

| Version -II | | | | | | | | | | | |
|------------------------|--|--|----------------|-----------------------|---------|---------|-----------------------|-------------------------|----------|-------------------|------------------------------------|
| Major Product Category | | Security surveillance and detection | | | | | UNSPC CODE: 5216 | | | | |
| Sub-category : | | Surveillance and detection equipment | | | | | UNSPC Code: 461716 | | | | |
| Product | | Night Vision Device(Night Vision Equipment) | | | | | UNSPC Code: 46171626 | | | | |
| Sub-category : | | Other Spectacles, Goggles etc., | | | | | ITC HS Code: 900490 | | | | |
| Product | | Passive Night Vision Goggles (Night Vision Equipment) | | | | | ITC HS Code: 90049010 | | | | |
| Demand Aggregation: | | | | | | | ON UNSPC | | | | |
| Sl.No. | Items / Parameters | Type of Field | Value-1 | Value-2 | Value-3 | Value-4 | Validation Rule | Whether Filter required | Priority | Unit | Remarks |
| 1 | TYPE/ Category | Ch | Hand held | Face / Helmet mounted | | | | Yes | | Ch | |
| 2 | Image intensifier tube (II Tube) make | Ch | | | | | must declare | | | | |
| 3 | Image intensifier tube (II Tube) model | Ch | | | | | must declare | | | | |
| 4 | II Tube - Resolution | N | | | | | >/ = 64 | Yes | | linear pairs / mm | furnsh OEM's certificate on demand |
| 5 | II Tube - Signal to noise ratio measured at 108 u lux | N | | | | | >/ = 22 | Yes | | Null | furnsh OEM's certificate on demand |
| 6 | II Tube - Mean time between failure(MTBF) | N | | | | | >/ = 10,000 | Yes | | Operation hours | furnsh OEM's certificate on demand |
| 7 | II Tube grade | Ch | Military grade | | | | | | | Null | furnsh OEM's certificate on demand |
| 8 | II Tube- In built Bright source protectionl(BSP) | Ch | Yes | | | | | | | Null | furnsh OEM's certificate on demand |
| 9 | II Tube- In built Automatic Gain control (AGC) | Ch | Yes | | | | | | | Null | furnsh OEM's certificate on demand |
| 10 | Water Resistance when the Total equipment immersed in water of 1 meter depth | Ch | | | | | >/ = 30 | | | minutes | |
| 11 | Detection Range in Star lit conditions without moon for Human being | N | | | | | >/ = 400 | | | meters | |
| 12 | Recognition range Range in Star lit conditions without moon for Human being | N | | | | | >/ = 300 | | | meters | |
| 13 | Detection Range in Star lit conditions without moon for Light commecial vehicles | N | | | | | >/ = 500 | | | | |

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|----|--|----|----------------------------------|--------------|-----------------|--|-------------|--------------------------|
| 14 | Recognition Range in Star lit conditions without moon for Light commercial vehicles | N | | > / = 400 | | | meters | |
| 15 | Power source / Battery | ch | | must declare | | | Null | |
| 16 | Low battery indictaion | Ch | Yes | must declare | | | Null | |
| 17 | Magnification | N | | > / = 4x | Yes | | Null | |
| 18 | Field of view | N | | > / = 6 | | | degrees (°) | |
| 19 | Adjustable Inter pupil distance (IPD) | N | Yes | | | | | |
| 20 | Dioptre adjustment range | N | minus (-) 4.5 to plus (+) 4 | | | | diopeters | |
| 21 | Operating temperature range | Ch | minus (-) 30 °c to plus (+) 55°c | | | | °c | |
| 22 | weight with battery | N | | ≤ 990 grams | | | grams | |
| 23 | Guarantee / Warranty | Ch | | > / = 3 | Yes | | years | |
| 24 | Humidity test confirming to JSS 55555 or MiL std 810 -F | Ch | Yes | must declare | | | | supported by test report |
| 25 | Shock test confirming to JSS 55555 or MiL std 810 -F | Ch | Yes | must declare | | | | supported by test report |
| 26 | Vibration test confirming to JSS 55555 or MiL std 810 -F | Ch | Yes | must declare | | | | supported by test report |
| 27 | Rain test confirming to JSS 55555 or MiL std 810 -F | Ch | Yes | must declare | | | | supported by test report |
| 28 | Miscellaneous Accessories (water proof carrying case, Purging kit, one additional set of battery, cleaning kit, list of supporting test equipment and their rates, undertaking to provide spare parts for next 10 years from the date of supply, technical manual, operational manual, Repair & maintenance training) | Ch | Yes | Yes | | | | |
| 29 | Availability of test reports from Central Govt. /NABL / ILAC accredited Lab covering all the parameters as per specifications | Ch | Yes | Yes | | | Null | |
| 30 | Test Report No. | Ch | | must declare | | | Null | |
| 31 | Test Report date | Ch | | must declare | | | Null | |
| 32 | Name of Test lab | Ch | | must declare | | | Null | |
| 33 | Address of the Test lab. | Ch | | must declare | | | Null | |
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| | | | S.K.JAIN | | A. Ravi Kumar | | | |
| | | | Director (QA) DGS&D | | AD (QA), DGS&D, | | | |