

**CORRIGENDUM NO. 1****DATE: 19/01/2023**Tender No.: **034/SAL/MMD-MAINT/2022-23, DATED 30/12/2022**Tender Name: **"DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF FIRE DETECTION & ADDRESSABLE FIRE ALARM SYSTEM AT ADMINISTRATIVE BUILDING, BRBNMPL, SALBONI"**With reference to the above tender, the following **Corrigendum 1** may kindly be noted at the respective places mentioned.

<b>Amendment No.</b>	<b>Description</b>	<b>Details as per Original Tender dated 30/12/2022</b>	<b>Amendment Details as per Corrigendum No. 1 dated 19/01/2023</b>	<b>Reference Page number of Tender</b>
<b>1.</b>	<b>Date of Sale of tender documents</b>	<b>From 30/12/2022 to 19/01/2023 during office hours.</b>	<b>From 30/12/2022 to 02/02/2023 during office hours.</b>	<b>4</b>
<b>2.</b>	<b>Closing date and time for receipt of tenders</b>	<b>20/01/2023 at 11.30 hours.</b>	<b>03/02/2023 at 11.30 hours.</b>	<b>5</b>
<b>3.</b>	<b>Time and date of opening of tenders</b>	<b>20/01/2023 at 11.45 hours.</b>	<b>03/02/2023 at 11.45 hours.</b>	<b>5,7,92</b>
<b>4.</b>	<b>Section VII: Technical Specifications and scope of Work</b>	-----	<b>Newly added in 1) Scope of Work</b> j. Networking components (switches, converters, patch cards if any including LIU if required) are in the scope of bidder as per the configuration and design using our existing OFC cable ( no switches, patch cards provided by BRBNMPL)  k. The vendor shall visit the site for complete understanding of the existing OFC cable and requirements of network components.	<b>50</b>

**Amendment No.5. in Section VII: Technical Specifications and Scope of Work****As per the Original Tender Enquiry dated 30/12/2022**

(Page No. 49 of original tender document)

Tentative BOQ and technical specifications for Fire Alarm system is as below:

<b>Sl. No.</b>	<b>Description</b>	<b>Make</b>	<b>Unit</b>	<b>Quantity</b>
7	Graphical software .The system should be capable of establishing IP connectivity in Graphics software to take multiple system inputs from multiple panels. Highlighting an event in the "Event List Viewport" shall automatically cause the display of the map viewport and other configured viewports to display information relative to the highlighted event along with detector location and address.	Siemens/ Edwards/ Honeywell/ Tyco or equivalent reputed make	Nos.	1
8	Workstation for Graphics with compatible system. Minimum configuration- CPU: Intel Xeon processor or equivalent, OS: Windows 10 or latest, minimum 16 GB RAM, minimum 1 TB SSD capacity of internal storage to run the system efficiently.	Dell/HP or equivalent reputed make	Nos.	2

**As per Corrigendum-1 dated 19/01/2023****Amended and should be read as**

Tentative BOQ and technical specifications for Fire Alarm system is as below:

<b>Sl. No.</b>	<b>Description</b>	<b>Make</b>	<b>Unit</b>	<b>Quantity</b>
7	Graphical software ( <b>Server-client architecture</b> ). The system should be capable of establishing IP connectivity in Graphics software to take multiple system inputs from multiple panels. Highlighting an event in the "Event List Viewport" shall automatically cause the display of the map viewport and other configured viewports to display information relative to the highlighted event along with detector location and address.	Siemens/ Edwards/ Honeywell/ Tyco or equivalent reputed make	<b>SET</b>	1

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8	<p>Workstation for Graphics with compatible system. Minimum configuration: Operating system shall be suitable for the software and minimum windows 10/ Windows server 2019, (minimum Intel® Xeon® E-2124G Processor or better, 16 GB RAM minimum, Disk: minimum 128 GB SSD , Disk Speed - 10K RPM minimum. (One Workstation to be used as client and another one as Server), Office 2019 or above. License shall be device based and complete rights to the Purchaser i.e. BRBNMPL. Cloud based software not allowed as our network cannot have internet connection due to security reasons. In case of server breakdown the client configuration shall be suitable to act as Server with server software (OS/ application) loading.</p> <ul style="list-style-type: none"> <li>•The Fire Detection system application software licences shall be in the name of BRBNMPL.</li> <li>•The operating system software can be device based OEM license or license shall be in the name of BRBNMPL.</li> <li>• Office 2019 or above software license shall be OEM license or license shall be in the name of BRBNMPL</li> <li>•Hardware /Software indicated above are indicative. Other equivalent also can be supplied.</li> </ul>	Dell/HP or equivalent reputed make	Nos.	2
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**Amendment No.6 in SECTION-I( Notice for Inviting Tender)NIT: IMPORTANT TENDER CONDITIONS AT A GLANCE FOR ATTENTION OF BIDDERS****As per the Original Tender Enquiry dated 30/12/2022**

(Page No. 8 of original tender document)

**6. Payment Terms:**

- b) **100% payment after Design, Supply, Installation, Testing and Commissioning of Fire Alarm System to the acceptance and satisfaction of BRBNMPL.**

**As per Corrigendum-1 dated 19/01/2023****Amended and should be read as****6. Payment Terms:**

- b) **100% payment after completion of the FAC. However, 80% of value of goods supplied shall be released upon receipt of goods at our General Store, BRBNMPL, Salboni and upon submission of BG for equivalent amount (i.e.,80% of material cost) of invoice. Remaining 20% of goods value and 100% of installation and commissioning charges, cost of Misc. works etc will be released after issue of FAC. This additional BG for release of 80% of supplied item value will be released after FAC.**

**Amendment No.7 in Section VIII: Quality Control Requirements/Declaration by the tenderer****As per the Original Tender Enquiry dated 30/12/2022**

(Page No. 57 to 59 of original tender document)

**C. Compliance statement for OFFERED MAKE & MODEL**

<b>Sl. No.</b>	<b>Item Description</b>	<b>Preferred Make</b>	<b>Offered</b>	<b>Technical literature/ Brochure enclosed (Yes/No)</b>
1	<p>Intelligent addressable minimum 2 Loop Fire Alarm Panel with future expansion capability. Each loop accessing minimum 125 detectors and 125 modules.</p> <p>The Loop shall support any combination of detectors and Modules with no restriction of any particular number or Module/Detector per Loop limitation.</p> <p>The panel must have minimum 1,000 event history storage. The system should have automatic mapping feature. The panel shall be able to give location of all fire/fault conditions of addressable units via address codes. Further, the panel must be able to automatically switch ON /OFF respective control module whenever any alarm is triggered. The panel should have Ethernet Interfaces for central station communication, email, and diagnostics. The Panel should have provision to add within its cabinet an integrated voice evacuation control card of same make having capability of 8 simultaneous multiplexed audio channels. Panel should also have provision for BMS/Third party interface.</p> <ul style="list-style-type: none"> <li>• UL 864 10th Edition or latest Listed, ULC-S527 or equivalent</li> </ul>	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<p><b>a)Make:</b></p> <p><b>b)Model:</b></p> <p><b>c)Country of Origin:</b></p>	
2	<p>Intelligent, addressable Multi-criteria detector that incorporates optical and thermal sensors.</p> <ul style="list-style-type: none"> <li>• Shall be UL 268 7th Edition Listed or latest certification.</li> <li>• Restriction of Hazardous Substances(RoHS compliant)</li> <li>• Each detector shall be self-testing: <ul style="list-style-type: none"> <li>- complete diagnostics performed every 10 seconds</li> <li>- self-monitored for sensitivity within UL Listed limits</li> </ul> </li> <li>• Listed, approved as a heat detector: - Rate-of-Rise Detection: 15°F / min (8.3°C / min.)</li> <li>- Fixed: 135°F (57°C)</li> <li>• Shall have minimum Two-color detector-status light-emitting diode (LED).</li> </ul> <p>Detector should have its own memory. Swapping same type of detectors to different base should not call for reprogramming.</p>	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<p><b>a)Make:</b></p> <p><b>b)Model:</b></p> <p><b>c)Country of Origin:</b></p>	
3	<p>Intelligent Addressable Manual Call Point capable of being addressed electronically</p> <ul style="list-style-type: none"> <li>• Shall have Trouble indication during service and maintenance</li> <li>• UL38 Listed or equivalent</li> </ul>	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<p><b>a)Make:</b></p> <p><b>b)Model:</b></p> <p><b>c)Country of Origin:</b></p>	

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4	Hooter Cum Strobe with Multi Candela Feature : • Wall-mount models shall feature field-selectable Candela settings • sound output of minimum 85 dB; • UL Listed or equivalent	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
5	Intelligent Addressable Control Modules required for Hooter Cum Strobes Notification devices, capable of being addressed electronically • Restriction of Hazardous Substances (RoHS) compliant • Multi-color light-emitting diode (LED) to indicate system status	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
6	Addressable Fault Isolator module required for determining the short in a circuit and separating the segment having the short capable of being addressed electronically. UL Listed or equivalent	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
7	Graphical software. The system should be capable of establishing IP connectivity in Graphics software to take multiple system inputs from multiple panels. Highlighting an event in the "Event List Viewport" shall automatically cause the display of the map viewport and other configured viewports to display information relative to the highlighted event along with detector location and address.	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
8	Workstation for Graphics with compatible system. Minimum configuration- CPU: Intel Xeon processor or equivalent, OS: Windows 10 or latest, minimum 16 GB RAM, minimum 1 TB SSD capacity of internal storage to run the system efficiently.	<b>Dell/HP (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
9	Suitable rating of Online UPS with 30 mins backup, Input Power supply: Single phase 240V Ac, 50 Hz,	<b>Numeric/AP C (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
10	2 Core 1.5 Sq mm FRLS Armoured cable 1.1 KV grade with supporting, saddling etc. complete in all respect for Fire Detection and Alarm System	<b>Polycab/Fino lex/ Bonton (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
11	Installation, Testing and Commissioning of the Fire Detection and Alarm System	<b>NA</b>	<b>NA</b>	<b>NA</b>
12	Miscellaneous work such as civil work, electrical welding, mechanical etc.	<b>NA</b>	<b>NA</b>	<b>NA</b>
13	Any other items required to complete the project which is not explicitly mentioned above	<b>Reputed</b>		

*(To be filled, signed & stamped and submitted along with Techno-commercial Bid Part-I)*

**As per Corrigendum-1 dated 19/01/2023****Amended and should be read as****C. Compliance statement for OFFERED MAKE & MODEL**

<b>Sl. No.</b>	<b>Item Description</b>	<b>Preferred Make</b>	<b>Offered</b>	<b>Technical literature/ Brochure enclosed (Yes/No)</b>
1	<p>Intelligent addressable minimum 2 Loop Fire Alarm Panel with future expansion capability. Each loop accessing minimum 125 detectors and 125 modules.</p> <p>The Loop shall support any combination of detectors and Modules with no restriction of any particular number or Module/Detector per Loop limitation.</p> <p>The panel must have minimum 1,000 event history storage. The system should have automatic mapping feature. The panel shall be able to give location of all fire/fault conditions of addressable units via address codes. Further, the panel must be able to automatically switch ON /OFF respective control module whenever any alarm is triggered. The panel should have Ethernet Interfaces for central station communication, email, and diagnostics. The Panel should have provision to add within its cabinet an integrated voice evacuation control card of same make having capability of 8 simultaneous multiplexed audio channels. Panel should also have provision for BMS/Third party interface.</p> <ul style="list-style-type: none"> <li>• UL 864 10th Edition or latest Listed, ULC-S527 or equivalent</li> </ul>	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<p><b>a)Make:</b></p> <p><b>b)Model:</b></p> <p><b>c)Country of Origin:</b></p>	
2	<p>Intelligent, addressable Multi-criteria detector that incorporates optical and thermal sensors.</p> <ul style="list-style-type: none"> <li>• Shall be UL 268 7th Edition Listed or latest certification.</li> <li>• Restriction of Hazardous Substances(RoHS compliant)</li> <li>• Each detector shall be self-testing: <ul style="list-style-type: none"> <li>- complete diagnostics performed every 10 seconds</li> <li>- self-monitored for sensitivity within UL Listed limits</li> </ul> </li> <li>• Listed, approved as a heat detector: - Rate-of-Rise Detection: 15°F / min (8.3°C / min.) - Fixed: 135°F (57°C)</li> <li>• Shall have minimum Two-color detector-status light-emitting diode (LED).</li> </ul> <p>Detector should have its own memory. Swapping same type of detectors to different base should not call for reprogramming.</p>	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<p><b>a)Make:</b></p> <p><b>b)Model:</b></p> <p><b>c)Country of Origin:</b></p>	

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3	Intelligent Addressable Manual Call Point capable of being addressed electronically <ul style="list-style-type: none"> <li>• Shall have Trouble indication during service and maintenance</li> <li>• UL38 Listed or equivalent</li> </ul>	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
4	Hooter Cum Strobe with Multi Candela Feature : <ul style="list-style-type: none"> <li>• Wall-mount models shall feature field-selectable Candela settings</li> <li>• sound output of minimum 85 dB;</li> <li>• UL Listed or equivalent</li> </ul>	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
5	Intelligent Addressable Control Modules required for Hooter Cum Strobes Notification devices, capable of being addressed electronically <ul style="list-style-type: none"> <li>• Restriction of Hazardous Substances (RoHS) compliant</li> <li>• Multi-color light-emitting diode (LED) to indicate system status</li> </ul>	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
6	Addressable Fault Isolator module required for determining the short in a circuit and separating the segment having the short capable of being addressed electronically. UL Listed or equivalent	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
7	Graphical software <b>(Server-client architecture)</b> . The system should be capable of establishing IP connectivity in Graphics software to take multiple system inputs from multiple panels. Highlighting an event in the "Event List Viewport" shall automatically cause the display of the map viewport and other configured viewports to display information relative to the highlighted event along with detector location and address.	<b>Siemens/ Edwards/ Honeywell/ Tyco (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
8	Workstation for Graphics with compatible system. Minimum configuration: Operating system shall be suitable for the software and minimum windows 10/ Windows server 2019, (minimum Intel® Xeon® E-2124G Processor or better, 16 GB RAM minimum, Disk: minimum 128 GB SSD, Disk Speed - 10K RPM minimum. (One Workstation to be used as client and another one as Server), Office 2019 or above. License shall be device based and complete rights to the Purchaser i.e. BRBNMPL. Cloud based software not allowed as our network cannot have internet connection due to security reasons. In case of server breakdown the client configuration shall be suitable to act as Server with server software (OS/ application)	<b>Dell/HP (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	

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	loading. <ul style="list-style-type: none"> <li>• The Fire Detection system application software licences shall be in the name of BRBNMPL.</li> <li>• The operating system software can be device based OEM license or license shall be in the name of BRBNMPL.</li> <li>• Office 2019 or above software license shall be OEM license or license shall be in the name of BRBNMPL</li> <li>• Hardware /Software indicated above are indicative. Other equivalent also can be supplied.</li> </ul>			
9	Suitable rating of Online UPS with 30 mins backup, Input Power supply: Single phase 240V Ac, 50 Hz,	<b>Numeric/AP C (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
10	2 Core 1.5 Sq mm FRLS Armoured cable 1.1 KV grade with supporting, saddling etc. complete in all respect for Fire Detection and Alarm System	<b>Polycab/Fino lex/ Bonton (or) equivalent reputed make</b>	<b>a)Make: b)Model: c)Country of Origin:</b>	
11	Installation, Testing and Commissioning of the Fire Detection and Alarm System	<b>NA</b>	<b>NA</b>	<b>NA</b>
12	Miscellaneous work such as civil work, electrical welding, mechanical etc.	<b>NA</b>	<b>NA</b>	<b>NA</b>
13	Any other items required to complete the project which is not explicitly mentioned above	<b>Reputed</b>		

*(To be filled, signed & stamped and submitted along with Techno-commercial Bid Part-I)***Amendment No.8 in Section –XI: PRICE SCHEDULE****As per the Original Tender Enquiry dated 30/12/2022****(Page No.64 to 67)**



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From

Date: .....

M/s. ....

.....

To,  
 The Senior General Manager  
 Bharatiya Reserve Bank Note Mudran Private Limited  
 P.O. RBNML - 721132, Salboni, Dist. Paschim Medinipur, West Bengal

Dear Sir,

**SUB:** Tender Notice for "DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF FIRE DETECTION & ADDRESSABLE FIRE ALARM SYSTEM AT ADMINISTRATIVE BUILDING, BRBNMPL, SALBONI"

**REF: Your Tender Enquiry No: 034/SAL/MMD-MAINT/2022-23 dated 30/12/2022.**

With reference to your Tender enquiry cited above, we are pleased to enclose the following as our Price Bid (Part-II) in separate sealed cover for your kind consideration.

Part-A: Price bid for "DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF FIRE DETECTION & ADDRESSABLE FIRE ALARM SYSTEM AT ADMINISTRATIVE BUILDING, BRBNMPL, SALBONI"

Sl. No.	Item Description	HSN/ SAC	Make & Model	Unit	Qty.	Unit rate in Rs.	Cost for required Qty in Rs.	GST in %	GST in Rs.	Total price including GST
1	<p>Intelligent addressable minimum 2 Loop Fire Alarm Panel with future expansion capability. Each loop accessing minimum 125 detectors and 125 modules.</p> <p>The Loop shall support any combination of detectors and Modules with no restriction of any particular number or Module/Detector per Loop limitation. The panel must have minimum 1,000 event history storage. The system should have automatic mapping feature. The panel shall be able to give location of all fire/fault conditions of addressable units via address codes. Further, the panel must be able to automatically switch ON /OFF respective control module whenever any alarm is triggered. The panel should have Ethernet Interfaces for central station communication, email, and diagnostics. The Panel should have provision to add within its cabinet an integrated voice evacuation control card of same make having capability of 8 simultaneous multiplexed audio channels. Panel should also have provision for BMS/Third party interface.</p> <ul style="list-style-type: none"> <li>• UL 864 10th Edition or latest Listed, ULC-S527 or equivalent</li> </ul>			Nos.	1					

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Sl. No.	Item Description	HSN/ SAC	Make & Model	Unit	Qty.	Unit rate in Rs.	Cost for required Qty in Rs.	GST in %	GST in Rs.	Total price including GST
2	Intelligent, addressable Multi-criteria detector that incorporates optical and thermal sensors. <ul style="list-style-type: none"> <li>• Shall be UL 268 7th Edition Listed or latest certification.</li> <li>• Restriction of Hazardous Substances(RoHS compliant)</li> <li>• Each detector shall be self-testing:  - complete diagnostics performed every 10 seconds  - self-monitored for sensitivity within UL Listed limits</li> <li>• Listed, approved as a heat detector: - Rate-of-Rise Detection: 15°F / min (8.3°C / min.)  - Fixed: 135°F (57°C)</li> <li>• Shall have minimum Two-color detector-status light-emitting diode (LED).  Detector should have its own memory. Swapping same type of detectors to different base should not call for reprogramming.</li> </ul>			Nos.	<b>134</b>					
3	Intelligent Addressable Manual Call Point capable of being addressed electronically <ul style="list-style-type: none"> <li>• Shall have Trouble indication during service and maintenance</li> <li>• UL38 Listed or equivalent</li> </ul>			Nos.	<b>9</b>					
4	Hooter Cum Strobe with Multi Candela Feature : <ul style="list-style-type: none"> <li>• Wall-mount models shall feature field-selectable Candela settings</li> <li>• sound output of minimum 85 dB;</li> <li>• UL Listed or equivalent</li> </ul>			Nos.	<b>9</b>					
5	Intelligent Addressable Control Modules required for Hooter Cum Strobes Notification devices, capable of being addressed electronically <ul style="list-style-type: none"> <li>• Restriction of Hazardous Substances (RoHS) compliant</li> <li>• Multi-color light-emitting diode (LED) to indicate system status</li> </ul>			Nos.	<b>9</b>					
6	Addressable Fault Isolator module required for determining the short in a circuit and separating the segment having the short capable of being addressed electronically. UL Listed or equivalent			Nos.	<b>12</b>					
7	Graphical software. The system should be capable of establishing IP connectivity in Graphics software to take multiple system inputs from multiple panels. Highlighting an event in the "Event List Viewport" shall automatically cause the display of the map viewport and other configured viewports to display information relative to the highlighted event along with detector location and address.			Nos.	<b>1</b>					
8	Workstation for Graphics with compatible system. Minimum configuration- CPU: Intel Xeon processor or equivalent, OS: Windows 10 or latest, minimum 16 GB RAM, minimum 1 TB SSD capacity of internal storage to run the system efficiently.			Nos.	<b>2</b>					

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Sl. No.	Item Description	HSN/ SAC	Make & Model	Unit	Qty.	Unit rate in Rs.	Cost for required Qty in Rs.	GST in %	GST in Rs.	Total price including GST
9	Suitable rating of Online UPS with 30 mins backup, Input Power supply: Single phase 240V Ac, 50 Hz,			Nos.	<b>1</b>					
10	2 Core 1.5 Sq mm FRLS Armoured cable 1.1 KV grade with supporting, saddling etc. complete in all respect for Fire Detection and Alarm System			Mtrs	<b>3000</b>					
11	Installation, Testing and Commissioning of the Fire Detection and Alarm System		--	Lot	<b>1</b>					
12	Miscellaneous work such as civil work, electrical welding, mechanical etc.		--	Lot	<b>1</b>					
13	Any other items required to complete the project which is not explicitly mentioned above		--	Lot	<b>1</b>					
<b>Total of PART-A</b>										
<b>Total of PART-A in words:</b>										

**PART-B:** Price Bid for “Comprehensive Annual Maintenance Contract” for five years (year wise from 1<sup>st</sup> year to 5<sup>th</sup> year) after expiry of guarantee/warranty period.

YEAR WISE	AMOUNT (IN ₹) FOR COMPREHENSIVE AMC AFTER EXPIRY OF GUARANTEE / WARRANTY PERIOD	GST @.....%	TOTAL AMC AMOUNT FOR THE YEAR (IN ₹) INCLUDING APPLICABLE GST
<b>1<sup>ST</sup> YEAR</b>			
<b>2<sup>ND</sup> YEAR</b>			
<b>3<sup>RD</sup> YEAR</b>			
<b>4<sup>TH</sup> YEAR</b>			
<b>5<sup>TH</sup> YEAR</b>			
<b>Total of PART-B (For 5 years CAMC )</b>			
<b>Total of PART-B in words : Rupees</b>			<b>only</b>

**Grand Total (Total of PART-A+ Total of PART-B):**

**BHARATIYA RESERVE BANK NOTE MUDRAN (P) LIMITED**

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**TENDER DOCUMENT FOR SUPPLY, INSTALLATION AND COMMISSIONING OF HIGH MAST LIGHTING TOWERS**

**T.E No.030/SAL/MMD-MAINT/2022-23 dated 22/11/2022**

**NOTE:**

1. We confirm that the price quoted will be valid till the completion of entire quantity and Not Quoting for same Make & Model as offered in Techno Commercial bid(Part –I) is liable for rejection.
2. We confirm that, the price quoted under PART-A will be valid till the completion of entire quantity and also confirm that, the rates quoted is inclusive of taxes as applicable and will remain firm & binding, no escalation on above on any account shall be admissible during the currency period of contract except for changes in statutory payments, for which documentary proof should be attached for claiming escalation, if any.
3. We confirm that the rates quoted under PART-B is inclusive of all taxes as applicable and will remain firm & there will not be any price escalation during operational period of 5 years CAMC. (Rates Quoted, to be justified if asked for). However, GST, if mentioned in quote, can be claimed as per prevailing tax rule & rate
4. **We understand that Tender shall be finalized on the basis of Overall Lowest (L1) quote including CAMC charges for 5 years after the expiry of warranty period. (i.e., Grand total price of PART-A & PART-B of Section XI).**
5. Amount, GST rate and HSN Code to be clearly mentioned as per above format.
6. Price should be quoted exactly as per the format given above. Multiple rates for single item, would lead to rejection of offer. Omission and/or missing of quote for any item will be treated as incomplete quote and hence will not be considered for Price-Comparison and will be liable for rejection.
7. Price bids with conditions /Counter conditions are liable for rejection.
8. The rates are quoted with all awareness of the site conditions and after going through the tender documents in details.
9. Bidders are required to quote the price within 2 decimal place. Price quoted with more than 2 decimal places will be rounded off to 2 decimal place for evaluation.
10. Bidders mentioning the price quoted for offered item/s in any place other than Price - Bid (PART-II) are liable for rejection of their bid.
11. Bidders are advised to sign and affix their company seal on all the pages of the Price Bid.
12. Bidders may ensure there are no corrections/ over writings in the Price Bid. If any discrepancy is found between the amount in figures and words, Amount in words will be taken as final quoted amount.
13. Supplier shall provide on-site CAMC support for 5 years after completion of 1 year warranty period. The CAMC will be on yearly renewable basis

**Declaration:**

- We noted above points and confirm that we will abide by all the Terms & Conditions of tender.
- We have carefully read Note in Price Bid, the terms & conditions mentioned in Annexure-1 and we don't have any counter conditions.

( )

Name:.....

(Authorised Signatory of the bidder firm with date)

(Seal)

**As per Corrigendum-1 dated 19/01/2023**

**Amended and should be read as**

**BHARATIYA RESERVE BANK NOTE MUDRAN (P) LIMITED***(Wholly owned subsidiary of Reserve Bank of India)*

RBNM P.O. Salboni, Dist. Midnapore (W), West Bengal, Pin Code 721132

**TENDER DOCUMENT FOR SUPPLY, INSTALLATION AND COMMISSIONING OF HIGH MAST LIGHTING TOWERS****T.E No.030/SAL/MMD-MAINT/2022-23 dated 22/11/2022****SECTION XI: PRICE SCHEDULE**

From

Date: .....

M/s. ....

.....

To,

The Senior General Manager

Bharatiya Reserve Bank Note Mudran Private Limited

P.O. RBNML - 721132, Salboni, Dist. Paschim Medinipur, West Bengal

Dear Sir,

**SUB:** Tender Notice for "DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF FIRE DETECTION & ADDRESSABLE FIRE ALARM SYSTEM AT ADMINISTRATIVE BUILDING, BRBNMPL, SALBONI"**REF: Your Tender Enquiry No: 034/SAL/MMD-MAINT/2022-23 dated 30/12/2022.**

With reference to your Tender enquiry cited above, we are pleased to enclose the following as our Price Bid (Part-II) in separate sealed cover for your kind consideration.

Part-A: Price bid for "DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF FIRE DETECTION &amp; ADDRESSABLE FIRE ALARM SYSTEM AT ADMINISTRATIVE BUILDING, BRBNMPL, SALBONI"

Sl. No.	Item Description	HSN/ SAC	Make & Model	Unit	Qty.	Unit rate in Rs.	Cost for required Qty in Rs.	GST in %	GST in Rs.	Total price including GST (in Rs)
1	Intelligent addressable minimum 2 Loop Fire Alarm Panel with future expansion capability. Each loop accessing minimum 125 detectors and 125 modules. The Loop shall support any combination of detectors and Modules with no restriction of any particular number or Module/Detector per Loop limitation. The panel must have minimum 1,000 event history storage. The system should have automatic mapping feature. The panel shall be able to give location of all fire/fault conditions of addressable units via address codes. Further, the panel must be able to automatically switch ON /OFF respective control module whenever any alarm is triggered. The panel should have Ethernet Interfaces for central station communication, email, and diagnostics. The Panel should have provision to add within its cabinet an integrated voice evacuation control card of same make having capability of 8 simultaneous multiplexed audio channels. Panel should also have provision for BMS/Third party interface. • UL 864 10th Edition or latest Listed, ULC-S527 or equivalent			Nos.	1					

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**TENDER DOCUMENT FOR SUPPLY, INSTALLATION AND COMMISSIONING OF HIGH MAST LIGHTING TOWERS****T.E No.030/SAL/MMD-MAINT/2022-23 dated 22/11/2022**

Sl. No.	Item Description	HSN/ SAC	Make & Model	Unit	Qty.	Unit rate in Rs.	Cost for required Qty in Rs.	GST in %	GST in Rs.	Total price including GST (in Rs)
2	Intelligent, addressable Multi-criteria detector that incorporates optical and thermal sensors. <ul style="list-style-type: none"> <li>• Shall be UL 268 7th Edition Listed or latest certification.</li> <li>• Restriction of Hazardous Substances(RoHS compliant)</li> <li>• Each detector shall be self-testing:  - complete diagnostics performed every 10 seconds  - self-monitored for sensitivity within UL Listed limits</li> <li>• Listed, approved as a heat detector: - Rate-of-Rise Detection: 15°F / min (8.3°C / min.)  - Fixed: 135°F (57°C)</li> <li>• Shall have minimum Two-color detector-status light-emitting diode (LED).  Detector should have its own memory. Swapping same type of detectors to different base should not call for reprogramming.</li> </ul>			Nos.	<b>134</b>					
3	Intelligent Addressable Manual Call Point capable of being addressed electronically <ul style="list-style-type: none"> <li>• Shall have Trouble indication during service and maintenance</li> <li>• UL38 Listed or equivalent</li> </ul>			Nos.	<b>9</b>					
4	Hooter Cum Strobe with Multi Candela Feature : <ul style="list-style-type: none"> <li>• Wall-mount models shall feature field-selectable Candela settings</li> <li>• sound output of minimum 85 dB;</li> <li>• UL Listed or equivalent</li> </ul>			Nos.	<b>9</b>					
5	Intelligent Addressable Control Modules required for Hooter Cum Strobes Notification devices, capable of being addressed electronically <ul style="list-style-type: none"> <li>• Restriction of Hazardous Substances (RoHS) compliant</li> <li>• Multi-color light-emitting diode (LED) to indicate system status</li> </ul>			Nos.	<b>9</b>					
6	Addressable Fault Isolator module required for determining the short in a circuit and separating the segment having the short capable of being addressed electronically. UL Listed or equivalent			Nos.	<b>12</b>					
7	Graphical software ( <b>Server-client architecture</b> ). The system should be capable of establishing IP connectivity in Graphics software to take multiple system inputs from multiple panels. Highlighting an event in the "Event List Viewport" shall automatically cause the display of the map viewport and other configured viewports to display information relative to the highlighted event along with detector location and address.			SET	<b>1</b>					

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Sl. No.	Item Description	HSN/ SAC	Make & Model	Unit	Qty.	Unit rate in Rs.	Cost for required Qty in Rs.	GST in %	GST in Rs.	Total price including GST (in Rs)
8	Workstation for Graphics with compatible system. Minimum configuration: Operating system shall be suitable for the software and minimum windows 10/ Windows server 2019, (minimum Intel® Xeon® E-2124G Processor or better, 16 GB RAM minimum, Disk: minimum 128 GB SSD , Disk Speed - 10K RPM minimum. (One Workstation to be used as client and another one as Server), Office 2019 or above. License shall be device based and complete rights to the Purchaser i.e. BRBNMPL. Cloud based software not allowed as our network cannot have internet connection due to security reasons. In case of server breakdown the client configuration shall be suitable to act as Server with server software (OS/ application) loading. <ul style="list-style-type: none"> <li>• The Fire Detection system application software licences shall be in the name of BRBNMPL.</li> <li>• The operating system software can be device based OEM license or license shall be in the name of BRBNMPL.</li> <li>• Office 2019 or above software license shall be OEM license or license shall be in the name of BRBNMPL</li> <li>• Hardware /Software indicated above are indicative. Other equivalent also can be supplied.</li> </ul>			Nos.	<b>2</b>					
9	Suitable rating of Online UPS with 30 mins backup, Input Power supply: Single phase 240V Ac, 50 Hz,			Nos.	<b>1</b>					
10	2 Core 1.5 Sq mm FRLS Armoured cable 1.1 KV grade with supporting, saddling etc. complete in all respect for Fire Detection and Alarm System			Mtrs	<b>3000</b>					
11	Installation, Testing and Commissioning of the Fire Detection and Alarm System		--	Lot	<b>1</b>					
12	Miscellaneous work such as civil work, electrical welding, mechanical etc.		--	Lot	<b>1</b>					
13	Any other items required to complete the project which is not explicitly mentioned above		--	Lot	<b>1</b>					
<b>Total of PART-A</b>										
<b>Total of PART-A in words:</b>										

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**TENDER DOCUMENT FOR SUPPLY, INSTALLATION AND COMMISSIONING OF HIGH MAST LIGHTING TOWERS****T.E No.030/SAL/MMD-MAINT/2022-23 dated 22/11/2022**

**PART-B:** Price Bid for “Comprehensive Annual Maintenance Contract” for five years (year wise from 1<sup>st</sup> year to 5<sup>th</sup> year) after expiry of guarantee/warranty period.

YEAR WISE	AMOUNT (IN ₹) FOR COMPREHENSIVE AMC AFTER EXPIRY OF GUARANTEE / WARRANTY PERIOD	GST @.....%	TOTAL AMC AMOUNT FOR THE YEAR (IN ₹) INCLUDING APPLICABLE GST
1 <sup>ST</sup> YEAR			
2 <sup>ND</sup> YEAR			
3 <sup>RD</sup> YEAR			
4 <sup>TH</sup> YEAR			
5 <sup>TH</sup> YEAR			
	<b>Total of PART-B (For 5 years CAMC )</b>		
<b>Total of PART-B in words : Rupees</b>			<b>only</b>
<b>Grand Total (Total of PART-A+ Total of PART-B):</b>			
<b>Grand Total (in words):</b>			

**NOTE:**

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2. We confirm that, the price quoted under PART-A will be valid till the completion of entire quantity and also confirm that, the rates quoted is inclusive of taxes as applicable and will remain firm & binding, no escalation on above on any account shall be admissible during the currency period of contract except for changes in statutory payments, for which documentary proof should be attached for claiming escalation, if any.
3. We confirm that the rates quoted under PART-B is inclusive of all taxes as applicable and will remain firm & there will not be any price escalation during operational period of 5 years CAMC. (Rates Quoted, to be justified if asked for). However, GST, if mentioned in quote, can be claimed as per prevailing tax rule & rate
4. **We understand that Tender shall be finalized on the basis of Overall Lowest (L1) quote including CAMC charges for 5 years after the expiry of warranty period. (i.e., Grand total price of PART-A & PART-B of Section XI).**
5. Amount, GST rate and HSN Code to be clearly mentioned as per above format.



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*(Wholly owned subsidiary of Reserve Bank of India)*

RBNM P.O. Salboni, Dist. Midnapore (W), West Bengal, Pin Code 721132

**TENDER DOCUMENT FOR SUPPLY, INSTALLATION AND COMMISSIONING OF HIGH MAST LIGHTING TOWERS**

**T.E No.030/SAL/MMD-MAINT/2022-23 dated 22/11/2022**

6. Price should be quoted exactly as per the format given above. Multiple rates for single item, would lead to rejection of offer. Omission and/or missing of quote for any item will be treated as incomplete quote and hence will not be considered for Price-Comparison and will be liable for rejection.
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13. Supplier shall provide on-site CAMC support for 5 years after completion of 1 year warranty period. The CAMC will be on yearly renewable basis

**Declaration:**

- We noted above points and confirm that we will abide by all the Terms & Conditions of tender.
- We have carefully read POINTS in 'Note' in Price Bid, the terms & conditions mentioned in Annexure-1 and we don't have any counter conditions.

( )

Name:.....

(Authorised Signatory of the bidder firm with date)

(Seal)

***Note: These changes are applicable at all other places of tender including Page Nos. given above.***

**All other terms and conditions remain unchanged.**

***This Corrigendum/Amendment forms part of the referred Tender. This page of Corrigendum / Amendment is to be submitted along with Techno-Commercial Bid (Part – I) duly signed and sealed by authorized signatory.***

***Bidders who have already submitted their sealed offer have to submit this Corrigendum/Amendment duly signed and sealed in a separate envelope superscribing as "CORRIGENDUM NO. 1 TO LIMITED TENDER ENQUIRY NO. 034/SAL/MMD-MAINT/2022-23 DATED 30/12/2022 FOR "DESIGN, SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF FIRE DETECTION & ADDRESSABLE FIRE ALARM SYSTEM AT ADMINISTRATIVE BUILDING, BRBNMPL, SALBONI" by authorized signatory within the closing date of submission i.e. 03/02/2023.***

**Bidders are requested to submit revised bids incorporating the above changes in their offers, if already submitted.**

Yours faithfully,  
For & On behalf of BRBNMPL

(Bibek Dutta Chowdhury)  
Assistant General Manager-MMD