



ब्रह्मपुत्र क्रेकर और पालीमेर लिमिटेड

(भारत सरकार का उपक्रम)

Brahmaputra Cracker and Polymer Ltd.

(A Government of India Enterprise)

SECTION – V

SPECIAL CONDITION OF CONTRACT AND TECHNICAL SPECIFICATION



1. Delivery Schedule:

The material shall be delivered within Sixty (60) days from the date of issuance of purchase order. Date of LR shall be considered as date of delivery.

2. Guarantee/Warranty:

All goods or material shall be supplied strictly in accordance with the specification. If any trouble or defects originating with the design, material, workmanship or operating characteristics of any material, arises at any time prior to twelve (12) months from the date of supply at BCPL site and the seller shall repair, replace as may be necessary to permit the material to function in accordance with the specification.

3. Vendor shall submit product literature/catalogue along with the Offer.

4. Vendor shall submit Make, Model and its Technical Literature for Smoke and Heat Detector Combo Testing Kit with Aerosol Canister along with their offer.



SPECIFICATIONS OF SMOKE AND HEAT DETECTOR TESTING KITS.

Sn	Item	Quantity	Specification
1	Aerosol Smoke Dispenser.	1	Mechanism of working: The dispenser must blow the aerosol/smoke through the detector vents and into the sensing chamber. 1. Dispenser body must be Electrically and thermally non-conductive. 2. Dispensing chamber must be transparent. 3. The dispenser mouth covering the detector perimeter must have a proper sealing mechanism to avoid aerosol lose & ensure effective working. 4. The kit must support Optical point(photoelectric) smoke sensors (single laser, dual wavelength, or dual scatter type) and Ionization smoke sensor. 5. Dispenser must be strong to withstand rigorous daily use. 6. Dispenser& aerosol canister must work in spring load mechanism. 7. Dispenser must be designed for working at various heights and angles with access poles. 8. Dispenser must be interchangeable with all other poles in the kit. 9. Dispenser must have enough diameter to test detector having diameter up to 100mm.
2	Cordless Heat Detector Tester kit	1	Mechanism of working: Air must be heated and blown across the cup ensuring the heat source is directed at the sensor. The heat detector kit must contain 1 Cordless Heat Head Unit, 2 Battery and 1 Fast Charger. 1. The detector kit must suit to fixed temperature, rate-of-rise and combination detectors up to 194°F / 90°C. 2. Heat Head Unit must be battery operated and cordless type. 3. Kit must contain 2 rechargeable batteries and fast charger suitable with the kit. 4. Heat Head Unit body must be Electrically and thermally non-conductive. 5. Heat Head Unit chamber must be transparent. 6. Heat Head Unit must be designed for working at various heights and angles with access poles. 7. Heat Head Unit us be Universal type which suitable for use on all types of detectors. 8. Heat Detector Tester kit must be strong to withstand rigorous daily use. 9. Heat Head Unit must be interchangeable with all other poles in the kit.



3	Telescopic Pole	1	Mechanism of working: Fiberglass Telescopic Pole must be height adjustable in minimum of 4 Section and having a maximum extendable height up to 6 meters. 1. Telescopic Pole must be non-whip – even at height. 2. Telescopic pole must be made of light weight fiberglass. 3. Telescopic pole must be electrically and thermally non-conductive. 4. Telescopic pole must be suitable with other equipment in the kit
4.	Extension Pole	3	Mechanism of working: Each extension pole must be attachable with Telescopic pole and each other for accessing additional height after the limit of Telescopic pole. Each extension pole must have a minimum length of 1.13 meters. 1. Extension Pole must be non-whip – even at height. 2. Extension pole must be made of light weight fiberglass. 3. Extension pole must be electrically and thermally non-conductive. 4. Extension pole must be suitable with other equipment in the kit
5	Universal Detector Removal Tool	1	Mechanism of working: Universal Detector Removal Tool colour coded heads which rotate to provide a combination of settings and lock into place to fit different sized detectors. 1. Detector Removal Tool must have universal design to fit with removal of all type of detector. 2. Must be designed for working at various heights and angles with access poles.
6	Protective Carrying / Storage Bag	1	The kit must be supplied in a proper bag having enough and assigned location for all the equipment.
7	Smoke detector tester aerosol canister	12	Mechanism of working: The product must be a clean synthetic aerosol that delivers particles replicating those found in real smoke to the detector. 1. Each Canister must have a capacity of 250ml. 2. The product must be non-flammable. 3. The product must not leave any residue after the usage. 4. The product must be oil free formulation. 5. The product must have a fast activation and clearing time