

SOP: Grinding Solution –Quote & Offer Creation

Note: Generate offers for the whole Grinding Systems Category, as well as EMOD and DTDV, using the same SOP.

Purpose

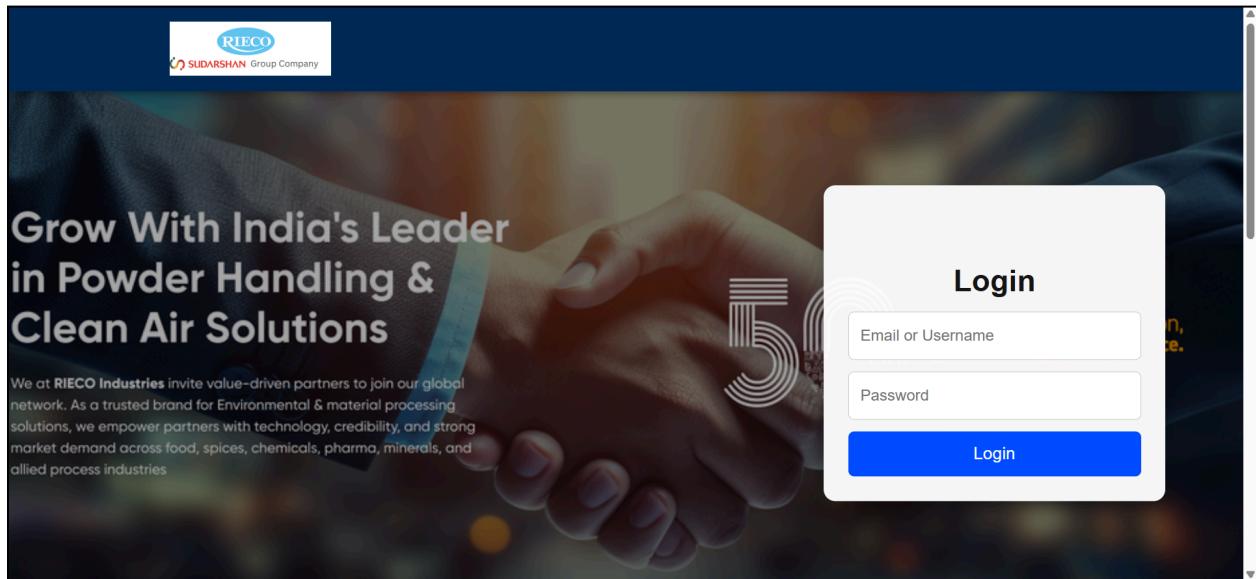
To define the step-by-step procedure for users to navigate through the Grinding Solution module, generate a quote, manage products in the cart, and submit an offer for approval.

Step 1: Login

1. Open the application.

Click on the link – <http://4.247.177.253:8000/>

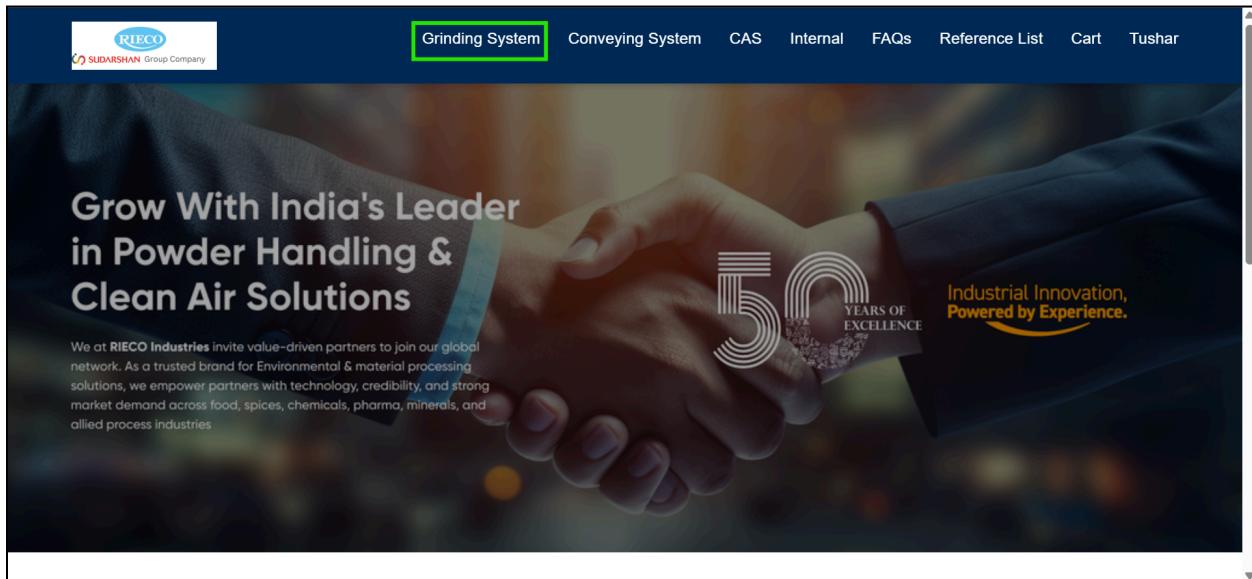
2. Enter your username and password.



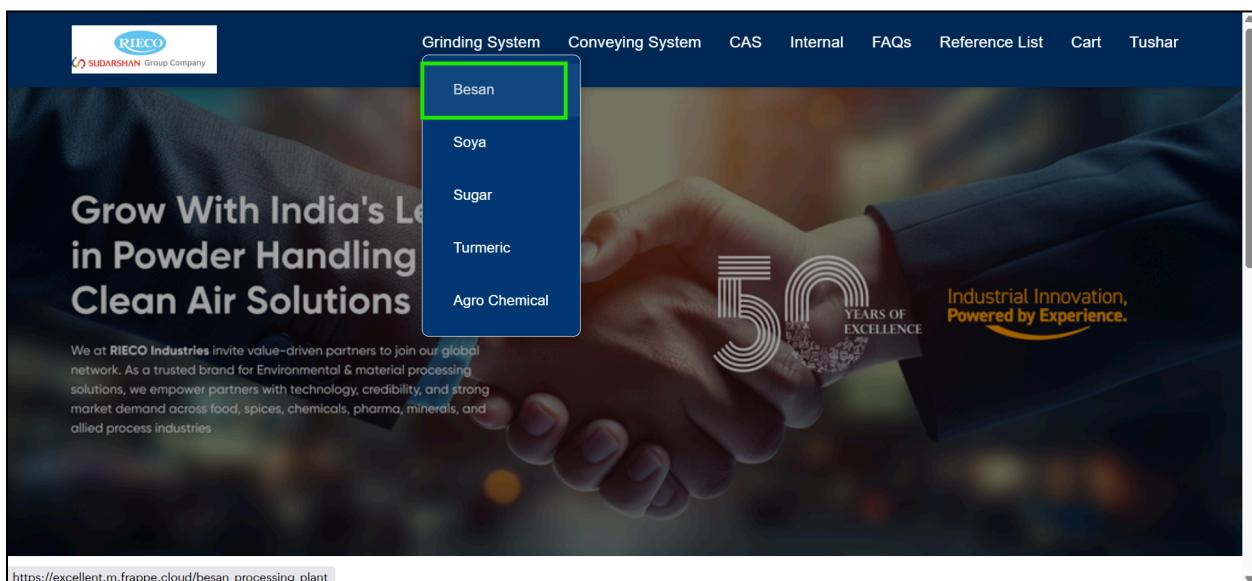
3. Click on the Login button.

Step 2: Open Grinding Solution

1. From the dashboard, Hover on Grinding System.



2. Select the required sub-category and click on it.



Step 3: Generate Quote

1. Review the introduction of the selected sub-category.

Besan Plant

The Rico Besan Grinding System is a fully automated, hygienic, and high-efficiency turnkey solution designed for producing premium-quality gram flour from Bengal gram (chickpeas). Leveraging Rico's 50+ years of grinding expertise, the system integrates milling, sieving, dust control, and packing into one seamless workflow. With precise particle size control and low heat generation, it preserves natural color, aroma, and protein content required for both traditional food markets and modern FMCG clients.



Design and Working Principle

The Besan Grinding System follows a staged, controlled size-reduction process to achieve 100–500 microns (Gargara, Fine & Super-

2. Click Generate Quote to view the product list.

BS-60-SS	ACM 60 SS 304CP	127	660-1000 kg/hr
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Technical Parameters

Characteristic	Specification
Moisture Limit	< 8%
Temperature Rise	< 10°C
Power Consumption	Range of 20 – 365 HP Depends on Capacity required.
Final Product Color Index	Natural yellow retained

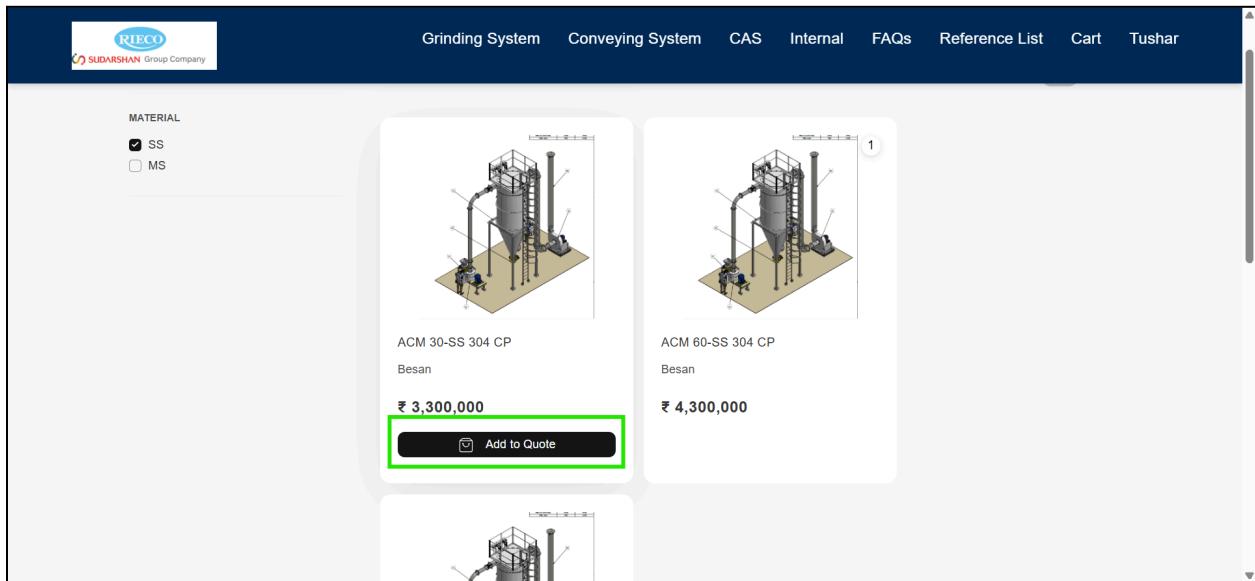
Generate Quote

Step 4: Add Products to Quote

You can add products in either way:

1. From Product List:

- Click Add to Quote directly on the product. (When you hover on product, button is visible)



MATERIAL
 SS
 MS

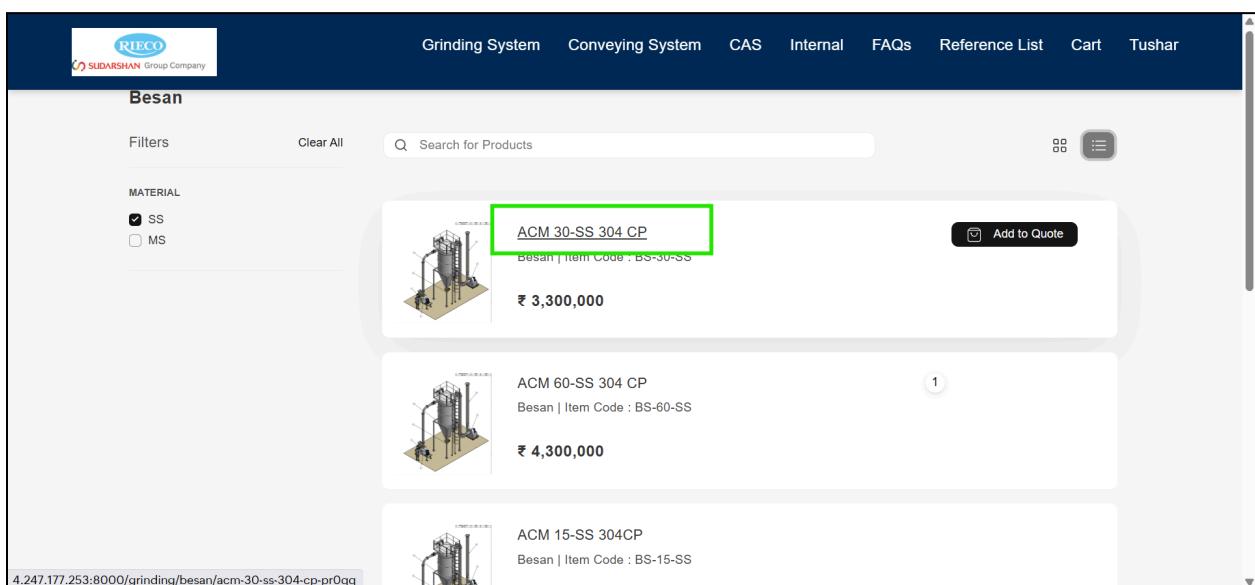
Grinding System Conveying System CAS Internal FAQs Reference List Cart Tushar

ACM 30-SS 304 CP
Besan
₹ 3,300,000
Add to Quote

ACM 60-SS 304 CP
Besan
₹ 4,300,000

2. From Product Details:

- Click on a product



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Grinding System Conveying System CAS Internal FAQs Reference List Cart Tushar

Besan

Filters Clear All Search for Products

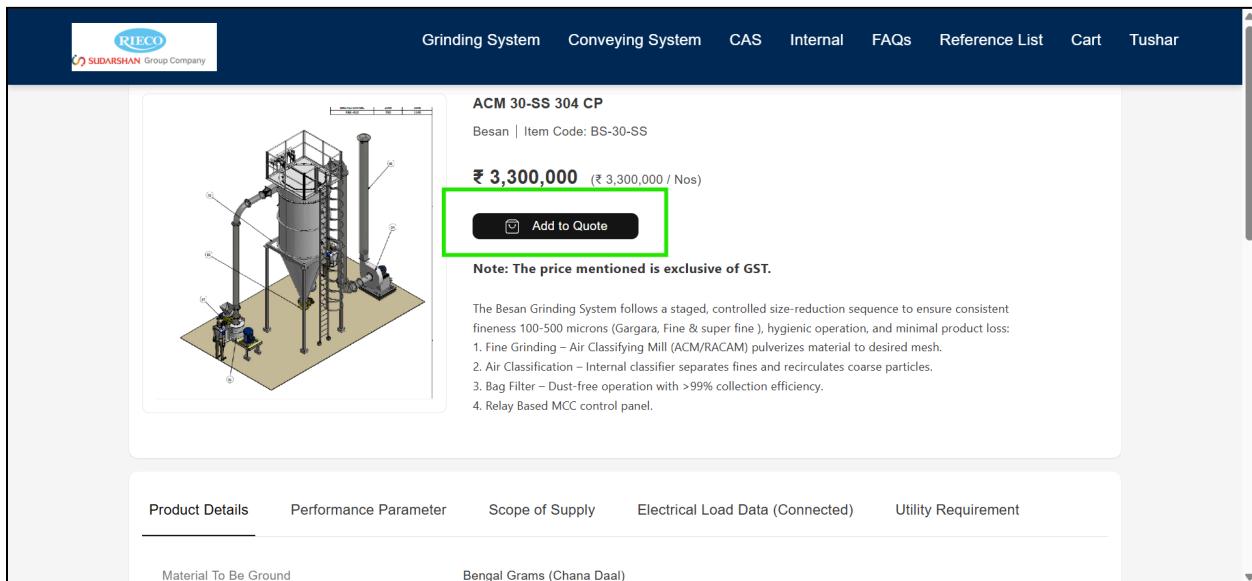
MATERIAL
 SS
 MS

ACM 30-SS 304 CP
Besan | Item Code : BS-30-SS
₹ 3,300,000
Add to Quote

ACM 60-SS 304 CP
Besan | Item Code : BS-60-SS
₹ 4,300,000

ACM 15-SS 304CP
Besan | Item Code : BS-15-SS

b. Click Add to Quote



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Grinding System Conveying System CAS Internal FAQs Reference List Cart Tushar

ACM 30-SS 304 CP
Besan | Item Code: BS-30-SS

₹ 3,300,000 (₹ 3,300,000 / Nos)

Add to Quote

Note: The price mentioned is exclusive of GST.

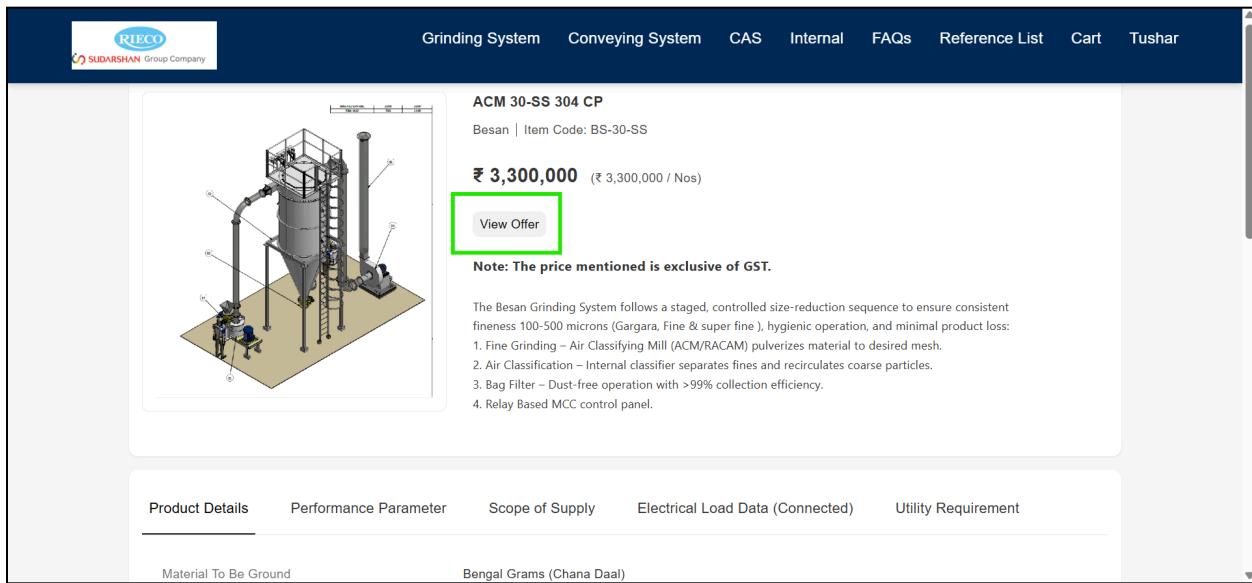
The Besan Grinding System follows a staged, controlled size-reduction sequence to ensure consistent fineness 100-500 microns (Gargara, Fine & super fine), hygienic operation, and minimal product loss:

1. Fine Grinding – Air Classifying Mill (ACM/RACAM) pulverizes material to desired mesh.
2. Air Classification – Internal classifier separates fines and recirculates coarse particles.
3. Bag Filter – Dust-free operation with >99% collection efficiency.
4. Relay Based MCC control panel.

Product Details Performance Parameter Scope of Supply Electrical Load Data (Connected) Utility Requirement

Material To Be Ground Bengal Grams (Chana Daal)

3. After adding a product, click View Offer or Go to Quote.



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Grinding System Conveying System CAS Internal FAQs Reference List Cart Tushar

ACM 30-SS 304 CP
Besan | Item Code: BS-30-SS

₹ 3,300,000 (₹ 3,300,000 / Nos)

View Offer

Note: The price mentioned is exclusive of GST.

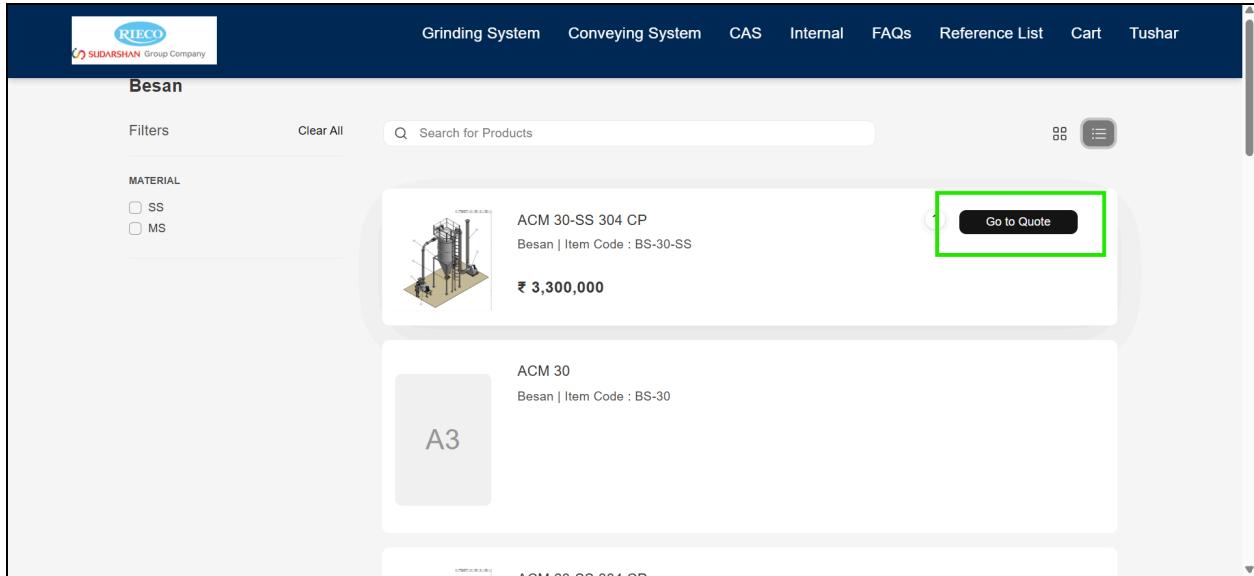
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Product Details Performance Parameter Scope of Supply Electrical Load Data (Connected) Utility Requirement

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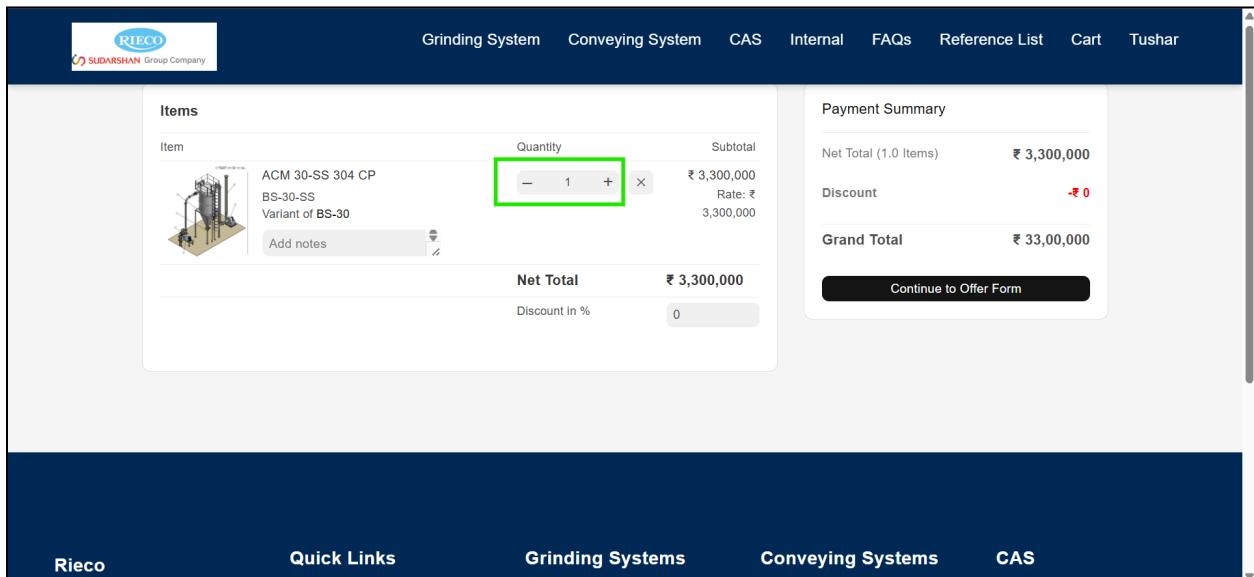
OR



The screenshot shows a search results page for 'Besan' on the Rieco website. The top navigation bar includes links for Grinding System, Conveying System, CAS, Internal, FAQs, Reference List, Cart, and Tushar. A search bar at the top right contains the text 'Search for Products'. Below the search bar, there are filters for 'MATERIAL' (SS and MS) and a 'Clear All' button. The search results list two items: 'ACM 30-SS 304 CP' (Besan | Item Code : BS-30-SS) and 'ACM 30' (Besan | Item Code : BS-30). The first item is highlighted with a green box around the 'Go to Quote' button. The price for the first item is ₹ 3,300,000.

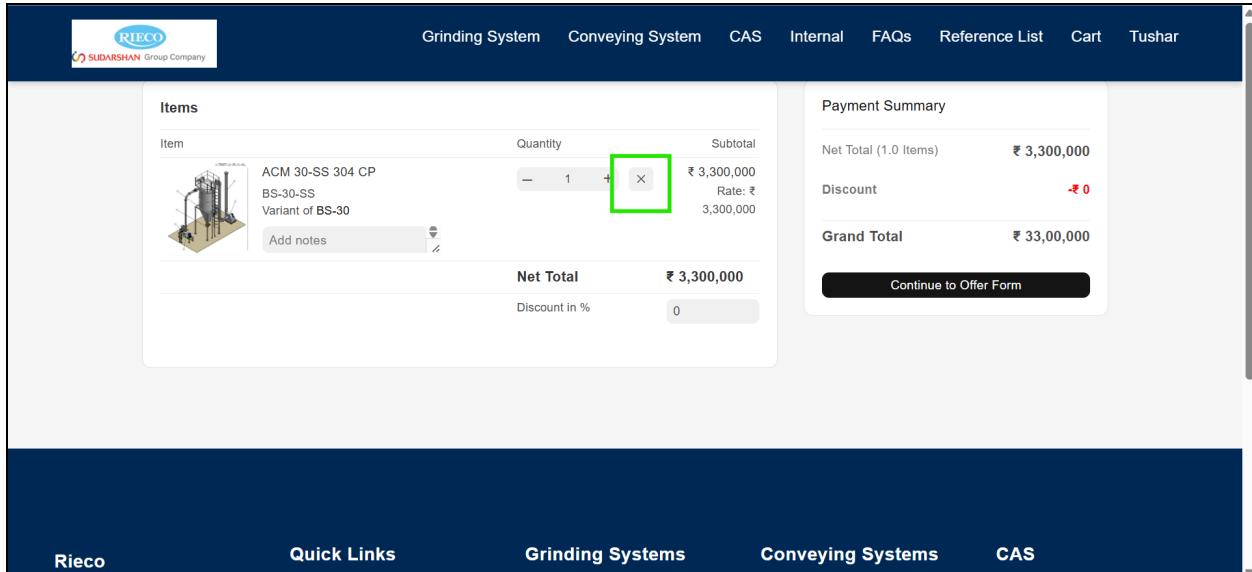
Step 5: Review Quote (Cart Page)

1. Increase or Decrease quantity using the "+" or "-" button if required.



The screenshot shows the Cart page on the Rieco website. The left panel displays the 'Items' section, which includes a table with columns for Item, Quantity, and Subtotal. A product row for 'ACM 30-SS 304 CP' (Variant of BS-30) is selected, with the quantity set to 1. The quantity input field is highlighted with a green box. The subtotal for this item is ₹ 3,300,000. The right panel shows the 'Payment Summary' with a total of ₹ 33,00,000. A 'Continue to Offer Form' button is visible at the bottom of the right panel.

2. Remove product by clicking on "X"



Items

Item	Quantity	Subtotal
ACM 30-SS 304 CP BS-30-SS Variant of BS-30	1	₹ 3,300,000 Rate: ₹ 3,300,000

Net Total ₹ 3,300,000

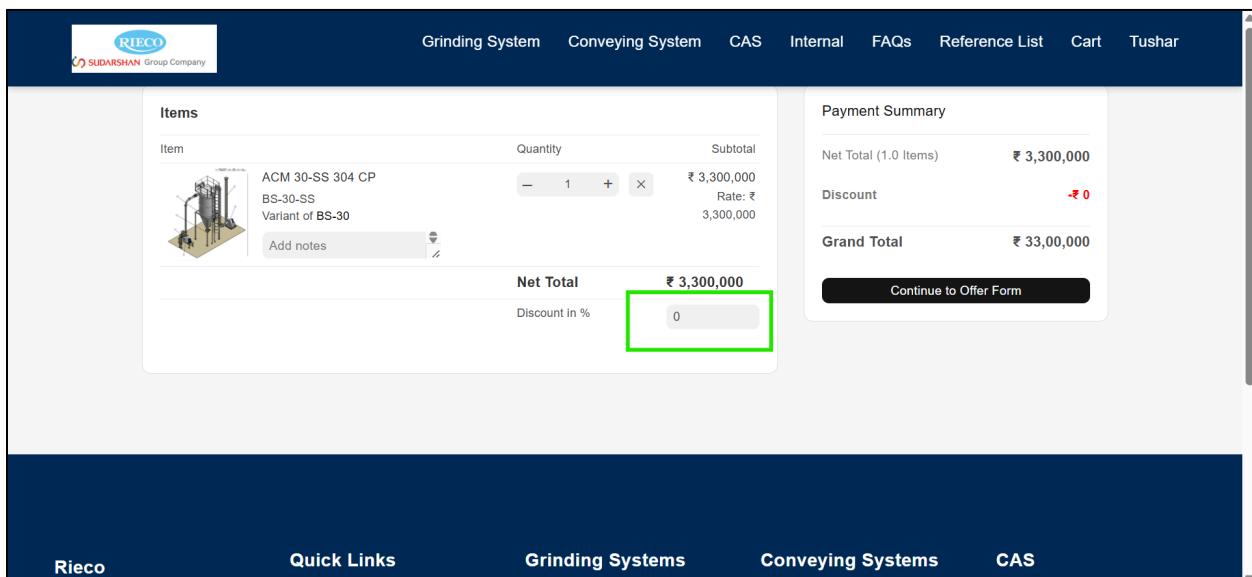
Discount in % 0

Payment Summary

Net Total (1.0 Items)	₹ 3,300,000
Discount	-₹ 0
Grand Total	₹ 33,00,000

[Continue to Offer Form](#)

3. Apply discounts in percentage, if applicable.



Items

Item	Quantity	Subtotal
ACM 30-SS 304 CP BS-30-SS Variant of BS-30	1	₹ 3,300,000 Rate: ₹ 3,300,000

Net Total ₹ 3,300,000

Discount in % 0

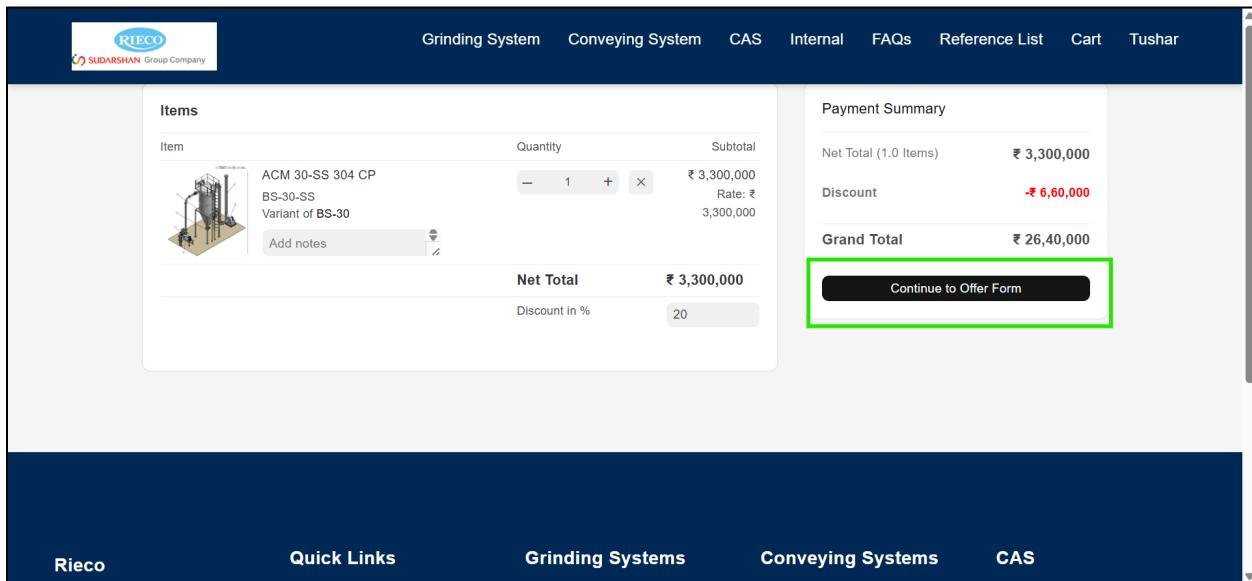
Payment Summary

Net Total (1.0 Items)	₹ 3,300,000
Discount	-₹ 0
Grand Total	₹ 33,00,000

[Continue to Offer Form](#)

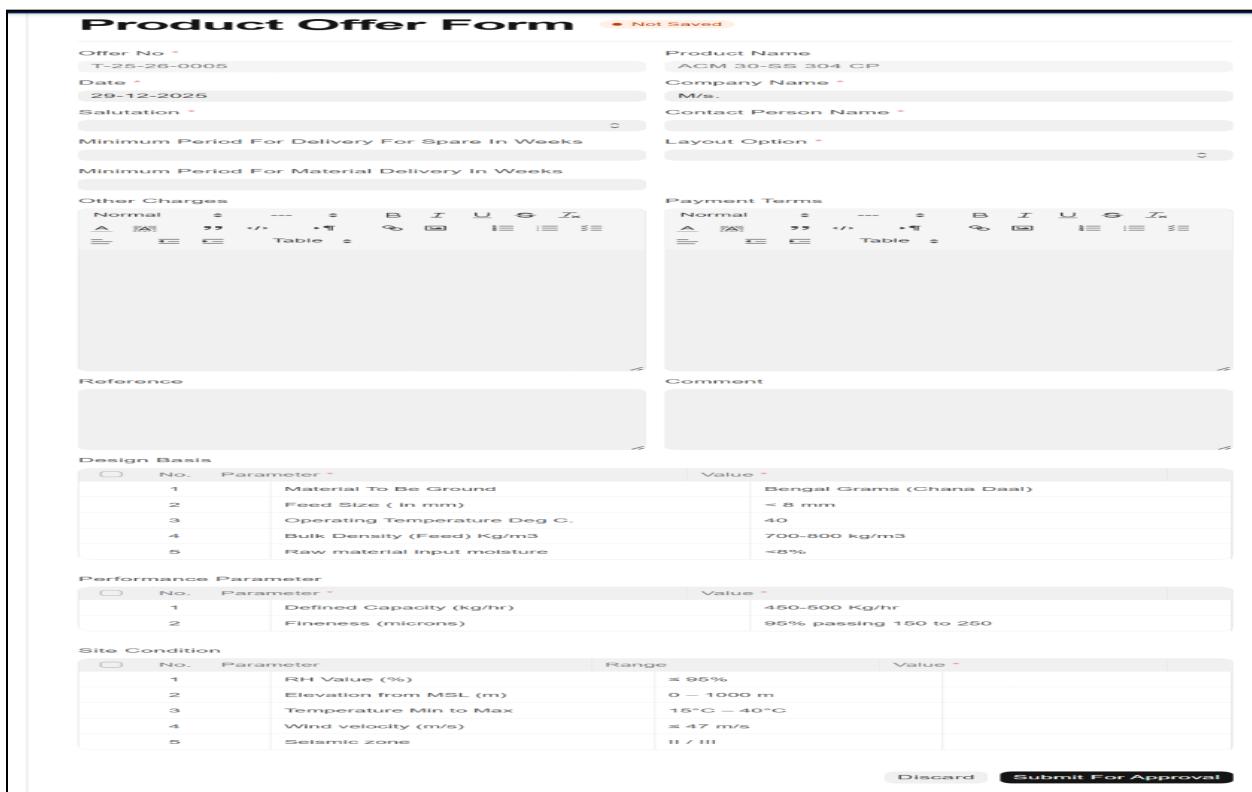
Step 6: Continue to Offer Form

1. Click Continue to Offer Form.



The screenshot shows the RIECO website's product configuration page. On the left, there's a 'Items' section with a table showing a single item: 'ACM 30-SS 304 CP' (Variant of BS-30). The quantity is set to 1, and the subtotal is ₹ 3,300,000. The 'Net Total' is ₹ 3,300,000, and there's a 'Discount In %' field set to 20. On the right, a 'Payment Summary' section shows a 'Net Total (1.0 Items)' of ₹ 3,300,000, a 'Discount' of ₹ 6,60,000, and a 'Grand Total' of ₹ 26,40,000. A large green box highlights the 'Continue to Offer Form' button at the bottom right of the payment summary area.

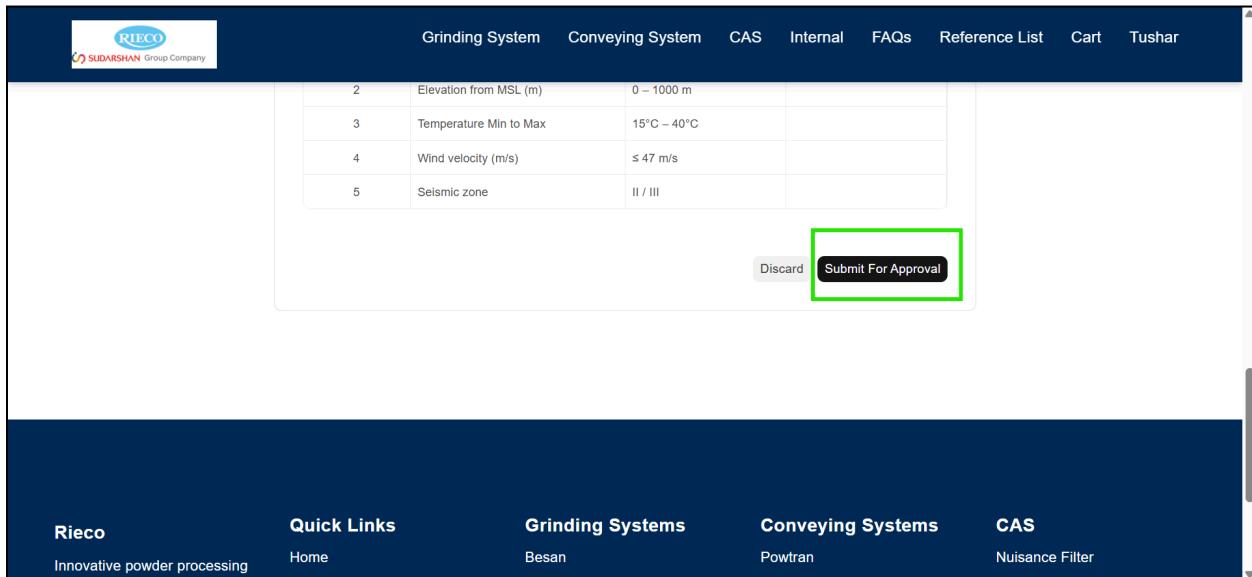
2. Add Customer Details and Update Other Charges, Payment Terms, product details on the form if needed.



The screenshot shows the 'Product Offer Form' page. At the top, it says 'Offer No.' (T-25-26-0005), 'Date' (29-12-2025), and 'Salutation'. To the right, it shows 'Product Name' (ACM 30-SS 304 CP), 'Company Name' (M/s. [redacted]), 'Contact Person Name' (redacted), and 'Layout Option'. Below these are sections for 'Minimum Period For Delivery For Spare In Weeks' and 'Minimum Period For Material Delivery In Weeks'. The 'Other Charges' and 'Payment Terms' sections both have a 'Normal' row and a 'Table' row. The 'Reference' and 'Comment' sections are empty. The 'Design Basis' section contains a table with rows for Material To Be Ground (Bengal Grams (Chana Daal)), Feed Size (in mm) (< 8 mm), Operating Temperature Deg C. (40), Bulk Density (Feed) Kg/m3 (700-800 Kg/m3), and Raw material input moisture (<8%). The 'Performance Parameter' section contains a table with rows for Defined Capacity (kg/hr) (450-600 Kg/hr) and Fineness (microns) (96% passing 150 to 250). The 'Site Condition' section contains a table with rows for RH Value (%), Elevation from MSL (m), Temperature Min to Max, Wind velocity (m/s), and Seismic zone. At the bottom right are 'Discard' and 'Submit For Approval' buttons.

Step 7: Submit for Approval

1. Click Submit for Approval to send the offer for approval.



The screenshot shows a form with five input fields for environmental conditions:

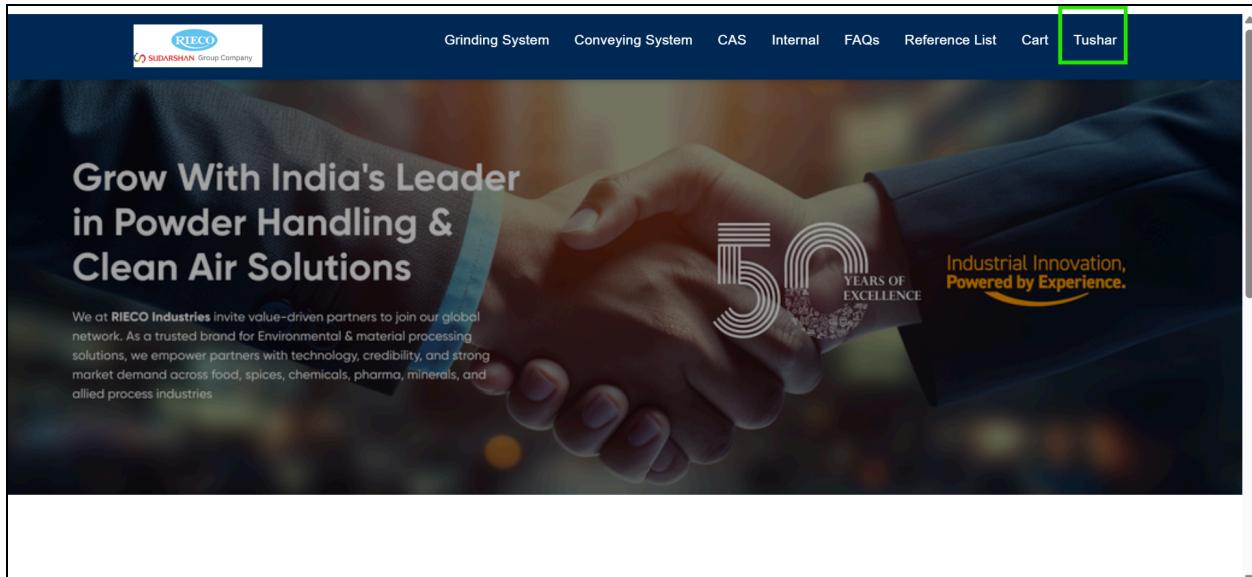
2	Elevation from MSL (m)	0 – 1000 m
3	Temperature Min to Max	15°C – 40°C
4	Wind velocity (m/s)	≤ 47 m/s
5	Seismic zone	II / III

Below the form are two buttons: "Discard" and "Submit For Approval". The "Submit For Approval" button is highlighted with a green box.

At the bottom of the page, there is a footer with the Rieco logo, "Innovative powder processing", "Quick Links" (Home), "Grinding Systems" (Besan), "Conveying Systems" (Powtran), and "CAS" (Nuisance Filter).

Step 8: View Submitted Offers

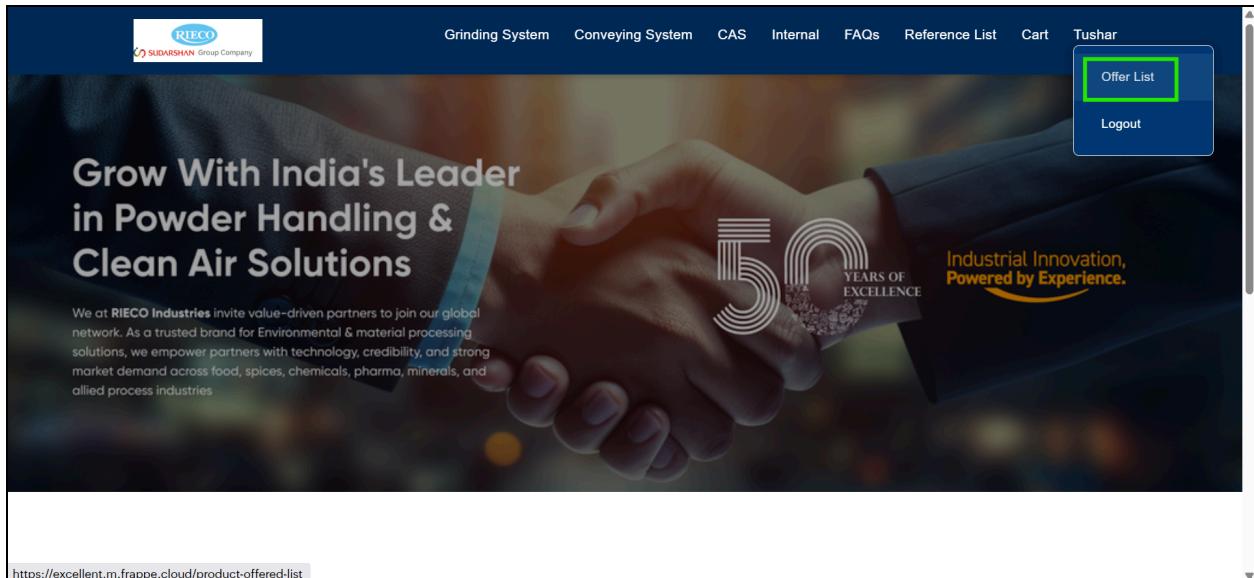
1. To Navigate to the Submitted Offers, Hover over the Username.



The screenshot shows a banner with the text "Grow With India's Leader in Powder Handling & Clean Air Solutions". Below the banner, there is a message about joining the global network and a "50 YEARS OF EXCELLENCE" logo. On the right, there is a tagline "Industrial Innovation, Powered by Experience.".

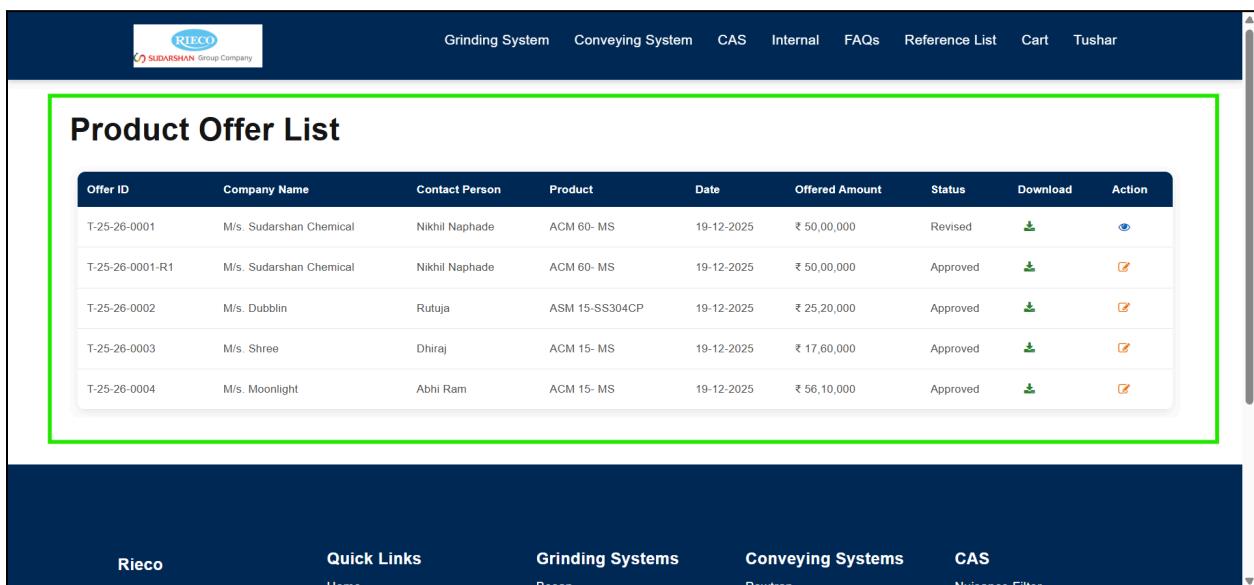
At the top, there is a navigation bar with the RIECO logo, "SUDARSHAN Group Company", and links for "Grinding System", "Conveying System", "CAS", "Internal", "FAQs", "Reference List", "Cart", and "Tushar". The "Tushar" link is highlighted with a green box.

2. Click on the Offer List



<https://excellent.m.frappe.cloud/product-offered-list>

3. View the list of all submitted offers with their current status: Pending, Approved, Revised, Rejected



Offer ID	Company Name	Contact Person	Product	Date	Offered Amount	Status	Download	Action
T-25-26-0001	M/s. Sudarshan Chemical	Nikhil Naphade	ACM 60- MS	19-12-2025	₹ 50,00,000	Revised		
T-25-26-0001-R1	M/s. Sudarshan Chemical	Nikhil Naphade	ACM 60- MS	19-12-2025	₹ 50,00,000	Approved		
T-25-26-0002	M/s. Dubblin	Rutuja	ASM 15-SS304CP	19-12-2025	₹ 25,20,000	Approved		
T-25-26-0003	M/s. Shree	Dhiraj	ACM 15- MS	19-12-2025	₹ 17,60,000	Approved		
T-25-26-0004	M/s. Moonlight	Abhi Ram	ACM 15- MS	19-12-2025	₹ 56,10,000	Approved		

Step 9: Revise an Approved Offer

1. Click on the **Edit** button of an approved offer from the submitted offers list.



[Grinding System](#)
[Conveying System](#)
[CAS](#)
[Internal](#)
[FAQs](#)
[Reference List](#)
[Cart](#)
[Tushar](#)

Product Offer List

Offer ID	Company Name	Contact Person	Product	Date	Offered Amount	Status	Download	Action
T-25-26-0001	M/s. Sudarshan Chemical	Nikhil Naphade	ACM 60- MS	19-12-2025	₹ 50,00,000	Revised		
T-25-26-0001-R1	M/s. Sudarshan Chemical	Nikhil Naphade	ACM 60- MS	19-12-2025	₹ 50,00,000	Approved		
T-25-26-0002	M/s. Dubblin	Rutuja	ASM 15-SS304CP	19-12-2025	₹ 25,20,000	Approved		
T-25-26-0003	M/s. Shree	Dhiraj	ACM 15- MS	19-12-2025	₹ 17,60,000	Approved		
T-25-26-0004	M/s. Moonlight	Abhi Ram	ACM 15- MS	19-12-2025	₹ 56,10,000	Approved		

2. Make the required changes.

Channel partner Offer Update ● Not Saved

Offer No	T-25-26-0001-R1
Date	19-12-2025
Salutation	Mr.
Minimum Period For Delivery For Spare	2 Week
Offered Amount	0
Comment	

Other Charges

Normal	---	B	I	U	Θ	T _x
A	☒	☒	☒	☒	☒	☒
Table	☒	☒	☒	☒	☒	☒
= = = = =						

I. Packing and Forwarding @ 4.0% of the quoted prices will be charged extra.
 II. Transit insurance shall be arranged by the Purchaser.
 III. Installation, commissioning, for erection and commissioning shall be as per agreed man days at per diem charge of **INR 16,000/day (Indian Rupees Sixteen Thousand Only per day)** (Normal working per day of eight hours, six days per week, excluding public holidays and including taxes and duties). These rates are applicable for contracts executed in India. The rates for foreign contracts will be as agreed in the SO.

Product Name	ACM 60- MS
Company Name	M/s. Sudarshan Chemical
Contact Person Name	Nikhil Naphade
Layout Option	Option 1
Minimum Period For Material Delivery	10-12 Weeks
Reference	

Payment Terms

Normal	---	B	I	U	Θ	T _x
A	☒	☒	☒	☒	☒	☒
Table	☒	☒	☒	☒	☒	☒
= = = = =						

- 50% Advance along with Purchase Order.
 - 50% Balanced Along with 100% Tax, before dispatch of material.

Design Basis

No.	Parameter	Value
1	Material To Be Ground	SOYA Untoasted
2	Feed Size (in mm)	≤ 6 mm
3	Operating Temperature Deg C.	40
4	Bulk Density (Feed) Kg/m3	450 kg/m3
5	Product BD	580 kg/m3
6	Raw material input moisture	8%

Performance Parameter

No.	Parameter	Value
1	Defined Capacity (kg/hr)	1000 Kg/hr
2	Fineness (microns)	Min. 95% passing 150 to 180

Site Condition

No.	Parameter	Range	Value
1	RH Value (%)	≤ 95%	90
2	Elevation from MSL (m)	0 – 1000 m	250
3	Temperature Min to Max	15°C – 40°C	18
4	Wind velocity (m/s)	≤ 47 m/s	45
5	Seismic zone	II / III	II

Back **Revised**

3. Click on Revise to Submit the revised offer for approval again.



The screenshot shows a web-based configuration tool for industrial systems. At the top, a navigation bar includes the RIECO logo, a 'SUDARSHAN Group Company' badge, and links for Grinding System, Conveying System, CAS, Internal, FAQs, Reference List, Cart, and Tushar. Below the navigation is a table with five rows of parameter settings:

No.	Parameter	Range	Value *
1	RH Value (%)	≤ 95%	90
2	Elevation from MSL (m)	0 – 1000 m	250
3	Temperature Min to Max	15°C – 40°C	18
4	Wind velocity (m/s)	≤ 47 m/s	45
5	Seismic zone	II / III	II

At the bottom of the table area are two buttons: 'Back' and 'Revise'. The 'Revise' button is highlighted with a green rectangular box.

The bottom of the page features a dark blue footer bar with the Rieco logo, Quick Links (Home), Grinding Systems (Besan), Conveying Systems (Powtran), and CAS (Nuisance Filter) sections.