

PROJECT REPORT
OF
BIO GAS PRIVATE LIMITED

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Disclaimer

The views expressed in this model project are advisory in nature. It assumes no financial liability to anyone using the report for any purpose. The actual cost and returns of projects will have to be taken on a case-by-case basis considering the specific requirement of projects.

1. Particulars of the enterprise

Name of the Enterprise	BIO GAS PRIVATE LIMITED	Constitution	Private Limited Company
MSME Status	Not Registered	MSME Registration No.	Not Registered
Registered Date	Not Registered	Registered Incorporation Date	Not Registered
Registered Office Address			
Administration Address			
Plant Location			

2. Profile of group

BIO GAS PRIVATE LIMITED, a Private Limited Company based in Noida, Uttar Pradesh, is dedicated to the business of Bio Gas Plants, the company's operational focus lies in the development and operation of bio gas facilities. The registered office and administration address is located at LG 101 K, Ansal Fortune,

Arcade Sector – 18, Noida. The plant is situated in Lahagra, Block Agota, District Bulandshahr, Uttar Pradesh, playing a pivotal role in contributing to sustainable energy solutions through the production of bio gas.

BIO GAS PRIVATE LIMITED, headquartered in Noida, Uttar Pradesh, operates as a Private Limited Company with a specialized focus on Bio Gas Plants. The company is committed to the development and operation of bio gas facilities, aiming to play a significant role in the renewable energy sector. Established with the mission of contributing to sustainable energy solutions, Buland Bio Gas is dedicated to the production of bio gas, utilizing its plant located in Lahagra, Block Agota, District Bulandshahr, Uttar Pradesh.

The company's registered office and administration address, situated at LG 101 K, Ansal Fortune, Arcade Sector – 18, Noida, reflects its strategic presence in a prominent business hub. This location serves as the central point for managing the administrative and operational aspects of the organization, showcasing a commitment to efficiency and accessibility for stakeholders. As a key player in the renewable energy landscape, BIO GAS PRIVATE LIMITED aims to contribute significantly to the environmental and energy sustainability goals of the region.

The Lahagra-based plant, strategically positioned in District Bulandshahr, signifies the company's dedication to regional development and environmental responsibility. By leveraging bio gas technology, Buland Bio Gas aims to provide a clean and sustainable energy source, aligning with global efforts to reduce carbon footprints and promote eco-friendly practices. Through its operations, the company aspires to make a positive impact on both the local community and the broader renewable energy sector in Uttar Pradesh and beyond.

3. Fund Required

4. Project proponent

Name:	Mr. Anjum
Position:	Partner
Age:	41 years
Experience:	15+ years in agriculture and allied industries
	With a profound understanding of the industry, Mr. contributes to the development and operation of bio gas facilities, aligning the company with sustainable and eco-friendly practices. His leadership and experience are crucial in steering the company towards success in the renewable energy landscape.

5. Project Description

BIO GAS PRIVATE LIMITED is embarking on a pioneering project aimed at revolutionizing sustainable energy solutions. The initiative focuses on the development and operation of cutting-edge bio gas facilities, strategically located in Lahagra, Block Agota, District Bulandshahr, Uttar Pradesh. By harnessing innovative bio gas technology, the project seeks to contribute significantly to the production of clean and renewable energy, aligning with global environmental goals and fostering regional development.

Led by a seasoned team, including Mr. Samar Anjum, Partner and an industry veteran with over 15 years of experience in agriculture and allied sectors, the project aspires to create a lasting impact on the renewable energy landscape. The company's commitment to eco-friendly practices and its strategic plant location

underscore its dedication to providing a sustainable energy source while prioritizing environmental responsibility. This initiative marks a pivotal step toward a greener and more sustainable future, emphasizing BIO GAS PRIVATE LIMITED's role as a key player in the evolution of the renewable energy sector.

➤ **Brief description of the project**

Consumption of natural gas in India is expected to grow by 25 billion cubic metres (BCM), registering an average annual growth of 9% until 2024. In May 2022, ONGC announced plans to invest US\$ 4 billion from FY22-25 to increase its exploration efforts in India. In July 2021, the Department for Promotion of Industry and Internal Trade (DPIIT) approved an order allowing 100% foreign direct investments (FDIs) under automatic route for oil and gas PSUs. As of 2023-2024, India's oil and gas sector remains a cornerstone among the country's eight core industries, exerting substantial influence on decision-making across various economic segments. The sector's significance continues to grow in tandem with India's economic expansion, as the nation's energy demands rise, creating a favorable environment for investment. India retained its position as the world's third-largest consumer of oil in 2022.

To address the escalating demand, the government has implemented various policies, permitting 100% foreign direct investment (FDI) in key segments, including natural gas, petroleum products, and refineries. Notably, the FDI limit for public sector refining projects has been increased to 49%, allowing for investment without disinvestment or dilution of domestic equity in existing Public Sector Undertakings (PSUs). This openness to foreign capital has attracted investments from both domestic and international players, exemplified by the participation of companies like Reliance Industries Ltd (RIL) and Cairn India. Projections indicate that the industry is poised to draw a substantial US\$ 25 billion in investment for exploration and production by 2022.

India has solidified its position as a refining hub with 23 refineries, and plans for expansion are underway, leveraging foreign investment for export-oriented infrastructure. This expansion encompasses product pipelines and export terminals,

reflecting the sector's commitment to attracting and utilizing foreign investments to bolster its growth and contribute to the nation's energy landscape.

Petroleum Minister launches SATAT initiative to promote Compressed Bio-Gas as an alternative, green transport fuel

Bio-gas is produced naturally through a process of anaerobic decomposition from waste / bio-mass sources like agriculture residue, cattle dung, sugarcane press mud, municipal solid waste, sewage treatment plant waste, etc. After purification, it is compressed and called CBG, which has pure methane content of over 95%. Compressed Bio-Gas is exactly similar to the commercially available natural gas in its composition and energy potential. With calorific value (~52,000 KJ/kg) and other properties similar to CNG, Compressed Bio-Gas can be used as an alternative, renewable automotive fuel. Given the abundance of biomass in the country, Compressed Bio-Gas has the potential to replace CNG in automotive, industrial and commercial uses in the coming years.

Shri Dharmendra Pradhan, Union Minister of Petroleum and Natural Gas & Skill Development and Entrepreneurship today launched an innovative initiative here, with PSU Oil Marketing Companies (OMCs) inviting Expression of Interest (EoI) from potential entrepreneurs to set up Compressed Bio-Gas (CBG) production plants and make available CBG in the market for use in automotive fuels. The EoI are available on the websites of the OMCs and can be filled from 1st October, 2018 to 31st March, 2019.

Speaking on the occasion, the Petroleum Minister said that the Swachhta fortnight is being observed throughout the country, and this is a significant move in this direction. He said that the Gas is clean and cheaper mode of fuel and the Government has taken several steps to promote its production and usage. Sh Pradhan said that the Government is keen to set up 5000 CBG plants in next 5 years, and for this purpose, production offtake guarantee is being given for such plants. There will be no restriction on the technology choice and Government is incurring Rs 75,000 Crore capital expenditure for setting up infrastructure for City Gas distribution network. Besides the potential to boost availability of more affordable transport fuels, better use of agricultural residue, cattle dung and municipal solid waste, the CBG plants will provide an additional revenue source to

farmers, and 75,000 direct job opportunities and lakhs of indirect jobs. He said that not only OMCs, but also other Gas distribution companies and other concerned departments should also take part in it. The Minister said that currently 42 lakh households are getting PNG supply, and there is a commitment to cover 2 crore households in 300 districts by the suppliers after the implementation of 9th round of CGD bids.

Titled *SATAT*, the initiative is aimed at providing a Sustainable Alternative Towards Affordable Transportation as a developmental effort that would benefit both vehicle-users as well as farmers and entrepreneurs. This initiative holds great promise for efficient municipal solid waste management and in tackling the problem of polluted urban air due to farm stubble-burning and carbon emissions. Use of CBG will also help bring down dependency on crude oil imports and in realising the Prime Minister's vision of enhancing farmers' income, rural employment and entrepreneurship. The potential for Compressed Bio-Gas production from various sources in India is estimated at about 62 million tonnes per annum.

Compressed Bio-Gas plants are proposed to be set up mainly through independent entrepreneurs. CBG produced at these plants will be transported through cascades of cylinders to the fuel station networks of OMCs for marketing as a green transport fuel alternative. The 1,500-strong CNG stations network in the country currently serves about 32 lakh gas-based vehicles. The Working Group on Biofuels, set up under the National Policy on Biofuels 2018, is in the process of finalising a pan-India pricing model for Compressed Bio-Gas.

The entrepreneurs would be able to separately market the other by-products from these plants, including bio-manure, carbon-dioxide, etc., to enhance returns on investment.

The National Policy on Biofuels 2018 emphasises active promotion of advanced bio-fuels, including CBG. The Government of India had launched the GOBAR-DHAN (Galvanising Organic Bio-Agro Resources) scheme earlier this year to convert cattle dung and solid waste in farms to CBG and compost. The scheme proposes to cover 700 projects across the country in 2018-19. The programme will be funded under Solid and Liquid Waste Management (SLWM) component

of *Swachh Bharat Mission-Gramin* (SBM-G) to benefit households in identified villages through Gram Panchayats. The Ministry of New and Renewable Energy has notified Central Financial Assistance (CFA) of Rs. 4 crore per 4,800 kg of CBG per day generated from 12,000 cubic metres of biogas per day, with a maximum of Rs.10 crore per project.

Compressed Bio-Gas can be produced from various bio-mass/waste sources, including agricultural residue, municipal solid waste, sugarcane press mud, distillery spent wash, cattle dung and sewage treatment plant waste. The other waste streams, i.e, rotten potatoes from cold storages, rotten vegetables, dairy plants, chicken/poultry litter, food waste, horticulture waste, forestry residues and treated organic waste from industrial effluent treatment plants (ETPs) can be used to generate biogas.

Going forward, Compressed Bio-Gas networks can be integrated with city gas distribution (CGD) networks to boost supplies to domestic and retail users in existing and upcoming markets. Besides retailing from OMC fuel stations, Compressed Bio-Gas can at a later date be injected into CGD pipelines too for efficient distribution and optimised access of a cleaner and more affordable fuel.

Utilization Plan:	The funds will be utilized by BIO GAS PRIVATE LIMITED for acquiring various government initiatives in the renewable energy sector. This includes leveraging financial resources to align with and capitalize on government policies and programs related to bio gas production, clean energy, and sustainability. The acquisition of such initiatives aims to enhance the company's operational capacity and contribute significantly to the renewable energy landscape.
Strategic Focus:	BIO GAS PRIVATE LIMITED intends to strategically utilize the acquired government initiatives to bolster its position in the bio gas industry. This encompasses taking advantage of available subsidies, incentives, and support programs to enhance operational efficiency and foster sustainable practices. By aligning with government initiatives, the company aims to accelerate its growth, contribute to national energy goals, and establish itself as a key player in the

renewable energy sector.

➤ Importance to the country and the region

As per the India Energy Outlook 2021 by the IEA, there is a projected near doubling of primary energy demand in India, reaching 1,123 million tonnes of oil equivalent by 2040, driven by the anticipated growth of the country's gross domestic product (GDP) to US\$ 8.6 trillion.

As of April 2023, India has established itself as the second-largest refiner in Asia with an oil refining capacity of 253.91 MMT. Notably, private entities own approximately 35% of this total refining capacity. India is poised to be a significant contributor to global non-OECD petroleum consumption growth, with petrol product consumption reaching 222.3 MMT in FY23. High-Speed Diesel remains the predominant oil product, constituting 38.6% of the total petroleum product consumption in the same fiscal year.

The consumption of petroleum products in India rose to nearly 4.44 million barrels per day (BPD) in FY23, showcasing an increase from 4.05 million BPD in FY22. Concurrently, India's crude oil production reached 1.59 MBPD during the period of April-July 2023.

Furthermore, India's LNG import for FY23 amounted to 20.1 million metric tonnes, while the gross production of LNG was 2,883 MMSCM in January 2023. The International Energy Agency (IEA) forecasts a substantial growth in natural gas consumption in India, anticipating an increase by 25 BCM with an average annual growth rate of 9% until 2024.

6. Need of project

The establishment of BIO GAS PRIVATE LIMITED and its focus on bio gas plants aligns with the pressing need for sustainable and renewable energy solutions. The project addresses several key aspects that contribute to the overall well-being of both the environment and the community.

Here are some significant points highlighting the need for the project:

Renewable Energy Source:

Bio gas is a renewable energy source derived from organic waste materials. By investing in bio gas plants, Buland Bio Gas contributes to reducing dependence on non-renewable resources like fossil fuels.

Environmental Impact:

The project plays a crucial role in mitigating environmental issues by converting organic waste into clean energy. It helps in reducing greenhouse gas emissions, **which are major contributors to climate change.**

Waste Management:

The bio gas plants operated by Buland Bio Gas address the challenge of organic waste disposal. By utilizing waste materials to produce bio gas, the project actively contributes to efficient waste management and reduces the burden on landfills.

Contribution to Sustainable Development:

The focus on renewable energy aligns with the global agenda of sustainable development. Buland Bio Gas contributes to achieving sustainable development goals by providing a clean and reliable energy source.

Energy Independence:

Investing in bio gas facilities enhances energy independence by diversifying the energy mix. This reduces reliance on traditional energy sources and increases resilience in the face of energy-related challenges.

Local Economic Development:

The presence of the bio gas plant in Lahagra, Block Agota, District Bulandshahr, Uttar Pradesh, contributes to local economic development. It creates job opportunities, stimulates economic activity, and fosters community growth.

Government Initiatives and Incentives:

The project aligns with government initiatives promoting renewable energy. Governments often provide incentives and support for projects that contribute to clean energy production, making it a strategic investment.

Community Health and Well-being:

The reduction of organic waste and the production of clean energy positively impact community health by minimizing air and water pollution associated with traditional waste disposal methods.

Long-term Viability:

Bio gas as an energy source has proven to be a sustainable and viable option in the long term. The project's commitment to bio gas facilities underscores a forward-looking approach to energy production.

In conclusion, the establishment and operation of BIO GAS PRIVATE LIMITED's bio gas plants address critical environmental, economic, and social needs, contributing to a more sustainable and resilient energy future.

Aspect	Description
Job Creation and Economic Stimulus	As Buland Bio Gas expands operations, there is a direct impact on job creation, stimulating economic growth. Diverse employment opportunities ranging from skilled technicians to support staff are generated.
Increased Local Investments	The expansion of bio gas facilities involves increased investments in infrastructure, technology, and human capital. This benefits not only the company but also stimulates local businesses, suppliers, and service providers, creating a positive ripple effect.

Aspect	Description
Revenue Generation	With the growth of bio gas production capacity, Buland Bio Gas can expect increased revenue streams. Bio gas production and sale contribute to the company's financial strength, facilitating further expansion and investment in cutting-edge technologies.
Technology Advancements and Innovation	Expansion involves embracing advanced technologies and innovative solutions. Staying at the forefront of technological developments in bio gas production ensures efficiency and enhances the company's competitive edge in the market.
Market Share Expansion	Growing bio gas production capacity allows Buland Bio Gas to capture a larger market share. This expansion is advantageous for the company and contributes to the overall growth and maturity of the bio gas industry.
Diversification of Revenue Streams	As the company expands, it may explore diversification opportunities within the renewable energy sector. This strategic move mitigates risks associated with market fluctuations and positions Buland Bio Gas as a versatile player in the evolving energy landscape.
Government Support and Incentives	Governments often provide support and incentives for companies engaged in renewable energy projects. Buland Bio Gas, through its expansion, can tap into these opportunities, further boosting its growth trajectory and contributing to the broader economic development agenda.
Positive Environmental Impact	The growth of the company's bio gas facilities reinforces its commitment to environmental sustainability. This aligns with consumer preferences and enhances the company's reputation, potentially attracting more investors and partnerships.
Future Energy Trends and	Expansion positions Buland Bio Gas to meet the growing demand for clean and sustainable energy sources. The company's

Aspect	Description
Demands	foresight and expansion plans place it at the forefront of fulfilling future energy needs as the world shifts towards renewable energy.

In summary, BIO GAS PRIVATE LIMITED's expansion encompasses various aspects that contribute not only to the company's growth but also to the broader economic and environmental landscape. The strategic vision, coupled with a commitment to sustainability, positions the company as a key player in shaping the future of renewable energy.

7. Product Description

BIO GAS PRIVATE LIMITED proudly presents its cutting-edge Bio Gas Plants, revolutionizing the renewable energy landscape. Specializing in the development and operation of bio gas facilities, our company, headquartered in Noida, Uttar Pradesh stands as a beacon of commitment to sustainable energy solutions.

Product Description: Bio Gas Plants by BIO GAS PRIVATE LIMITED

Advanced Bio Gas Technology: Our Bio Gas Plants are equipped with state-of-the-art technology, ensuring efficient and eco-friendly production of bio gas. We leverage innovative processes to convert organic waste into a valuable energy source, contributing to a cleaner and greener environment.

Strategic Location: Situated at LG 101 K, Ansal Fortune, Arcade Sector – 18, Noida, our registered office and administration address reflects our strategic presence in a prominent business hub. This central location ensures streamlined management of administrative and operational functions, emphasizing our commitment to efficiency and accessibility for stakeholders.

Sustainable Energy Production: The heart of our operations lies in Lahagra, Block Agota, District Bulandshahr, Uttar Pradesh, where our bio gas plant is strategically positioned. This facility plays a pivotal role in regional development and environmental responsibility by harnessing bio gas technology to provide a clean and sustainable energy source.

Commitment to Environmental Goals: Buland Bio Gas is dedicated to making a positive impact on the environment and energy sustainability goals of the region. By contributing to the reduction of carbon footprints, we align with global efforts to promote eco-friendly practices and create a more sustainable future.

Local Community Impact: Our operations aim to benefit not only the broader renewable energy sector but also the local community. By leveraging bio gas technology, we foster regional development, create employment opportunities, and promote a cleaner environment, ensuring a positive influence on the communities we serve.

Contribution to Renewable Energy Sector: As a key player in the renewable energy landscape, BIO GAS PRIVATE LIMITED aspires to contribute significantly to the growth and development of the sector in Uttar Pradesh and beyond. Our commitment extends to being a catalyst for positive change, aligning our efforts with global initiatives for a cleaner and more sustainable planet.

Choose BIO GAS PRIVATE LIMITED for cutting-edge Bio Gas Plants that embody innovation, sustainability, and a profound commitment to a brighter, cleaner future. Join us in revolutionizing the way we harness energy for a more sustainable tomorrow.

8. Location of the project

➤ Plant Location

**GVC2+ C83, LAHAGRA, BLOCK AGOTA, DISTRICT BULANDSHAHR,
UTTAR PRADESH – 203408**

➤ Google Plant map



9. Market survey

Biogas in India: A Lucrative Opportunity through 2032

The biogas market in India presents a compelling opportunity with significant growth potential until 2032 and beyond.

Here's a breakdown of the key aspects:

Market Size and Growth:

The Indian biogas market was valued at USD 1.4 billion in 2021 and is expected to reach USD 2.25 billion by 2029, at a CAGR of 6.3%.

The global biogas market is projected to grow at a CAGR of 4.70% between 2023 and 2032, reaching USD 94.19 billion by 2032. India is expected to be a major contributor to this growth.

Market Drivers:

Government Support and Initiatives: BIO GAS PRIVATE LIMITED operates in an environment bolstered by robust government support and initiatives. The Ministry of New and Renewable Energy (MNRE)'s Biogas Power Generation

program is a notable example. This initiative, backed by supportive policies, is a driving force behind the expansion of the bio gas market. The government's commitment to promoting renewable energy aligns with our mission at Buland Bio Gas to contribute significantly to sustainable energy solutions.

Rising Energy Demand: In the face of India's growing population and expanding economy, the demand for energy is on the rise. This scenario positions renewable sources, particularly biogas, as an attractive and essential component of the energy mix. BIO GAS PRIVATE LIMITED stands ready to meet this escalating demand by providing a clean and sustainable energy solution through our advanced Bio Gas Plants.

Waste Management: Biogas emerges as a sustainable solution for comprehensive waste management. With the ability to process agricultural, industrial, and municipal waste, biogas not only addresses environmental concerns but also generates economic benefits. Buland Bio Gas is at the forefront of this transformative approach, contributing to both waste reduction and the creation of a cleaner, healthier environment.

Multiple Applications: The versatility of biogas extends its market reach across various applications. From cooking and heating to electricity generation and transportation fuel, biogas serves as a multi-faceted solution. BIO GAS PRIVATE LIMITED, with its advanced Bio Gas Plants, caters to this diverse range of applications, offering a reliable and sustainable energy source for various needs.

Market Segmentation: BIO GAS PRIVATE LIMITED recognizes the diverse sources and applications within the biogas market:

Source Segmentation: Municipal, industrial, and agricultural waste feedstocks serve as the primary sources for biogas production. Our plants are strategically designed to accommodate these varied feedstocks, ensuring efficient and sustainable production processes.

Application Segmentation: Biogas finds application in vehicle fuel, electricity generation, heating, upgraded biogas (biomethane), and cooking gas. BIO GAS PRIVATE LIMITED's commitment to innovation and technology allows us to

cater to the specific needs of each segment, contributing to a comprehensive and sustainable energy solution.

Government Schemes in India: Our operations are aligned with key government schemes in India, promoting renewable energy and waste management. Schemes such as the Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM) and the Swachh Bharat Abhiyan provide crucial support and incentives, further enhancing the viability and impact of our bio gas initiatives. We are proud to be part of a sector that aligns with the national agenda for clean energy and sustainable development.

Under the National Bioenergy Programme, 6 Bio-CNG facilities and more than 11,100 small biogas plants were launched

According to the National Bioenergy Programme (NBP), the Union Minister for New & Renewable Energy and Power, Mr. R. K. Singh has informed that the Ministry of New and Renewable Energy notified the National Bioenergy Programme (NBP) in November 2022 for the period April 1, 2021-March 31, 2026.

This programme, with a budgetary outlay of Rs. 1,715 crore (US\$ 207.16 million) shall be implemented in two phases. The first phase has a budgetary outlay of Rs. 858 crore (US\$ 103.64 million). This programme provides Central Financial Assistance (CFA) for setting up of Bioenergy plants.

Six Bio-CNG plants and 11,143 small biogas plants have been commissioned, sanctions for which have been issued under the NBP guidelines. There are three bio-CNG plants in Maharashtra and one each in Punjab, Tamil Nadu, and Uttar Pradesh.

National Bioenergy Programme, inter alia, promotes the utilization of biomass such as surplus agricultural residue, agro-based industrial residue, industrial wood-waste, forest residue, energy plantation-based biomass, etc. for energy generation and therefore would not pose a risk of deforestation.

10.Swot Analysis

Strengths:

- **Specialized Focus:** The company specializes in Bio Gas Plants, indicating a depth of knowledge and expertise in this niche area.
- **Strategic Location:** The registered office and administration address in Noida, Uttar Pradesh, provides strategic access to business opportunities and resources.
- **Dedication to Sustainability:** Buland Bio Gas is committed to sustainable energy solutions, reflecting a strong sense of environmental responsibility.
- **Operational Efficiency:** The company's focus on bio gas facilities demonstrates a streamlined operational model centered on renewable energy production.
- **Regional Impact:** The presence of the plant in Lahagra, District Bulandshahr, underscores the company's commitment to regional development and environmental stewardship.

Weaknesses:

- **Limited Market Scope:** The company's specialization in bio gas may limit its market scope compared to more diversified energy companies.
- **Dependency on Bio Gas Technology:** Reliance solely on bio gas technology may pose risks if there are technological limitations or market shifts.
- **Geographic Concentration:** Operating primarily in Uttar Pradesh may expose the company to localized economic and regulatory challenges.

Opportunities:

- **Growing Demand for Renewable Energy:** With increasing awareness of environmental issues, there is a growing demand for renewable energy sources like bio gas, presenting opportunities for market expansion.
- **Government Incentives and Policies:** Government initiatives and policies supporting renewable energy projects can provide favorable conditions for growth and investment.
- **Diversification of Product Portfolio:** Exploring related renewable energy technologies or services could diversify the company's offerings and mitigate risks associated with a single product focus.

Threats:

- **Competitive Landscape:** The renewable energy sector is competitive, with the presence of established players and emerging competitors.
- **Regulatory Changes:** Changes in government regulations or policies regarding renewable energy could impact the company's operations and profitability.
- **Technological Advancements:** Rapid advancements in renewable energy technologies may render bio gas less competitive or outdated if not adequately innovated upon.
- **Market Volatility:** Fluctuations in energy prices and market demand can affect the financial viability of bio gas projects.

In summary, while BIO GAS PRIVATE LIMITED possesses strengths in its specialized focus, strategic location, and commitment to sustainability, it faces challenges related to market limitations, technological dependencies, and competitive pressures.

CMA DATA

BULAND BIO GAS
PRIVATE LIMITED

Cost of project and means of finance

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

*** Figures in Lakh (In Rupees)**

Cost of project	Already Incurred	To be incurred		Total Cost
		Firm	Non-Firm	
Land	0	0	0	0
Site Development	0	0	0	0
Buildings	0	317	0	317
Plant and Machinery				
- Imported	0	0	0	0
- Indigenous	0	646.05	0	646.05
Misc. Fixed Assets	0	0	0	0
Preliminary Expenses	0	0	0	0
Pre-operative Expenses	0	9.84		9.84
Provision for Contingencies	0	0		0
Margin Money for Working Capital	0	13		13
Total Cost	0	985.89	0	985.89
Total Cost (Rounded off)				985.9

MEANS OF FINANCE	Already raised	To be raised	Total Cost
Equity			
Partners Capital	0	247.89	247.89
Share Premium	0	0	0
Preference Share Capital	0	0	0
Equity Contribution	0	0	0
Quasi-Equity			
Interest free Unsecured Loans	0	0	0
Subsidy	0	0	0
Quasi-Equity Others (PI Specify)	0	0	0
Total Quasi-Equity	0	247.89	247.89
Debt			
Term Loan	0	738	738
Term Loan from Other Bank	0	0	0
Interest Bearing Unsecured Loans	0	0	0
Total Debt (Rounded off)	0	738	738
Total Finance	0	985.89	985.89

Debt-Equity Ratio (DER) :	2.98
Debt Equity Ratio (Considering Interest Free Unsecured Loans as Quasi Equity) :	2.98
Promoters' Contribution (%) :	25.14%
Promoters' Contribution by Equity (%) :	100%
Ratio of Capital to Interest Free Unsecured Loans :	NA

Assumpitons

Name of the Applicant	BULAND BIO GAS PRIVATE LIMITED
Constitution of the applicant	Private Limited Company
First financial year of operations for the project	2025
Proposed date of commencement of commercial production	01/04/2024
No. of Financial Years from the Proposed date of commencement of commercial production including Moratorium Period	12
No. of Moratorium Period (Months) from the Proposed date of commencement of commercial production	12

Basis Overall Install Capacity

* Figures in Lakh (In Rupees)

Name of Product	Unit Measurement	Production per day (units)	No of working days per year	Production per annum (units)
CNG BIO Fuel	Unit	400	300	120000
Sum of Basis Of Installed Capacity				120000

Sales at installed capacity

* Figures in Lakh (In Rupees)

CNG BIO Fuel

(a) Export Sale

Percentage Export Sales	0%
Unit Measurement	
Quantity To Be Exported	0
Selling Rate Per Unit	0
Export Sales At Installed Capacity Lakh (In Rupees)	0

(b) Gross Domestic Sales

Percentage Domestic Sales	100%
Quantity For Domestic Sales	120000
Unit Measurement	Unit
Selling Rate Per Unit	5000
Gross Domestic Sales At Installed Capacity Lakh (In Rupees)	6000

Raw Material Cost At Installed Capacity

* Figures in Lakh (In Rupees)

CNG BIO Fuel

Basis Of Installed Capacity :- 120000					
Raw material	Unit Measurement	Quantity per unit	Qty. reqd. (Units)	Purchase rate per unit (In Rs.)	Total Cost Lakh (In Rupees)
raw Material	Unit	1.12	134400	3430	4609.92
Total					4609.92
Total Cost of Raw Material Lakh (In Rupees)					4609.92

Power & fuel expenses at installed capacity

* Figures in Lakh (In Rupees)

(a) Power Cost Calculations

Total Power Load :	100
No. of working hours per day :	8
No. of working days per annum :	300
Load Factor :	1
Total units consumption per annum :	240000
Ratio of Power to be obtained from SEB :	100%
Own Generation Power :	0%
Power from SEB	
No. of units purchased :	240000
Rate per unit (In Rs.) :	9
Total Cost Lakh (In Rupees) :	21.6
Own Generation	
No of units generated :	0
Rate per unit (In Rs.) :	9
Total Cost Lakh (In Rupees) :	0
Total Electricity Cost Lakh (In Rupees) :	21.6

(b) Fuel Cost For Steam Boiler

Diesel reqd. per hour (ltrs.) :	0
No. of working hours per day :	8
No. of working days per annum :	300
Total consumption per annum (ltrs.) :	0
Rate per litre of Diesel :	0
Total cost of Diesel Lakh (In Rupees) :	0
Total Power & Fuel Cost Lakh (In Rupees) :	21.6

Total Factory Salaries And Wages

*** Figures in Lakh (In Rupees)**

Designation	No. of employees.	Salary Per month (In Rs.)	Amount (In Rs.)
Manager	1	50000	50000
Accountant	1	35000	35000
Skilled Worker	10	25000	250000
Unskilled Worker	7	12000	84000
Admin Staff	5	30000	150000
Total	24		569000

Percentage Fringe Benefits

*** Figures in Lakh (In Rupees)**

Total factory salaries and wages	569000
Percentage Fringe Benefits	10 %
Fringe Benefits Amount (In Rs.)	56900
Monthly factory salaries and wages (In Rs.)	625900
Annual factory salaries and wages Lakh (In Rupees)	75.11

Other Expenses at Installed Capacity

* Figures in Lakh (In Rupees)

Other Manufacturing Expenses At Installed Capacity

Maximum No. Of Students		120000
Rate Per Unit		50
Name	Cost	
Other Manufacturing Expenses	50	
Other Manufacturing Expenses		60

Other Variable Expenses At Installed Capacity

Maximum No. Of Students		120000
Rate Per Unit		100
Name	Cost	
Other Variable Expenses	100	
Other Variable Expenses		120

Upfront fee on term loan

* Figures in Lakh (In Rupees)

Amount of Term Loan Lakh (In Rupees)	738
Upfront fee (%)	1%
Education Cess (%)	0%
Amount of Upfront Fee	7.38

Interest during construction period

*** Figures in Lakh (In Rupees)**

Interest Rate on Term Loan	8%
----------------------------	----

Disbursement	I	II	III
Amount disbursed	738	0	0
Cumulative amount	738	738	738
Outstanding period (in months)	2	0	0
Interest amount	9.84	0	0
Total Interest during construction period Lakh (In Rupees)			9.84

Buildings

*** Figures in Lakh (In Rupees)**

S No.	Description	Cost
1	Land Area Development	95
2	feed Preparation	42
3	Rcc Digester& Fertilizer Effluent Pits	180
Total		317

Cost Of Plant And Machinery

* Figures in Lakh (In Rupees)

Indigenous

S No.	Description	Quantity	Supplier	Unit Cost in Rupees	Total Cost Lakh (In Rupees)
1	Consultancy, Assistance for Licensing/ Permission/ Approval	1	NA	2000000	20
2	Mixer for Feeding Pit and Air Compressor	1	NA	3000000	30
3	Agitator and Pump for Digester	1	NA	9500000	95
4	Piping, Valve, Heating, Chiller Unit and Lab Setup	1	NA	4500000	45
5	Double Membrane Roof	1	NA	6500000	65
6	Biogas burner, Flare stack and Gas analyzer	1	NA	2000000	20
7	Gas Cleaning system - water Scrubber Control Panel and DeSulfurization unit	1	NA	17750000	177.5
8	Fire & Safety Equipment's and Gas Analyzer	1	NA	2000000	20
9	Separation, Fertilizer Drying, Bio- fertilizer equipment/Dewatering unit	1	NA	1500000	15
10	Supply Chain Equipment & Silage Storage facility	1	NA	6000000	60
11	GST On Machineries	1	NA	9855000	98.55
Total					646

Sales & Total Income

* Figures in Lakh (In Rupees)

Sales & Total Income	Absolute amount at 100% installed capacity
Annual gross domestic sales Lakh (In Rupees)	6000
Annual export sales Lakh (In Rupees)	0
Annual income from job work Lakh (In Rupees)	0
Other Operational Income	0
Annual Non-operational Income Lakh (In Rupees)	0

User Defined Annual Income From Job Work / Other Operational Income Lakh (In Rupees)

	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Annual income from job work Lakh (In Rupees)	0	0	0	0	0	0	0
Other Operational Income	0	0	0	0	0	0	0
Annual Non-operational Income Lakh (In Rupees)	0	0	0	0	0	0	0

User defined Annual Income from Job Work / Other Operational Income Lakh (In Rupees)

	FY2032	FY2033	FY2034	FY2035	FY2036
Annual income from job work Lakh (In Rupees)	0	0	0	0	0
Other Operational Income	0	0	0	0	0
Annual Non-operational Income Lakh (In Rupees)	0	0	0	0	0

Cost of production sales

*** Figures in Lakh (In Rupees)**

	Absolute amount at 100% installed capacity
Raw material consumed	4609.92
Consumable stores and spares Lakh (In Rupees)	0
Power, Fuel & Other Utilities Lakh (In Rupees)	21.6
Annual Increase Rate	-1 %
Factory salaries and Wages Lakh (In Rupees)	75.11
Other Manufacturing Expenses	60
Other Variable Expenses	120

Repairs and maintenance

	On Gross Value of Assets
Annual Increase Rate	-1%
Percentage on Building	1
Percentage on Plant & Machinery	3
Percentage on Misc. Fixed Assets	1
Percentage of Annual Net Sales & Job Income	
Selling, Packing & Distribution Expenses	3
Administrative & Misc. Expenses	2
Variable Component of Power, Fuel & Other Utilities (%)	70
Variable Component Of Factory Salaries And Wages(%)	80
Variable Component of Selling, Packing & Distribution Expenses (%)	90
Corporate/ Income Tax Rate	25
Surcharge rate, if applicable	0
Education cess	0
Any Benefit Under Income Tax Act(%)	0
No. of initial years for which 100% tax exemption is available	0

Dividend or drawings

Financial Year	Percentage
Financial Year FY2025	10%
Financial Year FY2026	20%
Financial Year FY2027	30%
Financial Year FY2028	40%
Financial Year FY2029	50%
Financial Year FY2030	50%
Financial Year FY2031	50%
Financial Year FY2032	55%
Financial Year FY2033	55%
Financial Year FY2034	55%
Financial Year FY2035	55%
Financial Year FY2036	55%

Working capital

* Figures in Lakh (In Rupees)

Computation of Margin Money for WC for taking in Project Cost	User Defined
Year from which MM for WC will be used for Project Cost Calculations	First Year of Operation
Method of Assessment of Working Capital Requirement	User Defined
Whether computation of Stock in Process and finished goods are to be done in Profitability Statement for arriving at proper values of cost of production and as per RBI definition, when following Second Method of Lending for WC Assessment	YES
Whether the unit will avail working capital limit from Bank	YES

(a) User-defined Assessment of Working Capital	User defined Amount Lakh (In Rupees)						
	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
User-defined Margin Money for WC	13	13	13	13	13	13	13
Bank Borrowing for WC	5	50	50	50	50	50	50
Sundry Creditors	0	0	0	0	0	0	0

(a) User-defined Assessment of Working Capital	User defined Amount Lakh (In Rupees)				
	FY2032	FY2033	FY2034	FY2035	FY2036
User-defined Margin Money for WC	13	13	13	13	13
Bank Borrowing for WC	50	50	50	50	50
Sundry Creditors	0	0	0	0	0

(b) Inventory holding periods for First or Second Method of Lending	No. of Months
Raw material	1

Consumable stores and spares	0
Stock in Process	0.25
finished goods	0.75
Export Receivables	0
Receivables other than Exports	0
(c) Sundry Creditors for Nayak Committee Method/ First or Second Method of Lending	No. of Months
Sundry Creditors	1
Rate of Interest on Bank Borrowing for Working Capital	8

Depreciation

*** Figures in Lakh (In Rupees)**

Select method of depreciation to be applied in projections

WDV

	Depreciation Rates as per Income Tax Act (WDV Method)	Depreciation Rates to be applied in projections
Building	10	10
Plant and Machinery	15	15
MFA	10	10

Term loan

Installment Type :	Monthly Installments
Equal and Unequal Installment :	Unequal Installments
No. of installments :	120
Interest rate on term loan :	8
Date of first installment :	01/04/2025

Term loan from other bank

Installment Type :	Monthly Installments
No. of installments :	0
Interest rate on term loan :	0
Date of first installment :	01/04/2024

Interest bearing unsecured loans

*** Figures in Lakh (In Rupees)**

Repayment Installments :	Interest Bearing Unsecured Loans
Whether Interest Bearing Unsecured Loans Are Repayable :	YES
Interest rate on Interest Bearing Unsecured Loans :	0
Interest Bearing Unsecured Loans are repayable	MONTHLY
No. of installments :	0
Date of first installment :	01/04/2024

	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031	FY2032	FY2033
Lease Rentals Lakh (In Rupees)	0	0	0	0	0	0	0	0	0	0

Guess Rate for IRR Calculation :	20
Discount rate for NPV calculation :	8
No. of Employees :	24

Projections of performance & profitability

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

* Figures in Lakh (In Rupees)

	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Production Capacity Utilization	45%	50%	55%	60%	65%	70%	75%
Sales as percentage of Installed Capacity	41.25%	49.58%	54.58%	59.58%	64.58%	69.58%	74.58%
Sales / Total Income							
Gross Domestic Sales	2475	2975	3275	3575	3875	4175	4475
Net Domestic Sales	2475	2975	3275	3575	3875	4175	4475
Export Sales	0	0	0	0	0	0	0
Net Sales	2475	2975	3275	3575	3875	4175	4475
Income from other job work	0	0	0	0	0	0	0
Other Operational Income	0	0	0	0	0	0	0
Total Income	2475	2975	3275	3575	3875	4175	4475
COST OF PRODUCTION/ SALES							
raw material consumed	2074.46	2304.96	2535.46	2765.95	2996.45	3226.94	3457.44
consumable stores and spares	0	0	0	0	0	0	0
Power, Fuel & Other Utilities (Fixed)	6.48	6.48	6.48	6.48	6.48	6.48	6.48
Power, Fuel & Other Utilities (Variable)	6.8	7.56	8.32	9.07	9.83	10.58	11.34
factory salaries and wages (fixed)	15.02	14.87	14.72	14.58	14.43	14.29	14.14

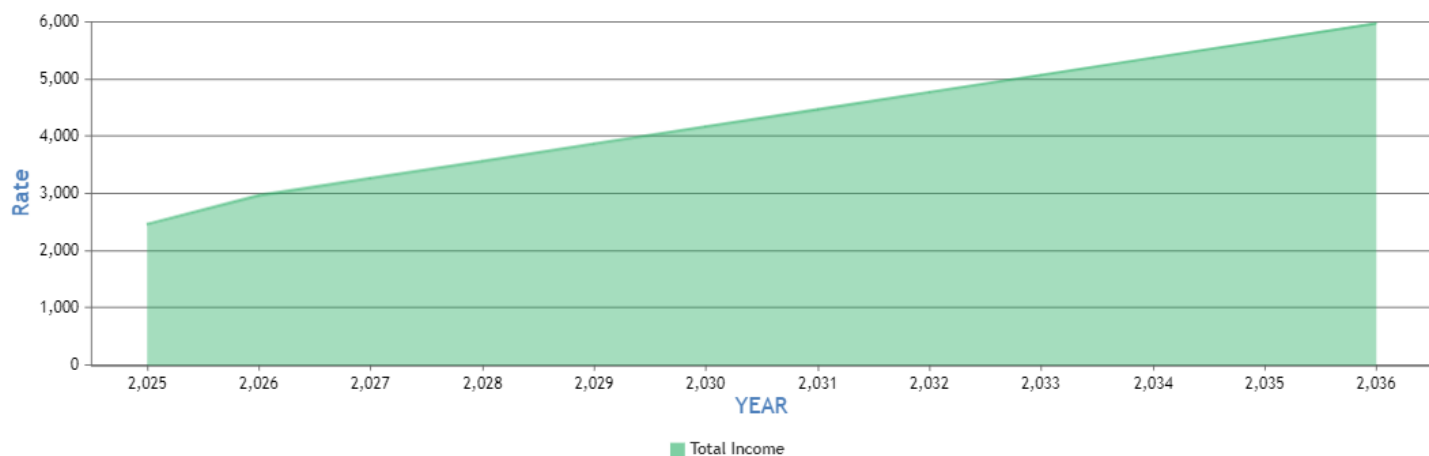
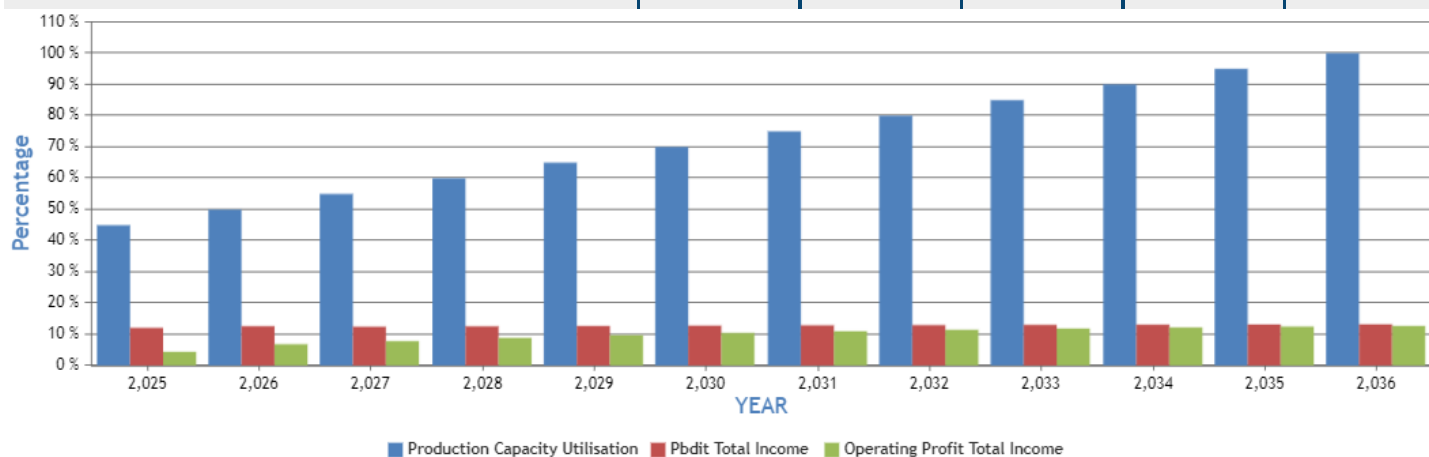
	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
factory salaries and wages (variable)	27.04	29.74	32.39	34.98	37.52	40	42.43
Repairs & Maintenance	22.78	22.55	22.33	22.11	21.88	21.67	21.45
Other Manufacturing Expenses	27	30	33	36	39	42	45
other variable expenses	54	60	66	72	78	84	90
Depreciation	129.92	112.03	96.67	83.47	72.11	62.35	53.94
Sub-total	2363.5	2588.19	2815.37	3044.64	3275.7	3508.31	3742.22
add: opening stock in process	0	48.23	53.8	58.55	63.33	68.14	72.99
less: closing stock in process	48.23	53.8	58.55	63.33	68.14	72.99	77.86
cost of production	2315.27	2582.62	2810.62	3039.86	3270.89	3503.46	3737.35
Add: Opening Stock of Finished Goods	0	136.19	159.93	174.74	189.09	203.53	218.06
Less: Closing Stock of Finished Goods	136.19	159.93	174.74	189.09	203.53	218.06	232.67
Cost of Sales	2179.08	2558.88	2795.81	3025.51	3256.45	3488.93	3722.74
Selling, Packing & Distr. Expenses (Fixed)	7.43	8.93	9.83	10.73	11.63	12.53	13.43
Selling, Packing & Distr. Expenses (Variable)	66.83	80.33	88.43	96.53	104.63	112.73	120.83
Administrative & Misc. Expenses	49.5	59.5	65.5	71.5	77.5	83.5	89.5
Sub-total	2302.84	2707.64	2959.57	3204.27	3450.21	3697.69	3946.5
Profit before Interest, Lease Rentals (PBIT)	172.16	267.36	315.43	370.73	424.79	477.31	528.5
Interest on Term Loan	59.04	55.85	49.95	44.16	38.14	32.23	26.33
Interest on Interest Bearing Unsecured Loans	0	0	0	0	0	0	0

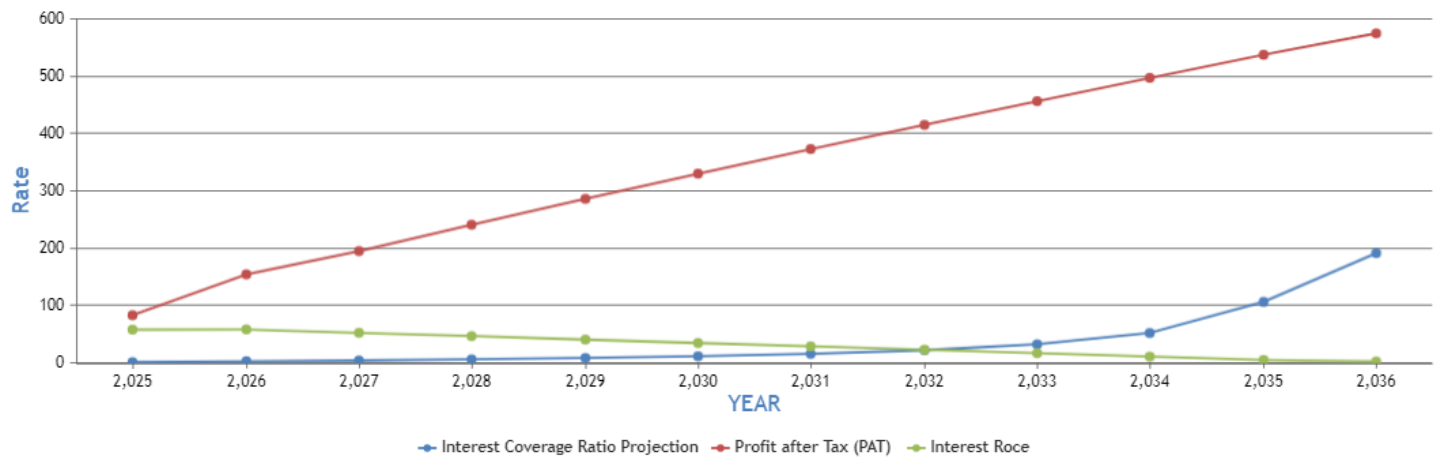
	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Interest on Bank Borrowing	0.4	4	4	4	4	4	4
Lease Rentals	0	0	0	0	0	0	0
Operating Profit	112.72	207.51	261.49	322.57	382.65	441.07	498.17
Preliminary Expenses written off	0	0	0	0	0	0	0
Non-operational Income	0	0	0	0	0	0	0
Profit before Tax (PBT)	112.72	207.51	261.49	322.57	382.65	441.07	498.17
Provision for Taxation	28.18	51.88	65.37	80.64	95.66	110.27	124.54
Profit after Tax (PAT)	84.54	155.63	196.12	241.93	286.99	330.8	373.63
Drawings	24.79	49.58	74.37	99.16	123.95	123.95	123.95
Retained Earnings	59.75	106.05	121.75	142.77	163.04	206.85	249.68
Gross Cash Accruals	214.46	267.66	292.79	325.4	359.1	393.15	427.57
Net Cash Accruals	189.67	218.08	218.42	226.24	235.15	269.2	303.62
PBDIT/ Total Income (%)	12.21%	12.75%	12.58%	12.7%	12.82%	12.93%	13.02%
Operating Profit/ Total Income (%)	4.55%	6.98%	7.98%	9.02%	9.87%	10.56%	11.13%
Net Profit/ Total income (%)	3.42%	5.23%	5.99%	6.77%	7.41%	7.92%	8.35%
Raw Material Cost/ Cost of Production (%)	89.6%	89.25%	90.21%	90.99%	91.61%	92.11%	92.51%
Cost of Production/ Net Sales (%)	93.55%	86.81%	85.82%	85.03%	84.41%	83.92%	83.52%
Cost of Sales/ Net Sales (%)	88.04%	86.01%	85.37%	84.63%	84.04%	83.57%	83.19%
Interest Coverage Ratio	2.9	4.47	5.85	7.7	10.08	13.17	17.43
Return on Capital Employed (ROCE) (%)	20%	33.68%	45.24%	60.4%	78.42%	99.58%	124.24%

	FY2032	FY2033	FY2034	FY2035	FY2036
Production Capacity Utilization	80%	85%	90%	95%	100%
Sales as percentage of Installed Capacity	79.58%	84.58%	89.58%	94.58%	99.58%
Sales / Total Income					
Gross Domestic Sales	4775	5075	5375	5675	5975
Net Domestic Sales	4775	5075	5375	5675	5975
Export Sales	0	0	0	0	0
Net Sales	4775	5075	5375	5675	5975
Income from other job work	0	0	0	0	0
Other Operational Income	0	0	0	0	0
Total Income	4775	5075	5375	5675	5975
COST OF PRODUCTION/ SALES					
raw material consumed	3687.94	3918.43	4148.93	4379.42	4609.92
consumable stores and spares	0	0	0	0	0
Power, Fuel & Other Utilities (Fixed)	6.48	6.48	6.48	6.48	6.48
Power, Fuel & Other Utilities (Variable)	12.1	12.85	13.61	14.36	15.12
factory salaries and wages (fixed)	14	13.86	13.72	13.59	13.45
factory salaries and wages (variable)	44.8	47.13	49.4	51.63	53.8
Repairs & Maintenance	21.23	21.02	20.81	20.6	20.4
Other Manufacturing Expenses	48	51	54	57	60
other variable expenses	96	102	108	114	120
Depreciation	46.7	40.47	35.09	30.44	26.43
Sub-total	3977.25	4213.24	4450.04	4687.52	4925.6
add: opening stock in process	77.86	82.76	87.67	92.61	97.55

	FY2032	FY2033	FY2034	FY2035	FY2036
less: closing stock in process	82.76	87.67	92.61	97.55	102.51
cost of production	3972.35	4208.33	4445.1	4682.58	4920.64
Add: Opening Stock of Finished Goods	232.67	247.35	262.1	276.89	291.73
Less: Closing Stock of Finished Goods	247.35	262.1	276.89	291.73	306.61
Cost of Sales	3957.67	4193.58	4430.31	4667.74	4905.76
Selling, Packing & Distr. Expenses (Fixed)	14.33	15.23	16.13	17.03	17.93
Selling, Packing & Distr. Expenses (Variable)	128.93	137.03	145.13	153.23	161.33
Administrative & Misc. Expenses	95.5	101.5	107.5	113.5	119.5
Sub-total	4196.43	4447.34	4699.07	4951.5	5204.52
Profit before Interest, Lease Rentals (PBIT)	578.57	627.66	675.93	723.5	770.48
Interest on Term Loan	20.48	14.52	8.62	2.71	0
Interest on Interest Bearing Unsecured Loans	0	0	0	0	0
Interest on Bank Borrowing	4	4	4	4	4
Lease Rentals	0	0	0	0	0
Operating Profit	554.1	609.14	663.31	716.78	766.48
Preliminary Expenses written off	0	0	0	0	0
Non-operational Income	0	0	0	0	0
Profit before Tax (PBT)	554.1	609.14	663.31	716.78	766.48
Provision for Taxation	138.52	152.28	165.83	179.2	191.62
Profit after Tax (PAT)	415.58	456.86	497.48	537.58	574.86
Drawings	136.34	136.34	136.34	136.34	136.34
Retained Earnings	279.24	320.52	361.14	401.24	438.52
Gross Cash Accruals	462.28	497.33	532.57	568.02	601.29

	FY2032	FY2033	FY2034	FY2035	FY2036
Net Cash Accruals	325.94	360.99	396.23	431.68	464.95
PBDIT/ Total Income (%)	13.09%	13.17%	13.23%	13.29%	13.34%
Operating Profit/ Total Income (%)	11.6%	12%	12.34%	12.63%	12.83%
Net Profit/ Total income (%)	8.7%	9%	9.26%	9.47%	9.62%
Raw Material Cost/ Cost of Production (%)	92.84%	93.11%	93.34%	93.53%	93.69%
Cost of Production/ Net Sales (%)	83.19%	82.92%	82.7%	82.51%	82.35%
Cost of Sales/ Net Sales (%)	82.88%	82.63%	82.42%	82.25%	82.1%
Interest Coverage Ratio	23.64	33.89	53.57	107.77	192.62
Return on Capital Employed (ROCE) (%)	152.78%	185.57%	222.98%	265.31%	312.86%





Projected cash flow statement

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

* Figures in Lakh (In Rupees)

	Const. Period	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Sources Of Funds								
PBT with interest & lease rental added back	0	172.16	267.36	315.43	370.73	424.79	477.31	528.5
Depreciation	0	129.92	112.03	96.67	83.47	72.11	62.35	53.94
Increase in Partners Capital	247.89	0	0	0	0	0	0	0
Increase in Share Premium	0	0	0	0	0	0	0	0
Increase in Preference Share Capital	0	0	0	0	0	0	0	0
Increase in Equity Capital	0	0	0	0	0	0	0	0
Increase in Interest Free Unsecured Loan	0	0	0	0	0	0	0	0
Increase in Subsidy	0	0	0	0	0	0	0	0
Increase in Quasi-Equity Others (Pl Specify)	0	0	0	0	0	0	0	0
Increase in Term Loan	738	0	0	0	0	0	0	0
Increase in Interest Bearing Unsecured Loans	0	0	0	0	0	0	0	0

	Const. Period	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Increase in Bank Borrowings for WC	0	5	45	0	0	0	0	0
Increase in Current Liabilities	0	0	0	0	0	0	0	0
Preliminary Expenses written off	0	0	0	0	0	0	0	0
Total	985.89	307.08	424.39	412.1	454.2	496.9	539.66	582.44
Disposition Of Funds								
Increase in Capital expenditure	972.89	0	0	0	0	0	0	0
Preliminary Expenses	0	0	0	0	0	0	0	0
Increase in Current Assets	0	18	45	0	0	0	0	0
Decrease in Term Loan	0	0	73.8	73.8	73.8	73.8	73.8	73.8
Decrease in Interest Bearing Unsecured Loans	0	0	0	0	0	0	0	0
Interest on Term Loan	0	59.04	55.85	49.95	44.16	38.14	32.23	26.33
Interest on Interest Bearing Unsecured Loans	0	0	0	0	0	0	0	0
Interest on Working Capital Limit	0	0.4	4	4	4	4	4	4
Lease Rentals	0	0	0	0	0	0	0	0
Taxation	0	28.18	51.88	65.37	80.64	95.66	110.27	124.54
Drawings	0	24.79	49.58	74.37	99.16	123.95	123.95	123.95
Total	972.89	130.41	280.11	267.49	301.76	335.55	344.25	352.62

	Const. Period	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Opening Cash & Bank Balance	0	13	189.67	333.95	478.57	631.01	792.36	987.76
Net Surplus/ Deficit	13	176.67	144.28	144.62	152.44	161.35	195.4	229.82
Closing Cash & Bank Balance	13	189.67	333.95	478.57	631.01	792.36	987.76	1217.58

	Const. Period	FY2032	FY2033	FY2034	FY2035	FY2036
Sources Of Funds						
PBT with interest & lease rental added back	0	578.57	627.66	675.93	723.5	770.48
Depreciation	0	46.7	40.47	35.09	30.44	26.43
Increase in Partners Capital	247.89	0	0	0	0	0
Increase in Share Premium	0	0	0	0	0	0
Increase in Preference Share Capital	0	0	0	0	0	0
Increase in Equity Capital	0	0	0	0	0	0
Increase in Interest Free Unsecured Loan	0	0	0	0	0	0
Increase in Subsidy	0	0	0	0	0	0
Increase in Quasi-Equity Others (PI Specify)	0	0	0	0	0	0
Increase in Term Loan	738	0	0	0	0	0
Increase in Interest Bearing Unsecured Loans	0	0	0	0	0	0
Increase in Bank Borrowings for WC	0	0	0	0	0	0
Increase in Current Liabilities	0	0	0	0	0	0

	Const. Period	FY2032	FY2033	FY2034	FY2035	FY2036
Preliminary Expenses written off	0	0	0	0	0	0
Total	985.89	625.27	668.13	711.02	753.94	796.91
Disposition Of Funds						
Increase in Capital expenditure	972.89	0	0	0	0	0
Preliminary Expenses	0	0	0	0	0	0
Increase in Current Assets	0	0	0	0	0	0
Decrease in Term Loan	0	73.8	73.8	73.8	73.8	0
Decrease in Interest Bearing Unsecured Loans	0	0	0	0	0	0
Interest on Term Loan	0	20.48	14.52	8.62	2.71	0
Interest on Interest Bearing Unsecured Loans	0	0	0	0	0	0
Interest on Working Capital Limit	0	4	4	4	4	4
Lease Rentals	0	0	0	0	0	0
Taxation	0	138.52	152.28	165.83	179.2	191.62
Drawings	0	136.34	136.34	136.34	136.34	136.34
Total	972.89	373.14	380.94	388.59	396.05	331.96
Opening Cash & Bank Balance	0	1217.58	1469.72	1756.91	2079.34	2437.23
Net Surplus/ Deficit	13	252.14	287.19	322.43	357.88	464.95
Closing Cash & Bank Balance	13	1469.72	1756.91	2079.34	2437.23	2902.18

Projected balance sheet

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

*** Figures in Lakh (In Rupees)**

	Const. Period	As on FY2025	As on FY2026	As on FY2027	As on FY2028	As on FY2029	As on FY2030	As on FY2031
Liabilities								
Partners Capital	247.89	247.89	247.89	247.89	247.89	247.89	247.89	247.89
Preference Share Capital	0	0	0	0	0	0	0	0
Equity Contribution	0	0	0	0	0	0	0	0
Reserves & Surplus	0	59.75	165.8	287.55	430.32	593.36	800.21	1049.89
Interest free Unsecured Loans	0	0	0	0	0	0	0	0
Subsidy	0	0	0	0	0	0	0	0
Quasi-Equity Others (PI Specify)	0	0	0	0	0	0	0	0
Term Loan from bank	738	738	664.2	590.4	516.6	442.8	369	295.2
Interest Bearing Unsecured Loans	0	0	0	0	0	0	0	0
Bank Borrowings for WC	0	5	50	50	50	50	50	50
Current Liabilities								
Creditors for Purchases	0	0	0	0	0	0	0	0
TOTAL Liabilities	985.89	1050.64	1127.89	1175.84	1244.81	1334.05	1467.1	1642.98
ASSETS								

	Const. Period	As on FY2025	As on FY2026	As on FY2027	As on FY2028	As on FY2029	As on FY2030	As on FY2031
WDV of Fixed assets	972.89	972.89	842.97	730.94	634.27	550.8	478.69	416.34
Less : Depreciation	0	129.92	112.03	96.67	83.47	72.11	62.35	53.94
Net Fixed Assets	972.89	842.97	730.94	634.27	550.8	478.69	416.34	362.4
Current Assets								
Raw Material		172.87	192.08	211.29	230.5	249.7	268.91	288.12
Consumables Stores And Spares		0	0	0	0	0	0	0
Stock in Process (Month's Cost of Production)		48.23	53.8	58.55	63.33	68.14	72.99	77.86
Finished Goods (Month's Cost of sales)		136.19	159.93	174.74	189.09	203.53	218.06	232.67
Export Receivables		0	0	0	0	0	0	0
Receivables other than Exports		0	0	0	0	0	0	0
Total Current Assets	0	357.29	405.81	444.58	482.92	521.37	559.96	598.65
Cash & Bank Balance	13	189.67	333.95	478.57	631.01	792.36	987.76	1217.58
Preliminary Expenses not written off	0	0	0	0	0	0	0	0
TOTAL ASSETS	985.89	1050.64	1127.89	1175.84	1244.81	1334.05	1467.1	1642.98
Current Ratio (not considering installments of T/L as CL)		41.53	7.94	10.83	13.88	17.11	21.02	25.61

	Const. Period	As on FY2025	As on FY2026	As on FY2027	As on FY2028	As on FY2029	As on FY2030	As on FY2031
Current Ratio (considering installments of T/L as CL)		41.53	3.21	4.37	5.61	6.91	8.49	10.34
Debt Equity Ratio	2.98	2.4	1.61	1.1	0.76	0.53	0.35	0.23
Debt Equity Ratio (Considering Interest Free Unsecured Loans as Quasi Equity)	2.98	2.4	1.61	1.1	0.76	0.53	0.35	0.23
TOL/ TNW	2.98	2.42	1.73	1.2	0.84	0.59	0.4	0.27

	Const. Period	As on FY2032	As on FY2033	As on FY2034	As on FY2035	As on FY2036
Liabilities						
Partners Capital	247.89	247.89	247.89	247.89	247.89	247.89
Preference Share Capital	0	0	0	0	0	0
Equity Contribution	0	0	0	0	0	0
Reserves & Surplus	0	1329.13	1649.65	2010.79	2412.04	2850.56
Interest free Unsecured Loans	0	0	0	0	0	0
Subsidy	0	0	0	0	0	0
Quasi-Equity Others (PI Specify)	0	0	0	0	0	0
Term Loan from bank	738	221.4	147.6	73.8	0	0
Interest Bearing Unsecured Loans	0	0	0	0	0	0
Bank Borrowings for WC	0	50	50	50	50	50
Current Liabilities						
Creditors for Purchases	0	0	0	0	0	0

	Const. Period	As on FY2032	As on FY2033	As on FY2034	As on FY2035	As on FY2036
TOTAL Liabilities	985.89	1848.42	2095.14	2382.48	2709.93	3148.45
ASSETS						
WDV of Fixed assets	972.89	362.4	315.7	275.23	240.14	209.7
Less : Depreciation	0	46.7	40.47	35.09	30.44	26.43
Net Fixed Assets	972.89	315.7	275.23	240.14	209.7	183.27
Current Assets						
Raw Material		307.33	326.54	345.74	364.95	384.16
Consumables Stores And Spares		0	0	0	0	0
Stock in Process (Month's Cost of Production)		82.76	87.67	92.61	97.55	102.51
Finished Goods (Month's Cost of sales)		247.35	262.1	276.89	291.73	306.61
Export Receivables		0	0	0	0	0
Receivables other than Exports		0	0	0	0	0
Total Current Assets	0	637.44	676.31	715.24	754.23	793.28
Cash & Bank Balance	13	1469.72	1756.91	2079.34	2437.23	2902.18
Preliminary Expenses not written off	0	0	0	0	0	0
TOTAL ASSETS	985.89	1848.42	2095.14	2382.48	2709.93	3148.45
Current Ratio (not considering installments of T/L as CL)		30.65	36.4	42.85	50	59.3
Current Ratio (considering installments of T/L as CL)		12.38	14.7	17.3	20.2	59.3
Debt Equity Ratio	2.98	0.14	0.08	0.03	0	0
Debt Equity Ratio (Considering Interest Free Unsecured Loans as Quasi Equity)	2.98	0.14	0.08	0.03	0	0

	Const. Period	As on FY2032	As on FY2033	As on FY2034	As on FY2035	As on FY2036
TOL/ TNW	2.98	0.17	0.1	0.05	0.02	0.02

Margin money for working capital and assessment of wc

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

*** Figures in Lakh (In Rupees)**

Particulars	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Gross sales (incl. Job Income)	2475	2975	3275	3575	3875	4175	4475
Total Working Capital Requirement (25% of Gross sales)	618.75	743.75	818.75	893.75	968.75	1043.75	1118.75
Margin Money for Working Capital (5% of Gross sales)	123.75	148.75	163.75	178.75	193.75	208.75	223.75
Permissible Bank Borrowing (20% of Gross sales)	495	595	655	715	775	835	895

Particulars	FY2032	FY2033	FY2034	FY2035	FY2036
Gross sales (incl. Job Income)	4775	5075	5375	5675	5975
Total Working Capital Requirement (25% of Gross sales)	1193.75	1268.75	1343.75	1418.75	1493.75
Margin Money for Working Capital (5% of Gross sales)	238.75	253.75	268.75	283.75	298.75
Permissible Bank Borrowing (20% of Gross sales)	955	1015	1075	1135	1195

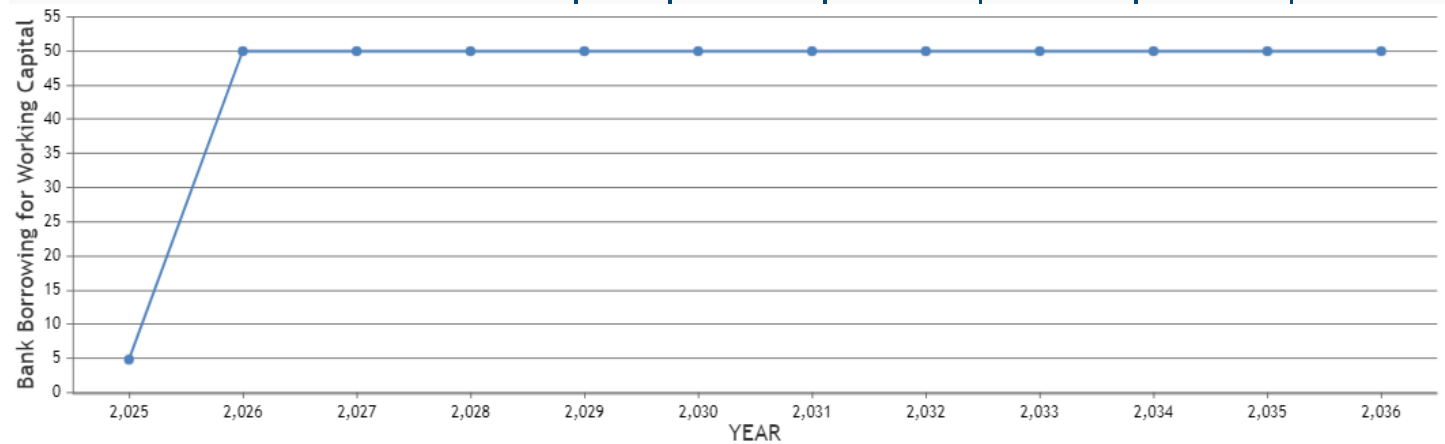
	No. of Months	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Current Assets								
Raw material	1	172.87	192.08	211.29	230.5	249.7	268.91	288.12
Consumables stores and spares	0	0	0	0	0	0	0	0
stock in process (month's cost of production)	0.25	48.23	53.8	58.55	63.33	68.14	72.99	77.86
Finished goods (month's cost of sales)	0.75	136.19	159.93	174.74	189.09	203.53	218.06	232.67
Export Receivables	0	0	0	0	0	0	0	0
Receivables other than Exports	0	0	0	0	0	0	0	0
Total Current Assets (A)		357.29	405.81	444.58	482.92	521.37	559.96	598.65
Current Liabilities								
Creditors for Purchases	1	172.87	192.08	211.29	230.5	249.7	268.91	288.12
Total Current Assets (A)		172.87	192.08	211.29	230.5	249.7	268.91	288.12
Working Capital Gap (A-B)		184.42	213.73	233.29	252.42	271.67	291.05	310.53
Margin Money on Working Capital (25% on CA other than Export Receivables)		13	13	13	13	13	13	13
Bank Borrowing for Working Capital		95.1	112.28	122.14	131.69	141.33	151.06	160.87

	No. of Months	FY2032	FY2033	FY2034	FY2035	FY2036
Current Assets						
Raw material	1	307.33	326.54	345.74	364.95	384.16
Consumables stores and spares	0	0	0	0	0	0
stock in process (month's cost of production)	0.25	82.76	87.67	92.61	97.55	102.51
Finished goods (month's cost of sales)	0.75	247.35	262.1	276.89	291.73	306.61
Export Receivables	0	0	0	0	0	0
Receivables other than Exports	0	0	0	0	0	0
Total Current Assets (A)		637.44	676.31	715.24	754.23	793.28
Current Liabilities						
Creditors for Purchases	1	307.33	326.54	345.74	364.95	384.16
Total Current Assets (A)		307.33	326.54	345.74	364.95	384.16
Working Capital Gap (A-B)		330.11	349.77	369.5	389.28	409.12
Margin Money on Working Capital (25% on CA other than Export Receivables)		13	13	13	13	13
Bank Borrowing for Working Capital		170.75	180.69	190.69	200.72	210.8

Recommended Method - User Defined

		FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Total Current Assets		18	63	63	63	63	63	63
Total Current Liabilities		0	0	0	0	0	0	0
Working Capital Gap		18	63	63	63	63	63	63
Margin Money on Working Capital		13	13	13	13	13	13	13
Bank Borrowing for Working Capital		5	50	50	50	50	50	50
Interest on Bank Borrowing for WC @	8%	0.4	4	4	4	4	4	4

		FY2032	FY2033	FY2034	FY2035	FY2036
Total Current Assets		63	63	63	63	63
Total Current Liabilities		0	0	0	0	0
Working Capital Gap		63	63	63	63	63
Margin Money on Working Capital		13	13	13	13	13
Bank Borrowing for Working Capital		50	50	50	50	50
Interest on Bank Borrowing for WC @	8%	4	4	4	4	4



Depreciation chart

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

* Figures in Lakh (In Rupees)

Calculation of depreciation on written down value method	Building	Plant & Machinery	Misc. Fixed Assets	Total
Original Cost	317	646.05	0	963.05
Contingencies	0	0	0	0
Allocation of Pre-operative Expenses	3.24	6.6	0	9.84
Total Value	320.24	652.65	0	972.89
Depreciation Rate	10%	15%	10%	
Depreciation for 2024	32.02	97.9	0	129.92
WDV	288.22	554.75	0	842.97
Depreciation for 2025	28.82	83.21	0	112.03
WDV	259.4	471.54	0	730.94
Depreciation for 2026	25.94	70.73	0	96.67
WDV	233.46	400.81	0	634.27
Depreciation for 2027	23.35	60.12	0	83.47
WDV	210.11	340.69	0	550.8
Depreciation for 2028	21.01	51.1	0	72.11
WDV	189.1	289.59	0	478.69
Depreciation for 2029	18.91	43.44	0	62.35
WDV	170.19	246.15	0	416.34
Depreciation for 2030	17.02	36.92	0	53.94
WDV	153.17	209.23	0	362.4

Calculation of depreciation on written down value method	Building	Plant & Machinery	Misc. Fixed Assets	Total
Depreciation for 2031	15.32	31.38	0	46.7
WDV	137.85	177.85	0	315.7
Depreciation for 2032	13.79	26.68	0	40.47
WDV	124.06	151.17	0	275.23
Depreciation for 2033	12.41	22.68	0	35.09
WDV	111.65	128.49	0	240.14
Depreciation for 2034	11.17	19.27	0	30.44
WDV	100.48	109.22	0	209.7
Depreciation for 2035	10.05	16.38	0	26.43
WDV	90.43	92.84	0	183.27

	Building	Plant & Machinery	Misc. Fixed Assets	Total
Depreciation Rate	10%	15%	10%	
Cost	320.24	652.65	0	
Depreciation for 2024	32.02	97.9	0	129.92
WDV	288.22	554.75	0	
Depreciation for 2025	28.82	83.21	0	112.03
WDV	259.4	471.54	0	
Depreciation for 2026	25.94	70.73	0	96.67
WDV	233.46	400.81	0	
Depreciation for 2027	23.35	60.12	0	83.47
WDV	210.11	340.69	0	
Depreciation for 2028	21.01	51.1	0	72.11
WDV	189.1	289.59	0	
Depreciation for 2029	18.91	43.44	0	62.35
WDV	170.19	246.15	0	
Depreciation for 2030	17.02	36.92	0	53.94
WDV	153.17	209.23	0	
Depreciation for 2031	15.32	31.38	0	46.7
WDV	137.85	177.85	0	
Depreciation for 2032	13.79	26.68	0	40.47
WDV	124.06	151.17	0	
Depreciation for 2033	12.41	22.68	0	35.09
WDV	111.65	128.49	0	

	Building	Plant & Machinery	Misc. Fixed Assets	Total
Depreciation for 2034	11.17	19.27	0	30.44
WDV	100.48	109.22	0	
Depreciation for 2035	10.05	16.38	0	26.43
WDV	90.43	92.84	0	

Interest on term loan monthly

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

*** Figures in Lakh (In Rupees)**

Term Loan Lakh (In Rupees)	738
No. of Monthly Installments	120
Amount of Equal Installment	0
Rate of Interest	8
Proposed date of commencement of commercial production	01/04/2024
Date of first repayment	01/04/2025

EMI Count	Date	Opening Balance	Repayment	Closing Balance	Interest on Closing Balance	Annual Interest	Annual Installment
0	01/04/2024	738	0	738	4.85		
0	01/05/2024	738	0	738	5.01		
0	01/06/2024	738	0	738	4.85		
0	01/07/2024	738	0	738	5.01		
0	01/08/2024	738	0	738	5.01		
0	01/09/2024	738	0	738	4.85		
0	01/10/2024	738	0	738	5.01		
0	01/11/2024	738	0	738	4.85		
0	01/12/2024	738	0	738	5.01		
0	01/01/2025	738	0	738	5.01		
0	01/02/2025	738	0	738	4.53		
0	01/03/2025	738	0	738	5.01	59.04	

EMI Count	Date	Opening Balance	Repayment	Closing Balance	Interest on Closing Balance	Annual Interest	Annual Installment
1	01/04/2025	738	6.15	731.85	4.81		
2	01/05/2025	731.85	6.15	725.7	4.93		
3	01/06/2025	725.7	6.15	719.55	4.73		
4	01/07/2025	719.55	6.15	713.4	4.85		
5	01/08/2025	713.4	6.15	707.25	4.81		
6	01/09/2025	707.25	6.15	701.1	4.61		
7	01/10/2025	701.1	6.15	694.95	4.72		
8	01/11/2025	694.95	6.15	688.8	4.53		
9	01/12/2025	688.8	6.15	682.65	4.64		
10	01/01/2026	682.65	6.15	676.5	4.6		
11	01/02/2026	676.5	6.15	670.35	4.11		
12	01/03/2026	670.35	6.15	664.2	4.51	55.85	73.8
13	01/04/2026	664.2	6.15	658.05	4.33		
14	01/05/2026	658.05	6.15	651.9	4.43		
15	01/06/2026	651.9	6.15	645.75	4.25		
16	01/07/2026	645.75	6.15	639.6	4.35		
17	01/08/2026	639.6	6.15	633.45	4.3		
18	01/09/2026	633.45	6.15	627.3	4.12		
19	01/10/2026	627.3	6.15	621.15	4.22		
20	01/11/2026	621.15	6.15	615	4.04		
21	01/12/2026	615	6.15	608.85	4.14		
22	01/01/2027	608.85	6.15	602.7	4.1		

EMI Count	Date	Opening Balance	Repayment	Closing Balance	Interest on Closing Balance	Annual Interest	Annual Installment
23	01/02/2027	602.7	6.15	596.55	3.66		
24	01/03/2027	596.55	6.15	590.4	4.01	49.95	73.8
25	01/04/2027	590.4	6.15	584.25	3.84		
26	01/05/2027	584.25	6.15	578.1	3.93		
27	01/06/2027	578.1	6.15	571.95	3.76		
28	01/07/2027	571.95	6.15	565.8	3.84		
29	01/08/2027	565.8	6.15	559.65	3.8		
30	01/09/2027	559.65	6.15	553.5	3.64		
31	01/10/2027	553.5	6.15	547.35	3.72		
32	01/11/2027	547.35	6.15	541.2	3.56		
33	01/12/2027	541.2	6.15	535.05	3.64		
34	01/01/2028	535.05	6.15	528.9	3.59		
35	01/02/2028	528.9	6.15	522.75	3.32		
36	01/03/2028	522.75	6.15	516.6	3.51	44.16	73.8
37	01/04/2028	516.6	6.15	510.45	3.36		
38	01/05/2028	510.45	6.15	504.3	3.43		
39	01/06/2028	504.3	6.15	498.15	3.28		
40	01/07/2028	498.15	6.15	492	3.34		
41	01/08/2028	492	6.15	485.85	3.3		
42	01/09/2028	485.85	6.15	479.7	3.15		
43	01/10/2028	479.7	6.15	473.55	3.22		
44	01/11/2028	473.55	6.15	467.4	3.07		

EMI Count	Date	Opening Balance	Repayment	Closing Balance	Interest on Closing Balance	Annual Interest	Annual Installment
45	01/12/2028	467.4	6.15	461.25	3.13		
46	01/01/2029	461.25	6.15	455.1	3.09		
47	01/02/2029	455.1	6.15	448.95	2.76		
48	01/03/2029	448.95	6.15	442.8	3.01	38.14	73.8
49	01/04/2029	442.8	6.15	436.65	2.87		
50	01/05/2029	436.65	6.15	430.5	2.93		
51	01/06/2029	430.5	6.15	424.35	2.79		
52	01/07/2029	424.35	6.15	418.2	2.84		
53	01/08/2029	418.2	6.15	412.05	2.8		
54	01/09/2029	412.05	6.15	405.9	2.67		
55	01/10/2029	405.9	6.15	399.75	2.72		
56	01/11/2029	399.75	6.15	393.6	2.59		
57	01/12/2029	393.6	6.15	387.45	2.63		
58	01/01/2030	387.45	6.15	381.3	2.59		
59	01/02/2030	381.3	6.15	375.15	2.3		
60	01/03/2030	375.15	6.15	369	2.51	32.23	73.8
61	01/04/2030	369	6.15	362.85	2.39		
62	01/05/2030	362.85	6.15	356.7	2.42		
63	01/06/2030	356.7	6.15	350.55	2.3		
64	01/07/2030	350.55	6.15	344.4	2.34		
65	01/08/2030	344.4	6.15	338.25	2.3		
66	01/09/2030	338.25	6.15	332.1	2.18		

EMI Count	Date	Opening Balance	Repayment	Closing Balance	Interest on Closing Balance	Annual Interest	Annual Installment
67	01/10/2030	332.1	6.15	325.95	2.21		
68	01/11/2030	325.95	6.15	319.8	2.1		
69	01/12/2030	319.8	6.15	313.65	2.13		
70	01/01/2031	313.65	6.15	307.5	2.09		
71	01/02/2031	307.5	6.15	301.35	1.85		
72	01/03/2031	301.35	6.15	295.2	2.01	26.33	73.8
73	01/04/2031	295.2	6.15	289.05	1.9		
74	01/05/2031	289.05	6.15	282.9	1.92		
75	01/06/2031	282.9	6.15	276.75	1.82		
76	01/07/2031	276.75	6.15	270.6	1.84		
77	01/08/2031	270.6	6.15	264.45	1.8		
78	01/09/2031	264.45	6.15	258.3	1.7		
79	01/10/2031	258.3	6.15	252.15	1.71		
80	01/11/2031	252.15	6.15	246	1.62		
81	01/12/2031	246	6.15	239.85	1.63		
82	01/01/2032	239.85	6.15	233.7	1.59		
83	01/02/2032	233.7	6.15	227.55	1.45		
84	01/03/2032	227.55	6.15	221.4	1.5	20.48	73.8
85	01/04/2032	221.4	6.15	215.25	1.42		
86	01/05/2032	215.25	6.15	209.1	1.42		
87	01/06/2032	209.1	6.15	202.95	1.33		
88	01/07/2032	202.95	6.15	196.8	1.34		

EMI Count	Date	Opening Balance	Repayment	Closing Balance	Interest on Closing Balance	Annual Interest	Annual Installment
89	01/08/2032	196.8	6.15	190.65	1.3		
90	01/09/2032	190.65	6.15	184.5	1.21		
91	01/10/2032	184.5	6.15	178.35	1.21		
92	01/11/2032	178.35	6.15	172.2	1.13		
93	01/12/2032	172.2	6.15	166.05	1.13		
94	01/01/2033	166.05	6.15	159.9	1.09		
95	01/02/2033	159.9	6.15	153.75	0.94		
96	01/03/2033	153.75	6.15	147.6	1	14.52	73.8
97	01/04/2033	147.6	6.15	141.45	0.93		
98	01/05/2033	141.45	6.15	135.3	0.92		
99	01/06/2033	135.3	6.15	129.15	0.85		
100	01/07/2033	129.15	6.15	123	0.84		
101	01/08/2033	123	6.15	116.85	0.79		
102	01/09/2033	116.85	6.15	110.7	0.73		
103	01/10/2033	110.7	6.15	104.55	0.71		
104	01/11/2033	104.55	6.15	98.4	0.65		
105	01/12/2033	98.4	6.15	92.25	0.63		
106	01/01/2034	92.25	6.15	86.1	0.59		
107	01/02/2034	86.1	6.15	79.95	0.49		
108	01/03/2034	79.95	6.15	73.8	0.5	8.62	73.8
109	01/04/2034	73.8	6.15	67.65	0.44		
110	01/05/2034	67.65	6.15	61.5	0.42		

EMI Count	Date	Opening Balance	Repayment	Closing Balance	Interest on Closing Balance	Annual Interest	Annual Installment
111	01/06/2034	61.5	6.15	55.35	0.36		
112	01/07/2034	55.35	6.15	49.2	0.33		
113	01/08/2034	49.2	6.15	43.05	0.29		
114	01/09/2034	43.05	6.15	36.9	0.24		
115	01/10/2034	36.9	6.15	30.75	0.21		
116	01/11/2034	30.75	6.15	24.6	0.16		
117	01/12/2034	24.6	6.15	18.45	0.13		
118	01/01/2035	18.45	6.15	12.3	0.08		
119	01/02/2035	12.3	6.15	6.15	0.04		
120	01/03/2035	6.15	6.15	0	0	2.71	73.8
	Grand Total		738		352.02	352.02	738

Break even point

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

* Figures in Lakh (In Rupees)

	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Production Capacity Utilization	45%	50%	55%	60%	65%	70%	75%
Total Income (incl. increase in SIP & FG)	2659.42	3004.31	3294.56	3594.13	3894.25	4194.38	4494.48
Variable Cost							
Raw material consumed	2074.46	2304.96	2535.46	2765.95	2996.45	3226.94	3457.44
Consumables spares	0	0	0	0	0	0	0
Power, Fuel & Other Utilities (Variable)	6.8	7.56	8.32	9.07	9.83	10.58	11.34
factory salaries and wages (variable)	27.04	29.74	32.39	34.98	37.52	40	42.43
Other Manufacturing Expenses	27	30	33	36	39	42	45
Other Variable Expenses	54	60	66	72	78	84	90
Selling, Packing & Distribution Expenses (Variable)	66.83	80.33	88.43	96.53	104.63	112.73	120.83
Interest on Bank Borrowing	0.4	4	4	4	4	4	4
Total Variable Cost	2256.53	2516.59	2767.6	3018.53	3269.43	3520.25	3771.04
Contribution	402.89	487.72	526.96	575.6	624.82	674.13	723.44
Fixed Cost							
Power, Fuel & Other Utilities (Fixed)	6.48	6.48	6.48	6.48	6.48	6.48	6.48
factory salaries and wages (fixed)	15.02	14.87	14.72	14.58	14.43	14.29	14.14

	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Repairs & Maintenance	22.78	22.55	22.33	22.11	21.88	21.67	21.45
Selling, Packing & Distribution Expenses (Fixed)	7.43	8.93	9.83	10.73	11.63	12.53	13.43
Depreciation	129.92	112.03	96.67	83.47	72.11	62.35	53.94
Administrative & Misc. Expenses	49.5	59.5	65.5	71.5	77.5	83.5	89.5
Interest on Term Loans	59.04	55.85	49.95	44.16	38.14	32.23	26.33
Interest on Interest Bearing Unsecured Loans	0	0	0	0	0	0	0
Lease Rentals	0	0	0	0	0	0	0
Total Fixed Cost	290.17	280.21	265.48	253.03	242.17	233.05	225.27
Break Even Point(% of installed capacity)	32.41%	28.73%	27.71%	26.38%	25.19%	24.2%	23.35%
Cash Break Even Point (% of installed capacity)	17.9%	17.24%	17.62%	17.67%	17.69%	17.73%	17.76%

	FY2032	FY2033	FY2034	FY2035	FY2036
Production Capacity Utilization	80%	85%	90%	95%	100%
Total Income (incl. increase in SIP & FG)	4794.58	5094.66	5394.73	5694.78	5994.84
Variable Cost					
Raw material consumed	3687.94	3918.43	4148.93	4379.42	4609.92
Consumables spares	0	0	0	0	0
Power, Fuel & Other Utilities (Variable)	12.1	12.85	13.61	14.36	15.12
factory salaries and wages (variable)	44.8	47.13	49.4	51.63	53.8
Other Manufacturing Expenses	48	51	54	57	60
Other Variable Expenses	96	102	108	114	120

	FY2032	FY2033	FY2034	FY2035	FY2036
Selling, Packing & Distribution Expenses (Variable)	128.93	137.03	145.13	153.23	161.33
Interest on Bank Borrowing	4	4	4	4	4
Total Variable Cost	4021.77	4272.44	4523.07	4773.64	5024.17
Contribution	772.81	822.22	871.66	921.14	970.67

Fixed Cost

Power, Fuel & Other Utilities (Fixed)	6.48	6.48	6.48	6.48	6.48
factory salaries and wages (fixed)	14	13.86	13.72	13.59	13.45
Repairs & Maintenance	21.23	21.02	20.81	20.6	20.4
Selling, Packing & Distribution Expenses (Fixed)	14.33	15.23	16.13	17.03	17.93
Depreciation	46.7	40.47	35.09	30.44	26.43
Administrative & Misc. Expenses	95.5	101.5	107.5	113.5	119.5
Interest on Term Loans	20.48	14.52	8.62	2.71	0
Interest on Interest Bearing Unsecured Loans	0	0	0	0	0
Lease Rentals	0	0	0	0	0
Total Fixed Cost	218.72	213.08	208.35	204.35	204.19
Break Even Point(% of installed capacity)	22.64%	22.03%	21.51%	21.08%	21.04%
Cash Break Even Point (% of installed capacity)	17.81%	17.84%	17.89%	17.94%	18.31%

Optimum year :	FY2035
BEP in the Optimum Year (%) :	21.08%
Cash BEP in the Optimum Year (%) :	17.94%

Calculation of debt service coverage ratio

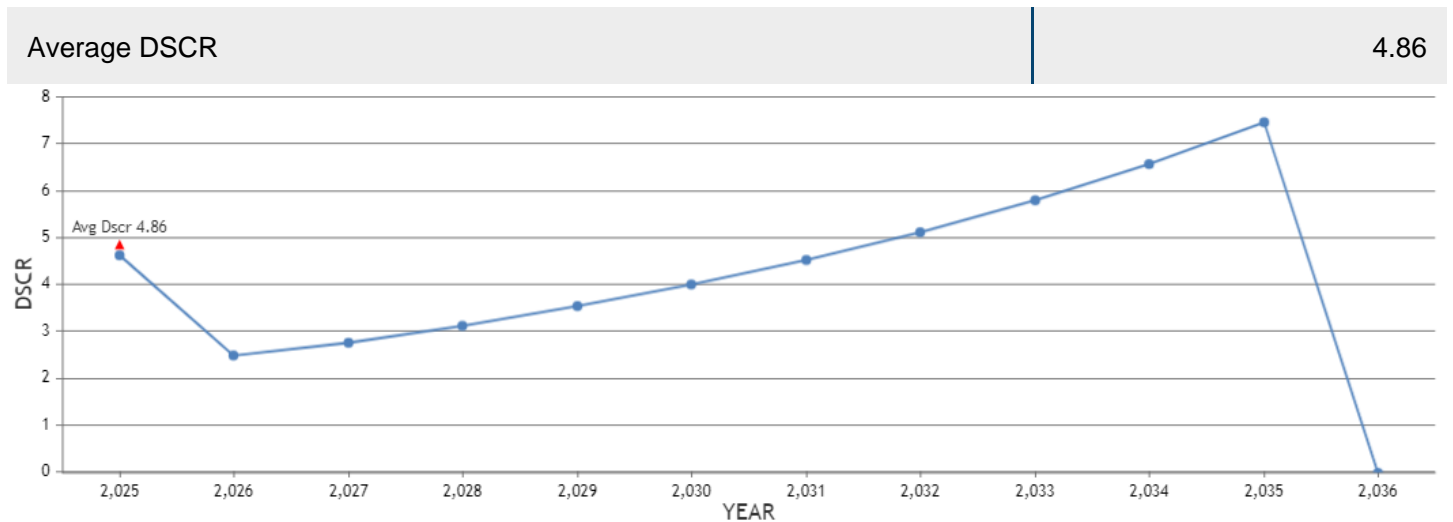
Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

* Figures in Lakh (In Rupees)

	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Net Profit After Tax	84.54	155.63	196.12	241.93	286.99	330.8	373.63
Non-cash Charges	129.92	112.03	96.67	83.47	72.11	62.35	53.94
Interest on Term Loan	59.04	55.85	49.95	44.16	38.14	32.23	26.33
Interest on Interest Bearing Unsecured Loans	0	0	0	0	0	0	0
Lease Rentals	0	0	0	0	0	0	0
Total A	273.5	323.51	342.73	369.56	397.24	425.39	453.9
Interest on Term Loan	59.04	55.85	49.95	44.16	38.14	32.23	26.33
Interest on Interest Bearing Unsecured Loans	0	0	0	0	0	0	0
Repayment of Term Loan	0	73.8	73.8	73.8	73.8	73.8	73.8
Repayment of Interest Bearing Unsecured Loans	0	0	0	0	0	0	0
Lease Rentals	0	0	0	0	0	0	0
Total B	59.04	129.65	123.75	117.96	111.94	106.03	100.13
DSCR	4.63	2.5	2.77	3.13	3.55	4.01	4.53

	FY2032	FY2033	FY2034	FY2035	FY2036	Total
Net Profit After Tax	415.58	456.86	497.48	537.58	574.86	
Non-cash Charges	46.7	40.47	35.09	30.44	26.43	
Interest on Term Loan	20.48	14.52	8.62	2.71	0	

	FY2032	FY2033	FY2034	FY2035	FY2036	Total
Interest on Interest Bearing Unsecured Loans	0	0	0	0	0	
Lease Rentals	0	0	0	0	0	
Total A	482.75	511.85	541.19	570.74	601.29	5293.65
Interest on Term Loan	20.48	14.52	8.62	2.71	0	
Interest on Interest Bearing Unsecured Loans	0	0	0	0	0	
Repayment of Term Loan	73.8	73.8	73.8	73.8	0	738
Repayment of Interest Bearing Unsecured Loans	0	0	0	0	0	0
Lease Rentals	0	0	0	0	0	
Total B	94.28	88.32	82.42	76.51	0	1090.02
DSCR	5.12	5.8	6.57	7.46	0	4.86



Calculation of irr & npv

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

* Figures in Lakh (In Rupees)

Irr Before Tax

	Const. Period	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
OUTFLOWS								
Capital Expenditure	955.67							
Increase in WC Gap		18	45	0	0	0	0	0
Total Outflows	955.67	18	45	0	0	0	0	0
INFLOWS								
Profit before Tax		112.72	207.51	261.49	322.57	382.65	441.07	498.17
Depreciation/ Write offs		129.92	112.03	96.67	83.47	72.11	62.35	53.94
Interest		59.44	59.85	53.95	48.16	42.14	36.23	30.33
Lease Rentals		0	0	0	0	0	0	0
Salvage Value								
TOTAL INFLOWS		302.08	379.39	412.1	454.2	496.9	539.66	582.44
NET FLOWS	-955.67	284.08	334.39	412.1	454.2	496.9	539.66	582.44

	Const. Period	FY2032	FY2033	FY2034	FY2035	FY2036
OUTFLOWS						
Capital Expenditure	955.67					
Increase in WC Gap		0	0	0	0	0

	Const. Period	FY2032	FY2033	FY2034	FY2035	FY2036
Total Outflows	955.67	0	0	0	0	0
INFLOWS						
Profit before Tax		554.1	609.14	663.31	716.78	766.48
Depreciation/ Write offs		46.7	40.47	35.09	30.44	26.43
Interest		24.48	18.52	12.62	6.71	4
Lease Rentals		0	0	0	0	0
Salvage Value						111.6445
TOTAL INFLOWS		625.27	668.13	711.02	753.94	908.55
NET FLOWS	-955.67	625.27	668.13	711.02	753.94	908.55

Irr Before Tax :	41.7
NPV (before tax):	2958.68
Discount Rate taken :	8%
Profitability Index (before tax) :	4.1

Irr After Tax

	Const. Period	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
OUTFLOWS								
Capital Expenditure	955.67							
Increase in WC Gap		18	45	0	0	0	0	0
Total Outflows	955.67	18	45	0	0	0	0	0
INFLOWS								
Profit after Tax		84.54	155.63	196.12	241.93	286.99	330.8	373.63
Depreciation/ Write offs		129.92	112.03	96.67	83.47	72.11	62.35	53.94
Interest		59.44	59.85	53.95	48.16	42.14	36.23	30.33
Lease Rentals		0	0	0	0	0	0	0
Salvage Value								
TOTAL INFLOWS		273.9	327.51	346.73	373.56	401.24	429.39	457.9
NET FLOWS	-955.67	255.9	282.51	346.73	373.56	401.24	429.39	457.9

	Const. Period	FY2032	FY2033	FY2034	FY2035	FY2036
OUTFLOWS						
Capital Expenditure	955.67					
Increase in WC Gap		0	0	0	0	0
Total Outflows	955.67	0	0	0	0	0
INFLOWS						
Profit after Tax		415.58	456.86	497.48	537.58	574.86
Depreciation/ Write offs		46.7	40.47	35.09	30.44	26.43

	Const. Period	FY2032	FY2033	FY2034	FY2035	FY2036
Interest		24.48	18.52	12.62	6.71	4
Lease Rentals		0	0	0	0	0
Salvage Value						111.6445
TOTAL INFLOWS		486.75	515.85	545.19	574.74	716.93
NET FLOWS	-955.67	486.75	515.85	545.19	574.74	716.93

Irr After Tax :	35.49
NPV (after tax) :	2188.91
Discount Rate taken :	8%
Profitability Index (after tax) :	3.29

Cost of capital

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

*** Figures in Lakh (In Rupees)**

	Amount	Cost of Funds (%)	Tax Rate	Cost of Funds (Post-Tax)	Total Cost (Post Tax)
Partners Capital	247.89	15%	1	15%	37.18
Share Premium	0	15%	1	15%	0
Preference Share Capital	0	15%	1	15%	0
Equity Contribution	0	15%	1	15%	0
Interest free Unsecured Loans	0	15%	1	15%	0
Subsidy	0	15%	1	15%	0
Quasi-Equity Others (PI Specify)	0	15%	1	15%	0
Term Loan	738	8%	1	8%	59.04
Term Loan from Other Bank	0	0%	0.75	0%	0
Interest Bearing Unsecured Loans	0	0%	0.75	0%	0
Internal Accruals (Optimum Year)	185.32	15	1	15%	27.8
Bank Borrowing for WC (Optimum Year)	50	8	1	8%	4
Total	1221.21				128.02
Cost of capital % :					0.1 %
Effective Tax Rate % :					0.25 %

Return on capital employed

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

* Figures in Lakh (In Rupees)

	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
RETURN							
Operating Profit	112.72	207.51	261.49	322.57	382.65	441.07	498.17
Non-Operational Income	0	0	0	0	0	0	0
Interest	59.44	59.85	53.95	48.16	42.14	36.23	30.33
Lease Rentals	0	0	0	0	0	0	0
Total	172.16	267.36	315.43	370.73	424.79	477.31	528.5
Net Fixed Assets	842.97	730.94	634.27	550.8	478.69	416.34	362.4
Current Assets less Creditors	18	63	63	63	63	63	63
Total B	860.97	793.94	697.27	613.8	541.69	479.34	425.4
ROCE	20%	33.68%	45.24%	60.4%	78.42%	99.58%	124.24%

	FY2032	FY2033	FY2034	FY2035	FY2036
RETURN					
Operating Profit	554.1	609.14	663.31	716.78	766.48
Non-Operational Income	0	0	0	0	0
Interest	24.48	18.52	12.62	6.71	4
Lease Rentals	0	0	0	0	0
Total	578.57	627.66	675.93	723.5	770.48
Net Fixed Assets	315.7	275.23	240.14	209.7	183.27

	FY2032	FY2033	FY2034	FY2035	FY2036
Current Assets less Creditors	63	63	63	63	63
Total B	378.7	338.23	303.14	272.7	246.27
ROCE	152.78%	185.57%	222.98%	265.31%	312.86%
ROCE in the Optimum Year				2.65%	

Tax provision

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

* Figures in Lakh (In Rupees)

	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
PBT	112.72	207.51	261.49	322.57	382.65	441.07	498.17
Add: Depreciation (as per books)	129.92	112.03	96.67	83.47	72.11	62.35	53.94
Less: Depreciation as per Income Tax	129.92	112.03	96.67	83.47	72.11	62.35	53.94
Gross Taxable Income	112.72	207.51	261.49	322.57	382.65	441.07	498.17
Less: Loss brought forward	0	0	0	0	0	0	0
Taxable Income	112.72	207.51	261.49	322.57	382.65	441.07	498.17
Less: Profit from Exports (Deduction allowed u/s 80HHC)	0	0	0	0	0	0	0
Income after deduction u/s 80HHC	112.72	207.51	261.49	322.57	382.65	441.07	498.17
Less: Deduction u/s 80-IA	0	0	0	0	0	0	0
Net Taxable Income	112.72	207.51	261.49	322.57	382.65	441.07	498.17
Income Tax @ 30%	28.18	51.88	65.37	80.64	95.66	110.27	124.54
Surcharge	0	0	0	0	0	0	0
Total Income Tax (including Surcharge)	28.18	51.88	65.37	80.64	95.66	110.27	124.54
Education Cess @ 3%	0	0	0	0	0	0	0
Total Income Tax (including Surcharge & Education Cess)	28.18	51.88	65.37	80.64	95.66	110.27	124.54

	FY2031	FY2032	FY2033	FY2034	FY2035
PBT	554.1	609.14	663.31	716.78	766.48
Add: Depreciation (as per books)	46.7	40.47	35.09	30.44	26.43
Less: Depreciation as per Income Tax	46.7	40.47	35.09	30.44	26.43
Gross Taxable Income	554.1	609.14	663.31	716.78	766.48
Less: Loss brought forward	0	0	0	0	0
Taxable Income	554.1	609.14	663.31	716.78	766.48
Less: Profit from Exports (Deduction allowed u/s 80HHC)	0	0	0	0	0
Income after deduction u/s 80HHC	554.1	609.14	663.31	716.78	766.48
Less: Deduction u/s 80-IA	0	0	0	0	0
Net Taxable Income	554.1	609.14	663.31	716.78	766.48
Income Tax @ 30%	138.52	152.28	165.83	179.2	191.62
Surcharge	0	0	0	0	0
Total Income Tax (including Surcharge)	138.52	152.28	165.83	179.2	191.62
Education Cess @ 3%	0	0	0	0	0
Total Income Tax (including Surcharge & Education Cess)	138.52	152.28	165.83	179.2	191.62

Interest on interest bearing unsecured loans

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

*** Figures in Lakh (In Rupees)**

Unsecured Loan Lakh (In Rupees)	0
No. of Equal Monthly Installments	0
Amount of Equal Installment	NAN
Rate of Interest	0
Proposed date of commencement of commercial production	01/04/24
Date of first repayment	01/04/24

EMI Count	Date	Opening Balance	Repayment	Closing Balance	Interest on Closing Balance	Annual Interest	Annual Installment
Grand Total			0		0	0	0

Margin on security & financial parameters

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

* Figures in Lakh (In Rupees)

Value of Primary Security				
Land	0			
Site Development	0			
Buildings	317			
Plant & Machinery	646.05			
Misc. Fixed Assets	0			
Pre-operative Expenses (excl. Deposits with Electricity Board)	9.84			
Provision for Contingencies	0			
Less: 50% Value of Moulds, if any	0	Hypothecation of P&M	Mortgage	
Value of Primary Security	963.05	646.05	317	
Term Loan	738			
Term Loan from Other Bank	0			
Proportionate value of Primary Security for Bank	963.05	646.05	317	
Margin on Primary Security for Term Loan	23.37%			
Working Capital Limit recommended, if any	0			
Exposure to applicant unit (Term Loan & WC)	738			Hypo. of Stocks & BD
Value of Stocks & Book Debts	0			0
Value of Primary Security for Term Loan and WC together	963.05	646.05	317	0

Value of Primary Security		
Margin on Primary Security for Term Loan and WC together	23.37%	
BG/ LC Limit recommended, if any	0	
Exposure to Associate Concerns	0	
Total Exposure	738	

Collateral Securities		Hypothecation of P&M	Mortgage	Hypo. of Stocks & BD	FDR
(a) Value of Collateral Securities-Immovable Properties	0		0		
(b) Value of FDRs	0				0
(c) Value of Movable Fixed Assets of Associates	0	0			
(d) Value of Immovable Properties of Associates	0		0		
Total Value of Collateral Securities	0	0	0		0
Value of total Security	963.05	646.05	317	0	0
Margin on Overall Security	23.37%				
Overall Asset Coverage	1.3				
Net Value of Securities after hair cut					
Hypothecation of P&M	258.42				
Mortgage	221.9				
Hypo. of Stocks & BD	0				
FDR	0				
Total	480.32				
Net Asset Coverage	0.65				

Financial Parameters			
Promoters' Contribution (%)	25.14%		
Promoters' Contribution by Equity (%)	100%		
Debt-Equity Ratio (DER)	2.98		
Debt-Equity Ratio (Considering Interest Free Unsecured Loans as Quasi Equity)	2.98		
Maximum DSCR	7.46	Year	2035
Minimum DSCR	0	Year	2036
Avg. DSCR	4.86		
BEP	21.08%	Optimum Year	2035
Cash BEP	17.94%	Optimum Year	2035
ROCE %	265.31%	Optimum Year	2035
Cost of capital	0.1		
IRR (Before Tax)	41.67		
IRR (After Tax)	35.43		
NPV (before tax)	2914.35		
NPV (after tax)	2144.57		
Profitability Index (before tax)	4.05		
Profitability Index (after tax)	3.24		
Capital Cost	972.89		
No. of Employees	24		
Capital Cost per Employee	40.54		

	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	FY2031
Production Capacity Utilization	45%	50%	55%	60%	65%	70%	75%
Total Income	2475	2975	3275	3575	3875	4175	4475
Gross sales	2475	2975	3275	3575	3875	4175	4475
Net sales	2475	2975	3275	3575	3875	4175	4475
Gross Profit	302.08	379.39	412.1	454.2	496.9	539.66	582.44
Operating Profit	112.72	207.51	261.49	322.57	382.65	441.07	498.17
Interest	59.44	59.85	53.95	48.16	42.14	36.23	30.33
Depreciation	129.92	112.03	96.67	83.47	72.11	62.35	53.94
Profit after Tax (PAT)	84.54	155.63	196.12	241.93	286.99	330.8	373.63
Gross Cash Accruals	214.46	267.66	292.79	325.4	359.1	393.15	427.57
Net Worth	307.64	413.69	535.44	678.21	841.25	1048.1	1297.78

	FY2032	FY2033	FY2034	FY2035	FY2036
Production Capacity Utilization	80%	85%	90%	95%	100%
Total Income	4775	5075	5375	5675	5975
Gross sales	4775	5075	5375	5675	5975
Net sales	4775	5075	5375	5675	5975
Gross Profit	625.27	668.13	711.02	753.94	796.91
Operating Profit	554.1	609.14	663.31	716.78	766.48
Interest	24.48	18.52	12.62	6.71	4
Depreciation	46.7	40.47	35.09	30.44	26.43
Profit after Tax (PAT)	415.58	456.86	497.48	537.58	574.86
Gross Cash Accruals	462.28	497.33	532.57	568.02	601.29

	FY2032	FY2033	FY2034	FY2035	FY2036
Net Worth	1577.02	1897.54	2258.68	2659.93	3098.45

Sensitivity Analysis

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

	Percentage	DSCR	BEP	Cash BEP	ROCE	Cost of Capital
Base Case		4.86	21.08%	17.94%	265.31%	0.1

	IRR (before tax)	IRR (post tax)	NPV (before tax)	NPV (post tax)	Profitability Index (before tax)	Profitability Index (post tax)
Base Case	41.67	35.43	2914.35	2144.57	4.05	3.24

Future financial indicators

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

*** Figures in Lakh (In Rupees)**

Promoter's Contribution As % Of Total Project Cost	0.25%
Der For The Project	2.98
Der For The Company As A Whole	2.98
Dscr Minimum	0
Dscr Maximum	7.46
Dscr Average	4.86
Break Even Point(Bep) % Of Installed Capacity	21.08%
Roce (Return On Capital Employed In The Optimum Year)	2.65%
Irr (Before Tax)	41.67
Irr (After Tax)	35.43
Cost Of Capital	0.1
Employment - Existing / Additional	24
Capital Cost Per Job	40.54

Sensitivity Analysis

	DSCR	IRR (post tax)	BEP	Cash BEP	ROCE
Base Case	4.86	35.43	21.08	17.94	2.65
Sales	4.86	35.43	21.08	17.94	265.31
Raw Material	4.86	35.43	21.08	17.94	265.31
Capacity Util	4.86	35.43	21.08	17.94	265.31

Output

Name of the Applicant : BULAND BIO GAS PRIVATE LIMITED

*** Figures in Lakh (In Rupees)**

Margin on Primary Security	23.37
Margin on Overall Security	23.37
Overall Asset Coverage	1.3
Promoters' Contribution (%) :	25.14
Promoters' Contribution by Equity (%)	100
Debt Equity Ratio (DER)	2.98
Debt-Equity Ratio (Considering Interest Free Unsecured Loans as Quasi Equity)	2.98
Maximum DSCR	0
Year	2035
Minimum DSCR	7.46
Year	2036
Avg. DSCR	4.86
BEP	21.08
Optimum Year	2035
Cash BEP	17.94
Optimum Year	2035
ROCE %	265.31
Optimum Year	2035
Cost of capital	0.1
IRR (Before Tax)	41.67
IRR (After Tax)	35.43

NPV (Before Tax)	2914.35
NPV (After Tax)	2144.57
Profitability Index (before tax)	4.05
Profitability Index (After tax)	3.24
Capital Cost	972.89
No. of Employees	24
Capital Cost per Employee	40.54

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