



**ZILLA SWASTHYA SAMITI, NUAPADA**  
**National Health Mission**  
(District Programme Management Unit, NRHM)  
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**QUOTATION CALL NOTICE**

No. 692 /DPMU/ 2025-26

Date: 26/2/2026

Sealed quotations are invited from the intending registered suppliers/firms/dealers/distributors etc. having valid GST number to offer their rates for supply of "Digital Air Quality Monitoring Devices (AQMD) under NPCCHH Programme"

Sl.No	Name Of the Items	Approx Qnty.	Specification
01	"Digital Air Quality Monitoring Devices (AQMD) under NPCCHH Programme"	1 no.	Detailed terms and condition with specification can be downloaded from website <a href="http://www.nuapada.odisha.gov.in">www.nuapada.odisha.gov.in</a>

The sealed quotation should reach the office of the undersigned in any working day by ~~11.03.26~~ 11.03.26 till 2 P.M along with all required documents by speed post/regd post/courier only. The Quotation will be opened on same day at 4:00 P.M in the office of the undersigned. Details regarding items and terms and conditions may be downloaded from [www.nuapada.odisha.gov.in](http://www.nuapada.odisha.gov.in) from ~~27.02.26~~ 27.02.26 .

The envelope should be superscripted as "Quotation for Supply of Digital Air Quality Monitoring Devices" (AQMD) under NPCCHH Programme, Nuapada" The undersigned reserves the right to accept or reject any or all the quotations without assigning any reason thereof.

  
Chief District Medical Officer cum  
District Mission Director, Nuapada

Memo No: 693 /DPMU/NHM

Date: 26/2/2026

Copy to DEGM, Nuapada for information and necessary action. He is requested to upload the tender documents on 27.02.2026 (2:00PM) in the district website and the same should be available till 11.03.2026 up to 2 P.M. ( Soft copy enclosed)

  
Chief District Medical Officer cum  
District Mission Director, Nuapada

Memo No: 694 /DPMU/NHM

Date: 26/2/2026

- Copy to DMO(MS) cum Spdt/ ADPHO(FW)/ DPHO/ ADPHO(DC)/ ADPHO(VBD)/ DPM/ DAM/ FLC/ LM(LPI) for information and necessary action. They are requested to attend the tender opening meeting in the office of the undersigned on 11.03.2026 at 4:00 P.M.
- Copy to Section officer, Establishment section for information and necessary action.

  
Chief District Medical Officer cum  
District Mission Director, Nuapada

## TERM & CONDITIONS

1. The bidder should have valid PAN & GST registration certificate. Copy of the same should be enclosed with the quotation.

1.1 The bidder has to submit the **DECLARATION** as mentioned below in a separate sheet along with proposal submission.

### **2.1 Eligibility Criteria:**

The vendor must have prior experience in working on IoT-based devices.

The vendor should provide evidence of successful testing of its Air Quality Monitor (AQM) device, with the required specifications listed under 'Scope of Work', in at least one hospital in Odisha.

### **2.2 Installation, Calibration and Training:**

- The vendor must install the devices and ensure proper calibration.
- Training sessions must be conducted for hospital staff on device usage and data interpretation.

### **2.3 Annual Maintenance Contract (AMC):**

- The vendor shall provide free AMC for the first year.
- AMC charges for subsequent years should be included in the proposed unit price of the device.

### **3. Proposal Submission Requirements**

- Technical specifications of the device.
- Deployment plan and timeline.
- Cost estimation, including per-device cost, installation charges, and AMC rates.

### **4. Technical Evaluation Criteria (Submission of below mentioned document)**

- Technical compliance with all relevant documents (40%).
- Document of Past experience of installation of the device in at least 1 health facility in Odisha (20%).
- Testing experience document (10%).
- AMC and after-sales support process document (10%).
- Bidder must have service centre with registered office in Odisha for smoothening the support & service document (20%).

**NOTE: Min Qualification (%) for bidder must be 60% to qualify in the technical evaluation & consideration for Financial Evaluation.**

5. Sealed quotation will be received by dated 11.03.2026 up to 2:00 PM by the CDM & PHO-cum-District Mission Director, NHM, Nuapada. Any Quotation received after the due date & time will be rejected. The quotation will be received through Regd. Post/Speed Post / Courier services during office hour only.

6. The Items should be supplied /delivered at CDM & PHO, Nuapada destination only and no charge for freight should be claimed.

7. The cover of the envelop super scribed as "Quotation for Supply of Digital Air Quality Monitoring Devices" (AQMD) under NPCCHH Programme, Nuapada".

8. The rates quoted must be inclusive of all taxes.

9. The decision/ selection of purchase committee is final.

10. Any quotation received after due date & time will not be entertained.

11. Any postal delay the undersigned will not be held responsible.

12. The Technical documents & Financial documents will be in separate envelop and both envelop will be submitted in a single envelop with necessary super scription.

①

- The bidder with Lowest Quoted Price (all-inclusive unit price) will be considered as Final Selected Bidder. Only bidders who meet the Technical Qualification requirements shall have their financial bids opened.
14. Payment will be made through Account Transfer after receipt of valid bill/invoice as per below mentioned Terms.
- 90% payment will be released upon successful delivery and installation of the devices.
  - 10% will be released after successful calibration, validation, submission of performance reports & satisfactory feedback from the end user after 2 months stable operation.
15. All legal disputes are subject to the jurisdiction of Nuapada courts only.
16. The CDM & PHO, Nuapada reserves all the right to accept, reject or modify the quotation for the supply of the item tendered without assigning any reason thereof.

**DECLARATION**

1	Name of the Firm/agency	
2	Address of the Firm/agency	
3	Name of authorized signatory (in capital letters)	
4	Specimen signature of the authorized signatory.	
5	Telephone number of authorized signatory / Firm/agency	
6	Whether all documents submitted signed by the authorized signatory of the Firm/agency ( Yes/ No)	

*I / we hereby certify that the terms and conditions, specification etc. given with the short quotation notice have been read carefully and acceptable to me/us and that the information furnished above is full and correct to the best of my /our knowledge. I / we understand that in case of any deviation in the above statement at any state, our Firm/Agency will be blacklisted and will not have any dealing with your organization in future.*

Place:

Date:

(Signature and seal of the authorized signatory)



## SPECIFICATION

### Detail Technical Specification of the Item (SCOPE OF WORK)

The vendor shall provide Digital Air Quality Monitoring Devices with the following key features:

1. IoT Integration: Devices must be an IoT device with Wi-Fi and 4G LTE-enabled for seamless data transmission, real-time monitoring, and remote access.
2. User Interface: The device should feature a 4-inch capacitive touch display with analog and digital clock face settings to hide data if required from unauthorized people.
3. Durability: Constructed with ABS-CF10 90Cl material, capable of withstanding temperatures up to 150°C.
4. Power Supply: Should operate on 5V DC, with an Li-ion battery for at least 2hrs of back up.
5. **Sensor Specifications:**

At least four sensors should be on board to measure the essential parameters. The specifications of the sensors, the various measurable parameters, and their required ranges should adhere to the following:

Parameter	Sensor Module Options	Measurement Range	Accuracy	Interface
CO <sub>2</sub>	Sensirion SCD30	400–10,000 ppm	±(30 ppm + 3%)	I <sup>2</sup> C
	K30 CO <sub>2</sub> Sensor	0–10,000 ppm	±(30 ppm + 3%)	UART, Analog
	MG811	350–10,000 ppm	±(50 ppm + 3%)	Analog
TVOC	EC Sense TB600B-TVOC-10	0–10 ppm	±0.1 ppm	UART
	Winsen ZE40B-TVOC	0–2 ppm	≤0.01 ppm	UART
	Renesas ZMOD4410	0–1,000 ppb	±10%	I <sup>2</sup> C
	ASAIR AGS02MA	0–99999 ppb	±10%	Analog/Digital
PM	Plantower PMSA003	PM1.0/2.5/10: 0–500 µg/m <sup>3</sup>	±10 µg/m <sup>3</sup>	UART
	Panasonic SN-GCJA5	PM2.5: 0–1,000 µg/m <sup>3</sup>	±10%	I <sup>2</sup> C, UART
	Honeywell HPMA115S0	PM2.5: 0–1,000 µg/m <sup>3</sup>	±15%	UART
	Sen54	0–1,000 µg/m <sup>3</sup>	±10%	UART/I <sup>2</sup> C
	Sensirion SPS30	0–1,000 µg/m <sup>3</sup>	±10%	UART/I <sup>2</sup> C
Temperature & Humidity	Sensirion SHT31	Temp: -40 to 125°C; RH: 0–100%	Temp: ±0.3°C; RH: ±2%	I <sup>2</sup> C
	DHT22 (AM2302)	Temp: -40 to 80°C; RH: 0–100%	Temp: ±0.5°C; RH: ±2–5%	Single-wire
	DHT11	Temp: 0 to 50°C; RH: 20–90%	Temp: ±2°C; RH: ±5%	Single-wire
	AS6212	Temp: -40 to 125 °C		
	Bosch BME280	Temp: -40 to 85°C; RH: 0–100%	Temp: ±1°C; RH: ±3%	I <sup>2</sup> C/SPI

6. 24x7 Monitoring: Real-time tracking of pollutants to ensure comprehensive coverage.
7. Data Storage and Analytics: Devices must securely store data on cloud for both short-term and long-term analysis.
8. Actionable Insights: Must include alert messages and action prompts.
9. Customizability: Scalable design to adapt to diverse hospital microenvironments.



## Financial Format

All bidders are required to adhere to the following financial terms, Components and Remarks before quoting the cost.

Sl. No.	Component	Cost (INR) Including all Tax	Remarks
1	IoT-enabled Air Quality Monitoring Device (per unit)		Inclusive of all taxes and duties
2	Data Collection, Cloud Storage & Analysis (per device/1 year)		1 yrs cost; to be renewable after 1 yrs based on performance
3	Installation and Training (per location)		One-time cost; to include all logistics, material, and manpower
4	Annual Maintenance Charges (from 2nd year onward)		Maximum per annum; free AMC for the first year
	<b>Total Financial Cost (per unit)</b>		

Signature of the Tenderer

With Seal

