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<th>S/NO.</th>
<th>DESCRIPTION</th>
<th>SPECIFICATIONS</th>
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| 1.    | Fire Alarm Control Panel           | Microprocessor based panel  
The panel shall have hooter alarm  
The panel shall also have the facility for automatically dialling select phone numbers in case of fire.  
The panel must have 2 loop card  
Short/Open circuit fault shall also be reported at the Fire alarm control panel.  
The fire alarm control panel shall have the facility to set each smoke sensor sensitivity.  
Audible devices shall be initiated, if required at a pre-programmed time.  
The Fire alarm control panel shall have a Liquid Crystal Display of Alphanumeric type.  
The voltage rating shall be from 14V DC to 31V DC  
The Fire alarm control panel shall have UL/FM approval. |
| 2.    | Detectors                          |  
The detector shall be analog addressable type.  
The address programming shall be done by a base/detector or from the Fire alarm control panel.  
(a) Multi Sensor Detector  
The detector shall have a Multi sensor type integrates photoelectric smoke and fixed temperature heat sensing technology.  
The detector shall be suitable for low voltage (between 13 to 31V DC) two wire supply.  
The detector shall be provided with Single/Twin LED indication.  
The detector shall be suitably protected against dust accumulation/ingress.  
The coverage per smoke detector shall strictly follow relevant standards.  
(b) Heat Detector  
Heat detector shall go into the alarm mode when the temperature reaches 34 degree Centigrade in normal course.  
The heat detector shall be Analogue Addressable type and be able to send analogue output to the fire alarm control panel regarding its condition.  
The detector shall have UL/FM approval.  
The detector shall have twin LED's/Single LED for 380/180 degree viewing angle.  
Each sensor shall be capable of being tested for alarm via command from the Fire alarm control panel. |
<p>| 3.    | Manual Call Station                | The manual call station shall be addressable |</p>
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| 4. | **Input module**  
The input modules shall be of dual/single point type.  
The dual channel module shall be selectable for Normally open or closed. |
| 5. | **Sounder**  
The sounder shall be addressable electronic type and shall give discontinuous/intermittent audible alarm whenever any detector or call box operates.  
The sounder shall be powered from Main Fire alarm control panel through separate 2 wire cable. |

**Note**—सभी विकलांकों/फर्मों से निवेदन है कि अपने सुझावों के साथ निम्नलिखित कागजात भी संलग्न करने का श्रम करें—

1. उत्पाद की वास्तविक विवरण पुस्तिका।  
2. उत्पाद की साहित्यिक रचना का ब्यौरा।  
3. गुणात्मक आवश्यकताओं के उपर व्यापक टिप्पणीय|