

SECTION – III (VOLUME-'A')**TECHNICAL SPECIFICATION FOR DIGITAL POINT AND SHOOT CAMERA HAVING STILL PICTURE AND VIDEO CAPTURING CAPABILITY SUITABLE FOR VIGILANCE WING AGAINST TN-2650**

3.1 SCOPE: This specification covers supply inspection and delivery of Digital Camera at our Nigam stores.

3.2 STANDARD FOR MATERIAL: The material shall be manufactured and tested in accordance with the following specification of Digital Camera with minimum 20 megapixel, 8 GB storage, Lithium Ion battery.

3.3 SAMPLES:

The supplier shall furnish one sample of offered camera one day prior to the opening of the tender at the office of Superintending Engineer (MM-II), JVVNL, for approval failing which their technical Bid shall not be opened. The bidders are required to furnish brochure of the Model submitted along with sample wherein detailed features of the model are listed.

The sample furnished will be evaluated by the committee constituted by the Chief Engineer (MM).

The Bidder whose sample does not found suitable by the above mentioned committee, the Price bid of such bidder shall not be opened.

The sample shall be returned to respective representative of all the unsuccessful bidders after the placement of order.

The sample shall be returned to respective representative of successful bidders after the last inspection has been conducted.

3.4 Technical Parameters

S.No.	Description	Minimum required features
1.	Zoom	10 X Optical Zoom minimum
2.	Sensor	CCD Sensor or better
3	Display	LCD or LED or better
4	Connectivity	USB minimum,
5	Resolution	20 Mega-pixel
6	Accessories	Battery Pack, Charger, Wrist strap, Manual
7	Video fps	720 Frame rate or better
8	Aperture Range	f/3.0 – f/6.9 or better
9	Focal length	4.3- 43 mm or better
10	Battery capacity	650mAh, 3.6 V or better

S.No.	Description	Minimum required features
11	Battery type	Li-ion battery
12	Exposure Mode	Automatic Mode, Full Manual, Program Mode
13	ISO	Auto, 100- 1600 ISO or better
14	White balance type	Auto, Cloudy, Custom, Daylight, Fluorescent
15	Shutter Speed	1/2000 – 1 sec
16	Supported Media softwares	Windows and Mac OS, Linux
17	Drive Mode	Single Shot, Continuous shot, Self timer
18	Burst Mode	6 shot per sec
19	Image Stabilization	Optical
20	Image Minimum resolution	0.3 MP
21	Image file format	JPEG
22	Video file size	4 GB

3.5 PACKING:

Each item should be suitably and properly packed as per manufacturer's standard practice. The packing should be able to withstand rough handling during transit of material at various destination.

3.6 GUARANTEED TECHNICAL PARTICULARS: -

The bidder shall furnish all the necessary information as desired in the schedule of Guaranteed Technical Particulars and data, appended at Annexure A of this specification. If the bidder desire to furnish any other information(s) in addition to the details as asked for, the same may be furnished against the last item of this Annexure.

3.7 INSPECTION AND TESTING:

- a) In case material/equipment is not found ready in good / acceptable condition by the representative(s) of the purchaser deputed for inspection to the extent of the quantity indicated in the inspection call with tolerance of (-) 10% or if the inspection is not got carried out by any reasons on account of the supplier an amount of Rs.7,500/- for the supplier's works/store located in Rajasthan, and an amount of Rs.15,000/- for the supplier's works/store located outside Rajasthan will become payable by the supplier on this account to the Accounts Officer (MM), Jaipur Discom, Jaipur.
- b) All the camera offered for inspection shall be tested as per scope of the GTP.

If the samples meet the requirement of above tests, the lot shall be accepted and if it fails, the entire quantity of shall be rejected and shall have to be replaced by the supplier at his own cost. Repeated failure/ poor results in the testing may render cancellation of order.

3.8 PACKING AND FORWARDING OF DIGITAL CAMERA: -

Each camera along with accessories shall be suitably and properly packed in card-board box, the card-board box shall be clearly marked with type and model No of camera, 25-30 Nos. camera boxes shall per packed in a big card board container or as per manufactures standard practice. Any other mode of packing superior to above as per manufactures standard practice may also be agreed.

3.9 REPLACEMENT OF DEFECTIVE DIGITAL CAMERA:

The camera or accessories declared defective by the consignees shall be repaired / replaced by the supplier up to the full satisfaction of the purchaser at the cost of supplier as per clause no. 1.18 of GCC within 15 days of intimation by purchaser.

3.10 MAINTENANCE & GUARANTEE: -

It shall be governed by clause 1.40 of GCC except that the guarantee shall be for a period of 2 years **(for camera as well as accessories)** from the date of receipt of material in the stores. The material found defective within the guarantee period shall be repaired /replaced by the supplier free of cost within 15 days from the date of receipt of information. If defective material is not replaced within the specified period as above, the cost of GP failed material shall be deducted from firm's financial hold and Performance Bank Guarantee shall be operated to recover the cost.

3.11 SCHEDULE OF REQUIREMENT :

Name of item	Quantity
Digital Camera along with accessories	300 Nos

The above quantity is tentative which may be increased or decreased at the time of finalization of tender.

3.12 DEPARTURE FROM SPECIFICATION :

Should the supplier which to depart from the specification in any respect he should clearly state such departures, indicating the reasons thereof. Unless this is done, the departmental specification will hold good and shall be binding on the suppliers unless the departures have been approved in writing by the purchaser.

3.13 DELIVERY / COMPLETION PERIOD

The supply should be completed within the stipulated delivery schedule i.e. **60** days from the date of receipt of purchase order. First 30 shall be commencement period and material to be supplied in 30 days thereafter.

In case of failure in execution of the supply, the order can be withdrawn/cancelled and the work can be got supplied through other supplier on the risk & cost of the supplier.

3.14 DELAY IN DELIVERY:-

As per G.C.C. Clause No. 1.24

3.15 PRICE :

Tenderer must quote 'FIRM' prices. The quoted prices shall be exclusive of Goods and Service Tax. If no duty and/ or tax is applicable at concessional rate, the same shall be clearly mentioned. The GST shall be quoted in specified space as provided in the BOQ.

3.16 SUPPLIER :

The supplier shall furnish complete particulars of the material offered by them in regard to this specification and do submit the same with their offer in single copy. Failure to do so or any incomplete entry therein may prevent a tender from being considered.

3.17 ADDITIONAL ORDER

Repeat orders for additional quantities, up to a maximum of 50% of original ordered value, may be placed by the Nigam, on the same rates, terms and conditions given in the contract.

b) The supplier received without complete details required as per enclosed forms / schedule are liable to be rejected.

3.18 General Information:

Frequent changes in specifications during currency of contract will be avoided and if required the same shall be effected on mutually agreed basis.

Schedule –GTP

GUARANTEED & OTHER TECHNICAL PARTICULARS OF DIGITAL POINT AND SHOOT CAMERA HAVING STILL PICTURE AND VIDEO CAPTURING CAPABILITY SUITABLE FOR VIGILANCE WING AGAINST TN- 2650

S. No.	Description	Requirement minimum	To be filled by Bidder
1.	Bidder's name and address.		
2.	Name of Brand offered		
3	Name of Model offered		
4	Zoom	10 X Optical Zoom minimum	
5	Sensor	CCD Sensor or better	
6	Display		
7	Connectivity	USB minimum,	
8	Resolution	20 Mega-pixel	
9	Accessories	Battery Pack, Charger, Wrist strap, Manual	
10	Video fps	720 Frame rate or better	
11	Aperture Range	f/3.0 – f/6.9 or better	
12	Focal length	4.3- 43 mm or better	
13	Battery capacity	650mAh, 3.6 V or better	
14	Battery type	Li-ion battery	
15	Exposure Mode	Automatic Mode, Full Manual, Program Mode	
16	ISO	Auto, 100- 1600 ISO or better	
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18	Shutter Speed	1/2000 – 1 sec	
19	Supported Media softwares	Windows and Mac OS, Linux	
20	Drive Mode	Single Shot, Continuous shot, Self timer	
21	Burst Mode	6 shot per sec	
22	Image Stabilization	Optical	
23	Image Minimum resolution	0.3 MP	
24	Image file format	JPEG	
25	Video file size	4 GB	
26	Any other point		

(Signature)

Name & Designation with seal of the bidder