mountable	
5	To be supplied with all requisite accessories and base	
6	Shall be resettable type	
7	Shall be addressable	
8	Color - Red	
9	It shall use a key operated test-reset lock, and shall be designed so that after actual emergency operation, they cannot be restored to normal use except by the use of a key	
10	The word FIRE shall appear on the front of the stations.	
11	Make - Same as make of Panel	
12	Model - To be specified by bidder along with datasheet for supporting claimed specifications.	
13	Warranty - 3 years onsite	

4.3.5 SOUNDER CUM STROBE		
SL NO.	SPECIFICATIONS	YES/NO
1	Shall be UL/EN54 Listed	
2	Minimum sound level shall be 80 dB at 10 feet	
3	Shall have 2 tone option. Temporal 3 pattern & a non-temporal continuous pattern	
4	The strobe cum alarm hooter shall be loop powered or else shall draw independent power from the FACP. Making arrangement for the power cable and power supply units for this purpose shall	



	within the scope of supplier/bidder.	
5	To be supplied with all requisite accessories and base for complete operation	
6	Flash Rate – 1 flash per second	
7	The sounder shall have capability to be tested from FACP	
8	Make - Same as make of Panel or compatible with same	
9	Model – To be specified by bidder along with datasheet for supporting claimed specifications.	
10	Warranty – 3 years onsite	

4.3.6 FAULT ISOLATOR MODULE		
SL NO.	SPECIFICATIONS	YES/NO
1	Shall be UL/EN54 Listed	
2	Modules shall be provided to automatically isolate wire-to-wire short circuits	
3	If a wire-to-wire short occurs, the isolator module shall automatically open-circuit (disconnect) the SLC. When the short circuit condition is corrected, the isolator module shall automatically reconnect the isolated section	
4	Powered by SLC loop	
5	LED indicator	
6	To be supplied with all requisite accessories and base for complete operation	
7	Make - Same as make of Panel or compatible with same	
8	Model – To be specified by bidder along with datasheet for supporting claimed specifications.	
9	Warranty – 3 years onsite	

4.3.7 CABLES		
SL NO.	SPECIFICATIONS	YES/NO
1	The cables shall be FRLS, armored PVC twisted 1.5 sq. mm multi stranded insulated, copper conductor cables, conforming to IS: 1554 and shall be of specified make	
2	Make- Polycom/Finolex/Equivalent	

4.3.8 BEAM DETECTORS		
SL NO.	SPECIFICATIONS	YES/NO
1	Supplier shall provide technical specs along with data sheet	
2	Warranty – 3 years onsite	



SECTION XI: BUDGETARY PRICE SCHEDULE

[To be submitted along with the EOI tender]

PART-A: - Price Proforma

S. No.	Description	HSN Code (8 Digit)/ SAC Code (06 Digits)	Min Qty.	Basic Price (Rs.)	Freight, Insurance, other charges if any (Rs.)	GST @ % (Rs.)	Total rate per unit (FOR BNP, Dewas) (Rs.)	Total Price (FOR BNP Dewas) (Rs.)
1	2	3	4	5	6	7	8=(5+6+7)	9= (8x4)
1.	Intelligent Addressable Fire Alarm Control Panel as per specs		1 no.					
2.	Mimic Panel as per specs		4 nos.					
3.	Addressable Smoke cum Heat Detector as per specs							
4.	Addressable MCP as per specs		60 nos.					
5.	Addressable Sounder cum Strobe as per specs		20 nos.					
6.	Fault Isolator Module as per specs							
7.	Armored Cables as per specs (in meters)							
8.	Beam Detectors		1 Set					
9.	Components, Cards, License, Modules required for complete Project		1 Lot					
10.	Miscellaneous items such as		1					



	power distribution boards, Cable Trays, flexi pipe, casing capping industrial, ethernet cables, pipes, poles, rack patch panels, RJ45 I/O Box etc. & any other items to complete the overall system		Lumpsum					
11.	Installation, Commissioning, & other works as per tender document		1 Activity					
Total (Part-A) inclusive of All Taxes & Duties								

PART-B: - Comprehensive Annual Maintenance Contract for Whole System Price Schedule

S. No.	Description	HSN Code (8 Digit)/ SAC Code (06 Digits)	Qty.	Basic Price (Rs.)	Freight, Insurance, other charges if any (Rs.)	GST @ % (Rs.)	Total rate per unit (FOR BNP, Dewas) (Rs.)	Total Price (FOR BNP Dewas) (Rs.)
1	2	3	4	5	6	7	8=(5+6+7)	9= (8x4)
1.	CAMC for 1 st Year		01 No.					
2.	CAMC for 2 nd Year		01 No.					
3.	CAMC for 3 rd Year		01 No.					
4.	CAMC for 4 th Year		01 No.					
5.	CAMC for 5 th Year		01 No.					

*** Kindly do not include the manpower cost during warranty and AMC period.**





B. CHECKLIST

Sr. No.	Checklist	Checklist (YES/NO)
1	Have you understood the complete requirement?	
2	Have you provided the Bill of Material (BOM) required for overall completion of upgradation/replacement?	
3	Have you provided generic specifications for the BOM items?	
4	Have you quoted rates of the BOM items along with applicable GST and Freight?	
5	Have you quoted buyback unit rates for the item which need to be replaced?	
6	Have you quoted CAMC (without manpower) Rates on yearly basis for 5 years?	

(II). General Requirements:

1. The firms will ensure that their interests, duly sealed and signed, complete in all respects as per instructions contained in the Invitation to E.O.I. Documents, are dropped in the tender box located at the address given above on or before the closing date and time indicated above, failing which the interests will be treated as late and rejected.
2. The firm should furnish the firm's name, full postal address (Office), Phone Number and Fax Number; Name of the authorized contact person and e-mail address.
3. The firm should not have been blacklisted /debarred for dealing by Government of India, any State Govt. or any PSU, in any manner and an undertaking should be submitted along with the Bid, to this effect.

4. Participants are required to stamp and provide their authorized signature on every page of the E.O.I. document and all the supporting documents submitted as a token of acceptance to the mentioned terms and conditions.
5. Interested firms have to submit attested copies of various license certificates like Trade License, GSTIN Registration Certificate, Service Tax Registration Certificate, PAN Registration Certificate and other registration certificates as required as per the prevalent Prices & Registrations of the Govt. of Madhya Pradesh/ Govt. of India with their application.
6. Participating Firms has to submit Budgetary Quote with break-up along with detailed Technical Specification/Scope of Work.
7. The vendor should have the basic facilities and expertise in similar technology/field at global/national level.





Annexure -II

Eligibility/Pre-qualification Criteria

1. **Status:** The applicant should be either proprietary firm/ Limited Liability Partnership (LLP)/company/Partnership/ (legal entity) registered under relevant regulation of the respective Country. The applicant should be in business of manufacturing/supplying of such type of Items/ Services.
2. **Experience:**
 - a. The firm should have past experience in supply & Installation of same / identical Items to any Industries in the last 05 financial year ending on **31.03.2021** Relevant documentary proofs are to be submitted along the offer.
 - b. The interested bidders should also submit along with Expression of Interest a list of parties to whom they have supplied similar type of Items/Services with details and customer satisfaction report form their clients.
3. **The bidder should also confirm specifically that:**
 - a. Applicant is competent and legally authorized to submit and/or to enable into legally binding contract.
 - b. The firm should confirm their annual supply/manufacturing capacity for such Items/ Services.
 - c. Applicant will absolve the purchaser against any infringement of patent rights and other contract provisions.
4. The bidder firm should have not been blacklisted/ debarred by BNPMIPL/BRBNMPL/SPMCIL/Government of India for participation in tender as on the last date of submission of EOI. An undertaking for the same should be furnished.
5. The copy of audited balance sheet and Profit and loss account for last three financial years ending **31.03.2021** are to be submitted along with the proposal.



6. All documents are to be submitted in English/Hindi language only. If the documents are in other language English translation copy shall be furnished along with the documents.
7. The Department of Industrial Policy and Promotion (DIPP) Public Procurement order no. P-45021/2/2017-BE-II dated 15.06.2017 shall be applicable.

Note:-

1. All experience, past performance and capacity/capability related data should be certified by the authorized signatory of the bidder firm.
2. All financial standing data should be certified by certified accountant's along with UDIN No. e.g., Chartered Accounts (CA) in India and Certified Public Accountant/Chartered Accountants of other countries.

Bidder to furnish stipulated documents in support of fulfillment of essential qualifying criteria. Non-submission of documents may lead to rejection of offer.





Annexure-III

Procurement Process

Following are the details of the process of BNP, Dewas.

1. At first the EOI for procurement of above items/services is published.
2. The firms participating in the EOI are called for details presentation and discussion regarding their offer of service/goods.
3. Later on open Tender will be floated comprising of 2/3 parts namely PQB, Techno-Commercial Bid & Financial Bid which are to be submitted in two/three separate double sealed envelopes on or before the due date of submission of tender. The envelopes containing Bids shall be super scribed as "Pre-Qualification Bid", "Techno-Commercial Bid", "Financial Bid" as the case may be.



Annexure-IV

BNP/P/IT/FIRE ALARM SYSTEM/2022/EOI

Dated:01.06.2022

WE HAVE GONE THROUGH THE ABOVE REFERRED EOI AND UNDERSTOOD YOUR REQUIREMENTS WITH RESPECT TO EXPRESSION OF INTEREST FOR SITCS OF INTELLIGENT ADDRESSABLE FIRE ALARM SYSTEM ON REPLACEMENT BASIS AT BANK NOTE PRESS DEWAS. (M.P.), INDIA.

We fulfill the eligibility criteria and undertake that;

1. We have noted, understood and agreed to all the terms and condition of the EOI. In token of our acceptance, we have enclosed the EOI documents duly signed by the authorized representative.
2. I / We and are Proprietary firm/ Limited Liability Partnership (LLP)/Company/Partnership and I /We have enclosed the registration certificate issued by the registration authorities as applicable in the country of origin as documentary evidence. (Please indicate as applicable)
3. I/ We have supplied/Provided similar Items/Services to _____ nos. of manufacturers/printing presses etc. globally or within India from years _____ to _____. I / we have enclosed the work offer/ customer satisfaction certificate/completion certificate issued by _____ as documentary evidence.
4. We have the total experience of _____ years in the related field as on **31.03.2021**.
5. The average annual turnover for last three financial years i.e.**2021-2020, 2019-2020, 2018-19**, is INR _____. I/We have enclosed the annual report/statement of accounts (preferably audited) and a statement of average annual turnover of last 3 years duly authenticated by an authorized official of the Company/firm.
6. We declare that have not been black listed/debarred by BNPMIPL/BRBNMPL/SPMCIL/Government of India for participation in tender.
7. We also enclose our brief profile and list of our major clients for your consideration.
8. We will be interested to present out proposal and demonstrate our past performance/details of the system being offered to you at a meeting at your convenience.



9. We are enclosing copy of English translation of the documents which are not in English/Hindi.

For _____

(Name and designation of officer)

Enclosures:

1. Duly sealed and signed each and every page of EOI
2. Registration certificates
3. Work order or completion certificate
4. PAN Card copy and copy of GST registration certificate.
5. Brief profile and list of major clients.
6. Budgetary Quote with break-up of Taxes & Other Charges, if any.
7. Generic Specifications of the proposed system.
8. Delivery Period.

