## **REQUEST FOR QUOTATION**

CNSMS/2016-17/Admin/LP-160 Date: 28 Mar 2017

To,

Dear Sir,

The Centre invites sealed quotations from your firm for the items mentioned in Annexure I for installation of a Surveillance systems at our site located at Survey No.07, Shivanapura Village, Dasanapura Hobli, Bangalore North Taluk.

The Surveillance system is to be set in such a way that the live streaming takes place over cellular network, for the purpose of monitoring remotely at the Centre’s Jalahalli campus.

The set up is to be supported with a UPS System charges with a Solar module and Invertor, as indicated in the diagram below:

PV Module Solar Panel

Cameras

Invertor

UPS

Router

Mains

Internet

NAS Box

CeNS Office

The quotation should clearly indicate the taxes and duties applicable. Warranty should be provided for a minimum period of 12 months from the date of installation. The charges for extended warranty for 2nd and 3rd year may also be indicated. Charges for civil work and installation testing, etc. should be shown separately.

It may be noted that full payment shall be made only after completion of the work through NEFT/RTGS mode only.

The quotations should be addressed to The Administrative Officer, Centre for Nano and Soft Matter Sciences, PB No.1329, Jalahalli, Bangalore 560 013. The sealed quotation should reach on or before 3.00 pm of **29 March 2017**.

Yours sincerely,

Administrative Officer

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| **Sl. No** | **Particulars** | **Qty** | **UOM** |
| 1 | Arecont vision IP Bullet (AVcamera 3mp (D/N)IR AV 3226PMIR S | 2 | Nos. |
| 2 | 64 GB SD card Scandisk (class 10) Micro card | 2 |  |
| 3 | Hikvision 4 channel NVR DS-7604NI-E1 | 1 | no. |
| 4 | NAS BOX 1TB (2bay) VS-2112 PRO+ (QNAP) | 1 | no. |
| 5 | 8+1 Port POE Switch (Bestnet) | 1 | no. |
| 6 | Techroutes LAN TO WAN Modem switch (TR-1803) | 1 | no. |
| 7 | Airtel 4G Router without subscription/plan | 1 | no. |
| 8 | 2U Hubrak with powerstrip | 1 | no. |
| 9 | Outdoor Antenna for Router with 30ft pole (Omni) | 1 | no. |
| 10 | 4 Mtrs GI Pole for Camera installation (Horizontal cantilever arm required for Camera Mounting ) | 2 | nos. |
| 11 | HDP 32 mm pipe | 1 | Per meter |
| 12 | CAT 6 Indoor cable | 1 | Per meter |
| 13 | CAT 6 Outdoor cable | 1 | Per meter |
| 14 | PVC 1" pipe | 1 | Per meter |
| 15 | 2.5 sq mm 3 Core cable | 1 | Per meter |
| 16 | Installation charges for all the above | At actuals | Per meter |
| 17 | Trenching and filling | At actuals | Per cubic feet |
| 18 | Lying of CAT 6 cable indoor | 1 | Per meter |
| 19 | Lying of CAT 6 cable outdoor cables | 1 | Per meter |
| 20 | Laying of power cable | 1 | Per meter |
| 21 | Solar hybrid inverter 1kva/pure Sine wave output/dual input solar & Main grid power Solar Panel (1KW ) | 1 | no. |
| 22 | 100Ah battery (Amaron / Quanta SMF ) | 2 | Nos. |
| 23 | IP 66 box with PDU box Dimensions: (HxWxD) 300x 250 x 200mm Product details Enclosure Type Industrial External | 1 | no. |

**Annexure I**