भारत सरकार/Government of India
स्वास्थ्यऔर परिवारकल्याणमंत्रालय/ Ministry of Health and Family Welfare
प्रधानमंत्री स्वास्थ्य सुरक्षा योजना/PMSSY
अखिलभारतीयआयुर्विज्ञानसंस्थान/All India Institute of Medical Sciences
www.aiimsmangalagiri.edu.in मंगलगिरि , आंध्रप्रदेश/Mangalagiri, Andhra Pradesh

Ref: AIIMSM-ADMN/PROC(CPPP)/38/2026-Procurement AIIMS MG **Date:01-06-2026**

Call for Objection

Subject: Inviting comments/objection, if any before declaring proprietary article for procurement of "**Asthma Combo System**" for the Department of Pulmonary Medicine AIIMS Mangalagiri.

Pulmonary Medicine Department, AIIMS Mangalagiri has to procure "**Asthma Combo System**" through Proprietary Article basis.

The proposal submitted by **M/s Biotronics Equipment Pvt. Ltd.** are the authorized distributor of **M/s. Medisoft SA** branded products within the territory of India of this item along with Proprietary Article Certificate are attached & uploaded on Institute website.

The above documents are being uploaded for open information to submit objections, comments if any from any manufacturer/supplier before declaring proprietary article of the said equipment/items to be procured, within 10 days (i.e. **10-06-2026**) from the date of issuance/uploading of the notification.

The objection should be raised in the technical compliance sheet as enclosed in Annexure -I, if any Firm claiming suitability of their product with respect to specification mentioned.

The comments should be sent to the office of Procurement Cell, Room no: 2151, Logistic block at AIIMS Mangalagiri in a sealed envelope with above reference on or before **10-06-2026** up to 05:00 PM from the date of uploading on institutional website, failing which it will be presumed that any other manufacture/vendor is having no comment to offer and case will be decided on merits.

-sd-
AAO (Procurement cum Central Store)
AIIMS Mangalagiri

P-3 FORM

(to be attached with P-2 form for Proprietary items)

AIIMS Mangalagiri

PROPRIETORY ARTICLE CERTIFICATE

It is certified that the **Asthma Combo System** required in the P-2 form should be purchased from **M/s M/S Medisoft SA.**

To the best of my knowledge **M/S Medisoft SA** are the sole manufacturer/ agents of the **Asthma Combo System.**

Similar items manufactured by other firm(s) shall not be suitable for our purpose for the following We currently have an Oscillometer system (FOT) installed; herein, we are proposing an upgrade to Asthma Combo system which includes spirometry and Fractional Exhaled Nitric Oxide (FeNO) for comprehensive respiratory assessment. Spirometry provides standard evaluation of airflow limitation and bronchodilator response, while FeNO enables non-invasive assessment of eosinophilic airway inflammation. Together, they complement FOT by adding essential physiological and inflammatory insights for accurate diagnosis and management. This upgrade to an integrated Asthma Combo system will enhance workflow efficiency and overall clinical utility.

The same equipment has been purchased recently at AIIMS Nagpur.

(Sign of Indenter)

Dated 8/4/2026

Designation Associate Professor.

Department Pulmonary Medicine.

Dr. Vikram Damaraju
REG No. 85369 Assistant Professor
Department of Pulmonary Medicine
AIIMS, Mangalagiri

Recommend at/on:

Head of the Department
Department of Pulmonary Medicine
AIIMS Mangalagiri

Signature of Head of Department/Section

N.B.: The indenter before recording the above certificate should satisfy himself that the article is genuinely of proprietary nature manufactured under patent laws.

MGC DIAGNOSTICS® INTERNATIONAL

medisoft® CARDIO-RESPIRATORY INSTRUMENTATION

PROPRIETARY CERTIFICATE

Dear Sir,

We, the undersigned **Medisoft SA**, a Belgium corporation, with its registered office at **PAE de Sorinnes, 1, Route de la Voie Cuivrée, 5503 Sorinnes, Dinant, Belgium,.**

This is to certify that New Asthma COMBO System is proprietary product of Medisoft Belgium.

We, M/s. Medisoft, claim that no other company in the world manufacture Asthma Management Combo System with features and combination 3 Mode FENO (Nasal, Bronchial, Alveolar) with 0-5000ppb range and 3% accuracy & Force Oscillometry system with EFL (Expiratory Flow Limitation) and single and multiple frequency operation and Spirometry together at single station and combine report. Hence, it is proprietary product of Medisoft Belgium.

Sincerely Your

MGC Diagnostics
Jürgen Behringer III **International Sales Director**
350 Oak Grove Parkway, St. Paul, Minnesota, USA 55127-8599 T: +49 9732 78815 - 12 III M: +49 171 3073942 III jbehringer@mgcdiagnostics.com
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F: +32(0)82 22 33 34
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Dr. Vikram Damaraju
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Department of Pulmonary Medicine
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Dr. ADIMULAM GANGA RAVINDRA
REG No. 800678 Associate Professor
Department of Pulmonary Medicine
AIIMS, Mangalagiri.

MGC DIAGNOSTICS® INTERNATIONAL

medisoft® CARDIO-RESPIRATORY INSTRUMENTATION

Date: - 16/03/2026

To,

AIIMS Mangalagiri

TO WHOM IT MAY CONCERN

AUTHORIZATION

We hereby state that M/s Biotronics Equipment Pvt. Ltd. & having its registered office at 504, Reena Complex, Opp. Nathani Steel, Vidyavihar (W), Mumbai 400086 & Head office at 401/301 Bangashree Tower, Daji Ramchandra Road, Opp. Pawar Industrial Estate, Charai Thane (west) 400 601 is our distributors partner in India. They are authorized to sale, market; distribute our products. They are also authorized to provide after sales service for our products supplied by them.

Isabelle Bouteille (Signature)

Signature numérique de Isabelle Bouteille (Signature)
Date : 2026.03.16 11:44:54 +01'00'

Dr. ADIMULAM GANGA RAVINDRA
REG No. 800678 Associate Professor
Department of Pulmonary Medicine
AIIMS, Mangalagiri.

Dr. Vikram Damaraju
REG No. 85369 Assistant Professor
Department of Pulmonary Medicine
AIIMS, Mangalagiri

MGC Diagnostics International
Legal name : Medisoft SA (a MGC Diagnostics subsidiary)
Legal address : Rue du Clairon 5, 5503 Sorinnes, Belgium
VAT N° : BE 0429.958.042
ING Bank account : IBAN _ BE93 3500 1220 7167 / BIC _ BBRU-BE-BB-100

T +32 82 22 30 20
F +32 82 22 33 34
medisoftinfo@mgcdiagnostics.com
www.mgcdiagnostics.com

Technical Specifications for Upgradation of Existing Oscillometer to Asthma Combo Management System (FeNO and Spirometer)

Department of Pulmonary Medicine, AIIMS Mangalagiri

1. The system should run as an integrated system with existing Oscillometer installed
2. Device for measurement of endogenous NO in exhalation by On-line and Off-Line methods with built in spirometry
3. System for Measurement of Bronchial FeNO and Inflammation of respiratory tracts with built-in spirometry (Pre and Post) with reusable sterilizable pneumotach
4. It should have FeNo measurements in different levels of the respiratory tract bronchial; alveolar, nasal and Spirometry test FVC, SVC MVV (Pre and post) also suitable for Pediatric patients
5. It should have 3 modes of operation: Nasal, Bronchial and Alveolar
6. System should have 4 flows (50-100-150 350 ml/dry) (Alveolar measurement)
7. It should have facility of Measurement of Nasal FeNo Using Nasal Catheter
8. It should measure During apnea or in continuous expiration during 10 sec (adult) or 8 sec (Children) s
9. It should have facility of Analysis of nasal sample under controlled respiration 45-60 secs
10. It should have Simple control of flow and expiratory pressure
11. Accuracy: 3% or better
12. Range: 0-5000ppb
13. Exhalation Time:
1) Children's 6 to 8seconds
2) Adults: 10 seconds
14. It should have features to integrate into PFT equipment's, Body plethysmograph, Force oscillometry etc.
15. It should have automated quality control for gas analysis without routine use of reference gas cylinder
16. Spirometry should be included in the FeNO module
17. Parameters to be measured: **NO**, Maximal value of exhaled NO in ppb, **VE**, Average expired flow(L/min); **VNO,** Average of expired NO flow (ml/min), **Pres.** Expiratory pressure averaged (cmH2O)
18. It should have Screen display of test (Minimum 3)
19. It should have facility for Averaging pf test results
20. It should be with heated pneumotach
21. It should be upgradable with built-in dosimeter
22. It should measure pre and post test with FVC Curve and Flow Volume Loop
23. It should be supplied with Software with following features:
a. It should have SQL database and electronic storage function
b. It should be upgradable to Exercise protocols fully user configurable for treadmill and ergometer
c. It should have result analysis software
d. It should have Trends report (historic function)
e. It should have Interpretation facility

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f. It should have Report designer software
g. It should have Predicted value editor
h. It should have User defined calculated parameter
i. It should have facility to select unit for the measured parameter
j. It should have flow volume loop and FVC curve
k. It should have graphical representation of FENO measurement
l. It should have meter and gauge display on screen while performing FENO test
24. It should have combine report and combine software of FENO and spirometry
25. It should be provided with ergonomic trolley of OEM/repute make
26. FeNO filters: 1000 (quantity)
27. Optional Future upgrade
1. DLCO – NO with helium trace gas (Dm and Vc)
2. Lung Volume RV, TLC, FRC
3. Body plethysmography
4. Rint

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ANNEXURE – I

SPECIFICATIONS

Objection should be submitted in following format:

S. no	Item specification as given	Specification offered by firm	Deviation if any	Remarks