

Sealed tenders are invited from Suppliers and Dealers for the supply:

Sr.No.	Particulars	Quantity
1	IOT enabled Router with min Configuration of Wi- Fi Performance : 1900Mbps Dual Band/ Tri (600 + 1300) ,Open Source Support, PC Backup Software, Dual Core Processor with 3 Offload Processor Dual Core, Advanced Dynamic QoS, No. of Antennas: min 3 (external) , Ports: USB , LAN Ports: min 4 (support for Link Aggregation) ,VPN Support: Yes	05
2	IoT Gateways with following min configuration Processor Intel® Atom™ E3825 – 1.33GHz 2 cores. Intel® Atom™ E3827 – 1.75GHz 2 cores Operating System Ubuntu Snappy Core and Wind River Linux. Memory 2G (4x256Mx16 DDR3L0 – 1067MHz. 4G (8x 256Mx16 DDR3L) – 1333MHz. 8G (8x 512Mx16 DDR3L) – 1333MHz. Environmental Commercial unit: Operating temperature 0°C to 50°C; Relative humidity 5% to 95% non-condensing. USB Port Support Form Factor I/O Expansion Slots, Wireless Software • WindRiver®: Helix™ Device Cloud. Snappy Ubuntu. Your choice of Dell Edge Device Manager (EDM) or Dell Client Command Suite to enable your choice of third-party on-premise management console such as Microsoft System Center. Security • Trusted Platform Module (TPM) v1.2 to securely store artifacts (including passwords, certificates, or encryption keys) used to authenticate the gateway.	10
3	Smart bin with following min configuration 20kg Load Cell, Contact Switch, Servo Motor Gerard DC Motor , Aduonio or Gizduino+ v3.0(ATmega324) Gizduino+ v4.0(ATmega328),Li-Poly Battery,Motor driver Real Time Clock Break Out,Board ,Trash Bin, Ultrasonic Sensors,USB Cable,Wheels	30
4	Data Visualization Tool TABLEAU Professional Edition with Tableau Server and Online Services	12
5	Data Analysis Tool Freeboard: Developing and Visualization Software Tool for IoT: Subscription for 24 Months with unlimited data/devices. Unlimited widgets. Unlimited dashboards.	24

For the ongoing project at Department of Computer Engineering of the Sanjivani College of Engineering, Kopargaoon College under the grant sanctioned under RPS by AICTE, New Delhi entitled as “A Smart and Eco-Friendly Waste Collection and Management System based on Internet of Thing for an Urban India”.

Interested parties should submit their sealed tenders within ten days from the publication of this advertisement. Principal reserves the right to accept or reject any or all offers received without assigning any reason there off. For details contact e-mail: purchase@sanjivani.org.in , principalcoe@sanjivani.org.in



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