



Athena™
Technology

One-Stop-Laboratory-Solution...

ATHENA TECHNOLOGY

141, Lodha Boulevard, Nr Lodha Paradise, Majiwada, Thane(W)-400601 Mumbai, INDIA

+91 - 97690 47445 / 98214 88400 / 74001 85278 / 77569 11889

info@athenatechnology.in / technology.athena@gmail.com

www.athenatech.in • www.athenatechnology.in

GSTIN : 27CPHP57469R1ZJ

TECHNICAL BID

Tender No: GEM/2024/B/4496769

Date: 18/01/2024.

Item: **Nitrogen Gas Generator for N2 Evaporator -01 Unit**

To

Food Corporation of India (FCI)

Regional Office Hyderabad

Sub: Technical Bid for Nitrogen Generator.

Dear Sir / Mam.

We are pleased to provide you with our technical offer for N2 Gas Generator as below.

NITROGEN GAS GENERATOR

- *Extensive experience producing units.*
- *All the Athena facilities are ISO 9001:2015 Certified*
- *CE Certified*
- *FDA Certified*
- *BIS Approved*
- *El India approved*
- *EC EN European Certified*
- *Modular design for easy installation*
- *Systems designed for long-term reliability*
- *Smallest physical footprint available*
- *Strategic alliance with dryer and compressor suppliers*
- *Extensive global service network*
- *Athena Group has a top-rated membrane when comparing nitrogen/air ratio.*



SR. No	Descriptions	Unit
	<p>Nitrogen Gas Generator for Purging in Nitrogen Evaporator. Model: ATN-P 12 HSN Code: 8421-3990 SAC: 9954-5 Air Dryer timer-based operation. N2 purifier to remove O2 & all other unwanted impurities & produces N2 up to evaporator grade Serge receiver with pressure regulator & valve inbuilt</p> <ul style="list-style-type: none"> i UHP Grade N2 of Capacity :- 150 lpm at 5 bar ii Capable of supplying multiple evaporator instruments iii 24/7 operation at optimum performance iv Lower maintenance requirement and ensures long life of the generator v Completely silent in operation vi Automatic Drain system vii Automatic moisture purge system viii Compact in size ix MOC Towers : Aluminium <p>Technical Specification:- Outlet Flow N2 : 150 lpm Purity : Evaporator Grade Pressure : 5 Bar Method of Purification: MEMBRANE Technology. Membrane Life 15 Years. Valves: PLC Based Pneumatic 2 Way. Electrical Requirements for N2 Gas Generator 230 VAC, 50 Hz, 1Ph 0.5 Amp Tank Received attached backside of N2 Generator. Warranty 3 years The Nitrogen gas generator should be based on MEMBRANE technology with two columns of molecular sieve absorber. The two columns should operate alternately in adsorption & desorption cycle to produce a continuous supply of grade nitrogen 24 hours a day. Compressed air filter : Pre filter(5um)and final filter(0.1um) Delivery Pressure : ≥ 5 bar Outlet Connection : ¼” BSP M Ambient Temperature range : 5-40°C Electrical Requirements : 220VAC '50Hz/ 1Phase</p>	
02	<p>Oil Free Air Compressor with Air Receiver Tank Make: Japan Power: 5 HP Capacity: 25 Cfm Noise Level: <68 db</p>	



Athena™
Technology
One-Stop Laboratory Solution...

ATHENA TECHNOLOGY

GSTIN : 27CPHP57469R1ZJ

141, Lodha Boulevard, Nr Lodha Paradise, Majiwada, Thane(W)-400601 Mumbai, INDIA
 +91 - 97690 47445 / 98214 88400 / 74001 85278 / 77569 11889
 info@athenatechnology.in / technology.athena@gmail.com
 www.athenattech.in • www.athenatechnology.in

03	Nitrogen Storage Tank Capacity: 500 Liters Pressure: 8-10 Bar MS Powder Coated Body Type : Vertical Cylindrical Leg Supported	
04	Standard Accessories SS Tubing, Standards Fittings and Pre and Post Filter.	01 Lumps

We hope you will find our offer most competitive and favor us with your valued order.
 In case you have any queries, please feel free to contact us.
 Thanking you and always assuring you best services, we remain.

Yours faithful,

Signature with Date: 02/01/2024.

Place: Thane

Name: Ms. Smita Nikam

Designation: Sales Co-Ordinator

Contact: 7756911889/7400185278

Mail: technology.athena@gmail.com / marketing@athenatechnology.co.in



Official Seal:





Athena™
Technology

One-Step Laboratory Solution...

ATHENA TECHNOLOGY

141, Lodha Boulevard, Nr Lodha Paradise, Majiwada, Thane(W)-400601 Mumbai, INDIA

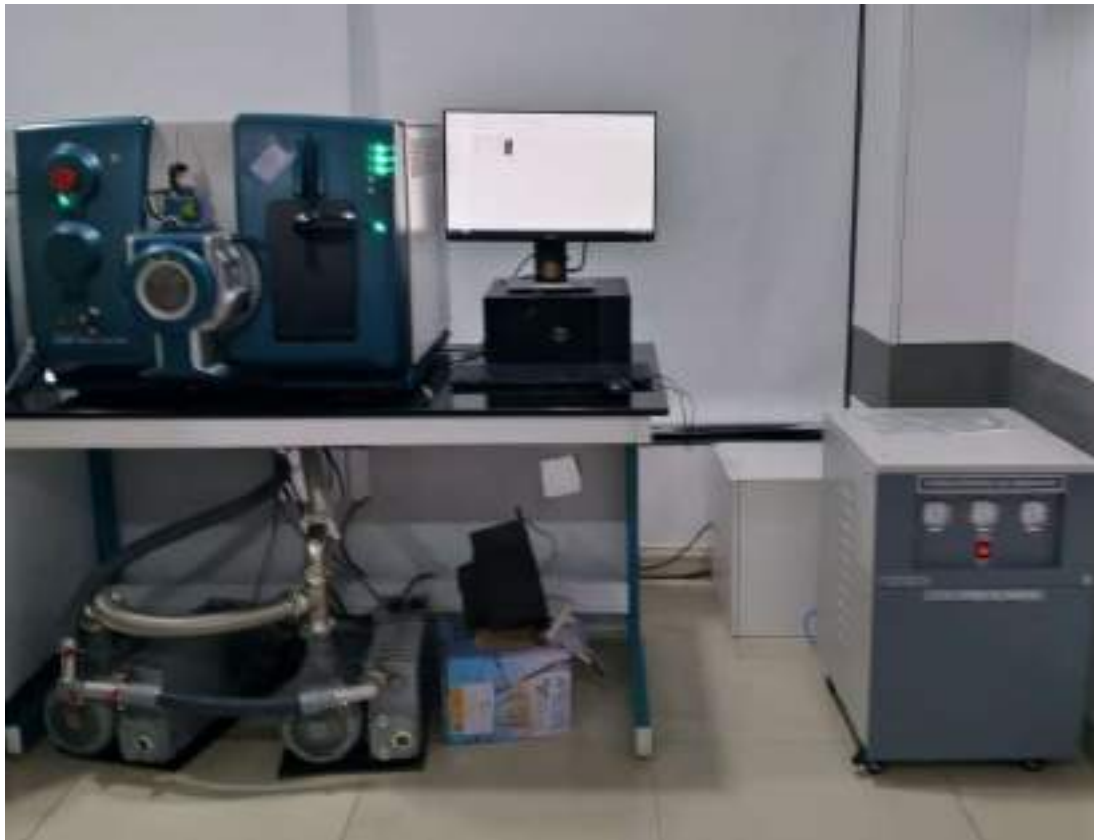
+91 - 97690 47445 / 98214 88400 / 74001 85278 / 77569 11889

info@athenatechnology.in / technology.athena@gmail.com

www.athenattech.in • www.athenatechnology.in

GSTIN : 27CPHP57469R1ZJ

INSTALLATION AT USERS SITE.





Athena™
Technology

One-Stop Laboratory Solution...

ATHENA TECHNOLOGY

📍 141, Lodha Boulevard, Nr Lodha Paradise, Majiwada, Thane(W)-400601 Mumbai, INDIA

☎ +91 - 97690 47445 / 98214 88400 / 74001 85278 / 77569 11889

✉ info@athenatechnology.in / technology.athena@gmail.com

🌐 www.athenattech.in • www.athenatechnology.in

GSTIN : 27CPHP57469R1ZJ





Athena™
Technology

One-Stop Laboratory Solution...

ATHENA TECHNOLOGY

141, Lodha Boulevard, Nr Lodha Paradise, Majiwada, Thane(W)-400601 Mumbai, INDIA

+91 - 97690 47445 / 98214 88400 / 74001 85278 / 77569 11889

info@athenatechnology.in / technology.athena@gmail.com

www.athenattech.in • www.athenatechnology.in

GSTIN : 27CPHP57469R1ZJ

