



**National Institute for Micro, Small and Medium Enterprises  
(ni-msme)**

(an organization of Ministry of MSME, Govt. of India)  
and ISO 9001-2015 certified)  
Yousufguda, Hyderabad – 500 045. Telangana, India

No. ni-msme/peripherals/011

Date: 12<sup>th</sup> March, 2020

**E-TENDER NOTICE**

Online e-tenders i.e. single bid system (Technical and Financial) are invited through the e-procurement portal <http://eprocure.gov.in/cppp> by the Director General, National Institute for Micro, Small and Medium Enterprises, from vendors or authorized distributors or dealers for supply of **Computer Peripherals and Hardware Items** to **ni-msme**, Yousufguda, Hyderabad.

The last date of bid submission is **18.03.2020**

For more details log on to <http://eprocure.gov.in/cppp> or [www.nimsme.org](http://www.nimsme.org)

Sd/-  
Director General



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**CRITICAL DATE SHEET**

<b>Milestones</b>	<b>Start Date</b>	<b>Start Time</b>	<b>Last Date</b>	<b>Last Time</b>
Tender Publishing	12.03.2020	15.00 HRS		
Tender Download	12.03.2020	15:00 HRS	18.03.2020	17:00 PM
Bid Submission	12.03.2020	17:00 HRS	18.03.2020	17:00 PM
Technical Bid Opening	20.03.2020	12:00 HRS		

Sd/-  
Director General

## 1.0 LIST OF ITEMS TO BE SUPPLIED.

### LIST OF PERIPHERALS

S.No	Description of Item	Qty
1	GSM Modules(Model:SIM900),Dual -Band 900/1800 MHz, Dual-Band 900/1800 MHz, GPRS mobile station class B, Compliant to GSM phase 2/2+class 4(2 W@ 900MHz) class 1 (1W @ 1800MHz)	15
2	Node MCU,(model:Esp-8266) Node MCU,(model:Esp-8266)	20
3	RTC Modules (Model : DS1307)	15
4	Wifi Modules (Model:ESP8266)	15
5	Driver Circuit(Model:SN7446AN)	15
6	Soil moisture sensor (Model:FC-28)	15
7	BP sensor(Model:BMP180)	15
8	BO Motors (300RPM) L Type with Wheel(Model:RKI-1390)	60
9	Micro SD Card Adapter module(RKI2713)	15
10	Bluetooth Modules (Model: HC-05)	15
11	Audio Play Back Module(Model:ISD1820)	15
12	27 in 1 Screwdriver Set Repair Tool Kit(Brand: THEMISTO)	2
13	Digital Multimeter (Model:9205B+) Range:2mA-20A	8
14	Diagonal Cutters: Brand :iexcell Size:4.5"	6
15	Taparia Long Needle Nose Mini Plier(Model:1408)	6
16	Taparia End cutting Mini Plier(Model:1406)	6
17	Multitec Wire Stripper Cutter	8
18	Solder finished prototype PCB(7x5') 6pieces set	15
19	Logic level converter Bi-Directional(5V-3.3V)	15
20	Regulated power supply (Range:0-30V&0-30A, input:220V)	8
21	ARM Boards (Model:STM32F401)	20
22	LCD 16x2 (Model:1602), 5x7 Dot Matrix Character + Cursor	15
23	OLCD (Module:SSD1306)	15
24	Temperature Sensor (Model:LM35)	15
25	Humidity Sensor (Model:DHT11)	15
26	Servo Motors (Model:SG-90),Torque:2.5Kg/cm, Rotation:0°-180°,Op. Voltage:+5V	60
27	Gas Sensors (Model:MQ-2)	15
28	Pressure Sensors (Model:SEN-09376)	15
29	Precision Screwdriver Set (6-Pieces),Silver, Brand & Model:Stanley 66-039	3
30	ESD safe Tweezers Set-6pieces	5
31	Multi soldering station third hand tool or LED Magnifying Soldering Stand (2.5 cm x 7.5 cm x 10 cm Black)	10
32	Drilling machine along with Bits set (Drill size: 1mm to 1cm)	8
33	Voltage Regulator:IC7805	40
34	Voltage Regulator:IC7809	40
35	DC motors 6V or DC Toy/Hobby Motor-130 Size,6-9V	60
36	Motor Driver Shield for Arduino(Model:L293D)	15
37	RS-232 M-F	15
38	Battery clips (Pack of 10)	15

39	9V Batteries	30
40	Extension Box (Linear 6 Sockets),220V input	2
41	Set of 25 RFID Cards, (Brand: Aironx™)	5
42	RFID Reader Module (Model:RC522) with White Card(Model:S50)	15
43	30 watts adjustable temperature soldering iron (Model XY258)	10
44	Easy Electronics soldering wire-250grams Rill(Silver 60/40)-22 SWG	15
45	Relays 5v, 10A,5pin	60
46	8 channel relay,5v,10A 5pin	10
47	PIR motion detection sensor (HC-SR501)	15
48	LDR Sensor module(12mm,op:5V)	15
49	Step down transformer (12-0-12, 500mA,230V Ac)	20
50	Diode IN4004	150
51	Diode In4001	150
52	7 Strand Wire 10mts.	15
53	pi box india rasberry pi 4 2GB Rasberry PI 4 model B 4B SBC IOT Board -Boardcom 1.5GHZ A72 processor with 2 GB DDR 4K Video-Dual Micro HDMI, Higabit Network-2019 model.	20
54	AC Bulbs (60w,230V)	20
55	Bulb Holder (Brand:MARU)	20
56	Accelerometer Sensor (Model:ADXL345)	15
57	LED Matrix Display (Model:P10,32*16) with 2)SMPS 5V,3AMP, 3)16pin FRC Connector	15
58	Wifi Modules (Model:ESP-01)	15
59	UART Module USB-TTL (Model:CP2102)	15
60	Finger Print Sensor(Model:GT511C3)	15
61	Touch sensor(Model:TTP223)	15
62	Ultrasonic Sensor (Model:HC-SR04)	15
63	Push Buttons(4 pin, 5V)	400
64	RF transmitter (EP-18) and receiver pair (Range:433MHz)	15
65	Glue Gun (80W) with Sticks	10
66	Mini Hand Drill, the Mini Drill (Weights 9-1/2oz.) 9" long with a 6mm chuck bit shanks need to be less than 1/4")	10
67	Drill Bits set (1mm,2mm,5mm,10mm)	10
68	Single Strand wire(10M)	10
69	TP-Link Wi-Fi Router with 8 LAN Ports	3
70	Hot Air Blower(SMD-Type)	6
71	Spikes	5
72	Pencil Battery	12
73	Clock Battery	12
74	Arduino Headers Double Row & (Pack of 10)	10
75	Goldmedal I-Design 6x1 6 socket surge protector (white, red)	50

## LIST OF HARDWARE ITEMS

S.No	Description of Item	Qty
1	San Disk Ultra USB 3.0 32 GB Pen drive (Black)	3
2	SanDisk Ultra USB 3.0 16GB Pen drive(Black)	4
3	SanDisk Ultra Dual SDDD3-016G-I35 16GB OTG Drive (Black Type A to Micro USB)	3
4	Segate Expansion Portable HDD- USB 3.0 for PC Laptop and mac 1.5 TB Wired external hard disk drive(Black)	2
5	External USB CD/DVD writer	3
6	IT-Hardware- Soldron 858D	2
7	Multimeters	5
8	Cisco 24 port Gigabit Switch managed (10/100/10000)	2
9	D-link 48 port Gigabit Switch (10/100/10000)	2
10	D-link 24 ports GB Switch (10/100/10000)	1
11	System BIOS Machine Universal Programmee (IFIX)	1
12	CISCO 1921 K9 – Managed Router i) Serial Interfaces 2Norms, ii) DCE & DTE Cable-2Nos	2
13	System BIOS Machine Super PRO 610P	1

### 2.0 TERMS AND CONDITIONS:

- Tender should be submitted online only on <http://eprocure.gov.in/cppp>.
- Bidder have to submit updated Income Tax return documents for the FY 2018-19
- Copy of PAN Card
- Copy of Valid Trade License
- Copy of GST Registration Certificate.
  
- The material / goods to be supplied will be of good / genuine quality.
- If any sub-standard/inferior quality / damaged material same should be replaced at the risk, cost and responsibility of the supplier.
- Transportation of material/goods is the responsibility of supplier.
- Applicable GST must be quoted.
- The rates offered by the bidder should not be more than that available in the open market.

*For any queries contact:*

For Hardware Items Contact: **Shri J.Anjineyulu**, Mobile: 9014149026

For Hardware Items Contact: **Shri B.Dharma**, Mobile: 99519 50808

For Periperals Contact: **Shri Kranthi Kumar**, Mobile: 9603865971

**ni-msme**, Yousufguda, Hyderabad – 500 045.