

### Bid Document

| Bid Details  |   |
|--|---|
| Bid End Date/Time                                      | 20-07-2020 20:00:00                                 |
| Bid Opening Date/Time                                  | 20-07-2020 20:30:00                                 |
| Bid Life Cycle (From Publish Date)                     | 90 (Days)   |
| Bid Offer Validity (From End Date)                     | 15 (Days)   |
| Ministry/State Name                                    | Ministry Of Defence                                 |
| Department Name  | Department Of Defence                               |
| Organisation Name                                      | Indian Army   |
| Office Name  | *****   |
| Total Quantity   | 1   |
| Item Category  | DSLR/ COMPACT / HANDHELD CAMCORDER or VIDEO CAMERAS |
| MSE Exemption for Years of Experience and Turnover     | No  |
| Startup Exemption for Years of Experience and Turnover | No  |
| Bid to RA enabled                                      | No  |
| Inspection Required                                    | No  |

### EMD Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

### ePBG Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

### Splitting

Bid splitting not applied.

**DSLR/ COMPACT / HANDHELD CAMCORDER Or VIDEO CAMERAS ( 1 pieces )**

### Technical Specifications

\* As per GeM Category Specification

| Specification   | Specification Name   | Values                 | Bid Requirement (Allowed Values)   |
|-----------------|--|------------------------|--|
| TYPE            | <b>Classification of Camera</b>                            | Still                  | Still, Video   |
|                 | <b>Type of Camera</b>                                      | DSLR Full Frame Format | DSLR APS Format, DSLR Full Frame Format, Compact Digital camera, Handheld camcorders or Video Cameras    |
| IMAGE SENSOR    | <b>Image Sensor</b>  | CMOS                   | CCD, CMOS  |
|                 | <b>Sensor Size for Fixed Lens Camera (inch)</b>            | NA                     | *  |
|                 | <b>Sensor Size for Interchangeable Lens Camera (mmxmm)</b> | 23.5 x 15.6 to 15.7    | 17.3 x 13.0, 22.3 x 14.9, 22.5 x 15, 23.5 x 15.6 to 15.7, 35.6 to 35.9 x 23.8 to 24, 36 x 23.9 to 24, NA |
|                 | <b>Effective Pixels (Mega Pixels)</b>                      | 20                     | 24, 20   |
|                 | <b>ISO (Sensitivity of the image Sensor) Max</b>           | 51200                  | 800, 1600, 3200, 6400, 12800, 25600, 32000, 40000, 51200, 0 Or higher                                    |
|                 | Supported Picture or image format                          | JPEG,RAW               | *  |
| OPTICS          | <b>Lens Mounting</b>                                       | Detachable             | Fixed, Detachable  |
|                 | Mount type   | -                      | *  |
|                 | Type of Lens   | Zoom Lens              | *  |
|                 | <b>Minimum Focal Length</b>                                | 18                     | Above 10   |
|                 | <b>Maximum Focal Length</b>                                | 105                    | 0 - 800  |
|                 | <b>Minimum Lens Aperture (f/number)</b>                    | 3.5                    | Above 0.2  |
|                 | <b>Maximum Lens Aperture (f/number)</b>                    | 22                     | 0 - 22   |
|                 | <b>Optical Zoom</b>  | 3X to 5X               | *  |
|                 | Digital Zoom (X)   | 0                      | *  |
|                 | Maximum Field of View                                      | 135                    | *  |
|                 | Focus Mode   | Auto,Manual            | *  |
| Video Recording | <b>Video Recoding</b>                                      | Yes                    | Yes, No  |
|                 | <b>Maximum Recording Resolution (Pixels)</b>               | 4K (3840 x 2160)       | 4K (3840 x 2160), Full HD (1920 x 1080), HD  |

|          |  |  |  |
|----------|--|--|--|
|          |  |  | (1280 x 720), SD (640 x 480), NA                               |
|          | <b>Frame Rate</b>                                  | 25   | *  |
|          | Video Compression Format                           | H.264,MPEG4                                  | *  |
|          | <b>Live Video Streaming</b>                        | Yes  | Yes, No  |
|          | Video Output Port                                  | HDMI   | *  |
|          | Video file format                                  | MOV,MP4                                      | *  |
| AUDIO    | <b>Audio Recording</b>                             | Yes  | Yes, No  |
|          | Audio Recording Type                               | Buit-in,External                             | *  |
|          | Number of Audio Input Port                         | 1  | *  |
|          | Type of Audio input Port                           | 3.5 mm (Stero mini jack)                     | *  |
|          | <b>Audio Output</b>                                | Yes  | Yes, No  |
|          | Number of Audio Output Port                        | 1  | *  |
|          | Type of Audio output Port                          | 3.5 mm (Stero mini jack)                     | *  |
| DISPLAY  | <b>Display</b>                                     | Yes  | Yes, No  |
|          | Display Type                                       | TFT  | *  |
|          | <b>Touch Screen</b>                                | Yes  | Yes, No  |
|          | <b>Display Size (inch)</b>                         | 3.1 - 3.5                                    | 1-1.5, 1.6-2, 2.1 - 2.5, 2.6 - 3, 3.1 - 3.5, 3.6 and above, NA |
|          | <b>Vari Angle Screen</b>                           | Yes  | Yes, No  |
|          | <b>View Finder</b>                                 | Yes  | Yes, No  |
| FEATURES | <b>Flash</b>                                       | Built-in                                     | Built-in, External (Not inclusive in the scope of supply), NA  |
|          | GPS coordinates Stamping onto Videos / photographs | No   | *  |
|          | Gyro Sensor  | No   | *  |
|          | Voice Control                                      | No   | *  |
|          | Connectivity Interface                             | Wi-Fi,Bluetooth,USB                          | *  |
|          | Control  | App  | *  |
|          | Supported Operating Systems for App                | iOs,Android,Windows,Mac OS,NA                | *  |
|          | Picture control system                             | Auto,standard,portrait, monochrome,landscape | *  |

|                      |   |   |                            |
|----------------------|---|---|----------------------------|
|                      | Noise reduction Feature   | No  | *                          |
|                      | Flash modes   | Auto,Flash fill,Slow Synchro,Advanced Sync,Flash Off,NA | *                          |
|                      | Shutter type  | electronically controlled                               | *                          |
|                      | Minimum Shutter Speed   | 30  | *                          |
|                      | Maximum Shutter Speed   | 0.125   | *                          |
|                      | Drive modes   | Countinuous Shooting                                    | *                          |
| STORAGE              | Storage Type  | SD  | *                          |
|                      | Dual Slot   | No  | *                          |
|                      | SD Card Memory inclusive in the scope of supply (GB)            | 16  | *                          |
|                      | Memory Card expandable upto (GB)                                | 256   | *                          |
|                      | In-built Memory(GB)   | 0   | *                          |
| BATTERY              | Power Source  | Rechargeable Battery                                    | *                          |
|                      | Battery Size, if Non Rechargeable Battery                       | NA  | *                          |
|                      | Battery Chemistry, if Rechargeable Battery                      | Li-Ion  | *                          |
|                      | Number of Batteries required for operation                      | 1   | *                          |
|                      | Number of Batteries supplied (Inclusive in the Scope of Supply) | 1   | *                          |
|                      | BATTERY CAPACITY (mAh)  | 1900  | *                          |
|                      | Battery Charger for Rechargeable Batteries                      | Yes   | *                          |
| OPERATING CONDITIONS | <b>Minimum Operating Temperature (for land use)</b>             | 0   | -10.0, 0.0                 |
|                      | <b>Maximum Operating Temperature (for land use)</b>             | 40  | 40, 50, 55, 60, 70         |
|                      | <b>Operating Humidity, Rh at 40 deg C</b>                       | 80  | 65, 70, 75, 80, 85, 90, 95 |
| GENERIC              | <b>Housing construction</b>                                     | Metallic  | Metallic                   |
|                      | <b>IP Protection</b>  | IP 23   | IP 21, IP 22, IP 23, IP    |

|          |   |     |   |
|----------|---|-----|---|
|          |   |     | 52, IP 53, IP 54, IP 55, IP 66, IP 67, NA |
|          | <b>Carry Case inclusive</b>                                   | Yes | Yes, No                                   |
|          | Weight  | 1.2 | *   |
|          | Dimension (WxHxD) (mmxmmxmm)                                  | -   | *   |
|          | List of Items and Quantity of each item included in the offer | -   | *   |
| WARRANTY | <b>Warranty</b>   | 2   | 1, 2, 3, 4, 5                             |

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

### Additional Specification Documents

### Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address       | Quantity | Delivery Days |
|-------|-----------------------------|---------------|----------|---------------|
| 1     | *****                       | *****LUDHIANA | 1        | 15            |

### Bid Specific Additional Terms and Conditions

1. Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service for next 1 years for the offered products at the rate not more than 6 % of contract price per annum. Buyer reserves the right to enter into an AMC agreement ( covering preventive maintenance and servicing)with the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the payment for the AMC charges would be made Monthly after rendering of the AMC Services of the relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the AMC contract when called upon by the buyer. The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 3% of total AMC value valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).
2. Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide Comprehensive Maintenance Service for next 2 years for the offered products at the rate not more than 3 % of contract price per annum. Buyer reserves the right to enter into a CMC agreement with the Successful Bidder / OEM after expiry of the Warranty period at above mentioned rate and the payment for the CMC charges would be made Annually after rendering of the CMC Services of the relevant CMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the CMC contract when called upon by the buyer. CMC would include cost of 100 (Upload the undertaking). The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 6% of total CMC value valid up to CMC period plus 2 months (if there is no other claim).

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**