

ZERO TOUCH PROCUREMENT.

An end-to-end autonomous pipeline that kills the spreadsheet, the follow-up email, and the manual award process. Simultaneously.

ONE TRIGGER. COMPLETE CONTROL.

Designed & architected
by Vansh Tripathi
March 2026.



BOTTLENECK

So I asked a different question.
Not "how do we make procurement
faster?" But "why does procurement
need a human at all?"

It doesn't.

Procurement teams are not slow because they lack tools.
They are slow because every tool they use requires a
human to operate it.
Someone sends the RFQ.
Someone chases the supplier.
Someone compares the quotes.
Someone issues the award.
The system does nothing unless a person pushes it.

HAS A NAME.

THE PROCESS WAS NEVER BROKEN. IT WAS JUST NEVER AUTOMATED.

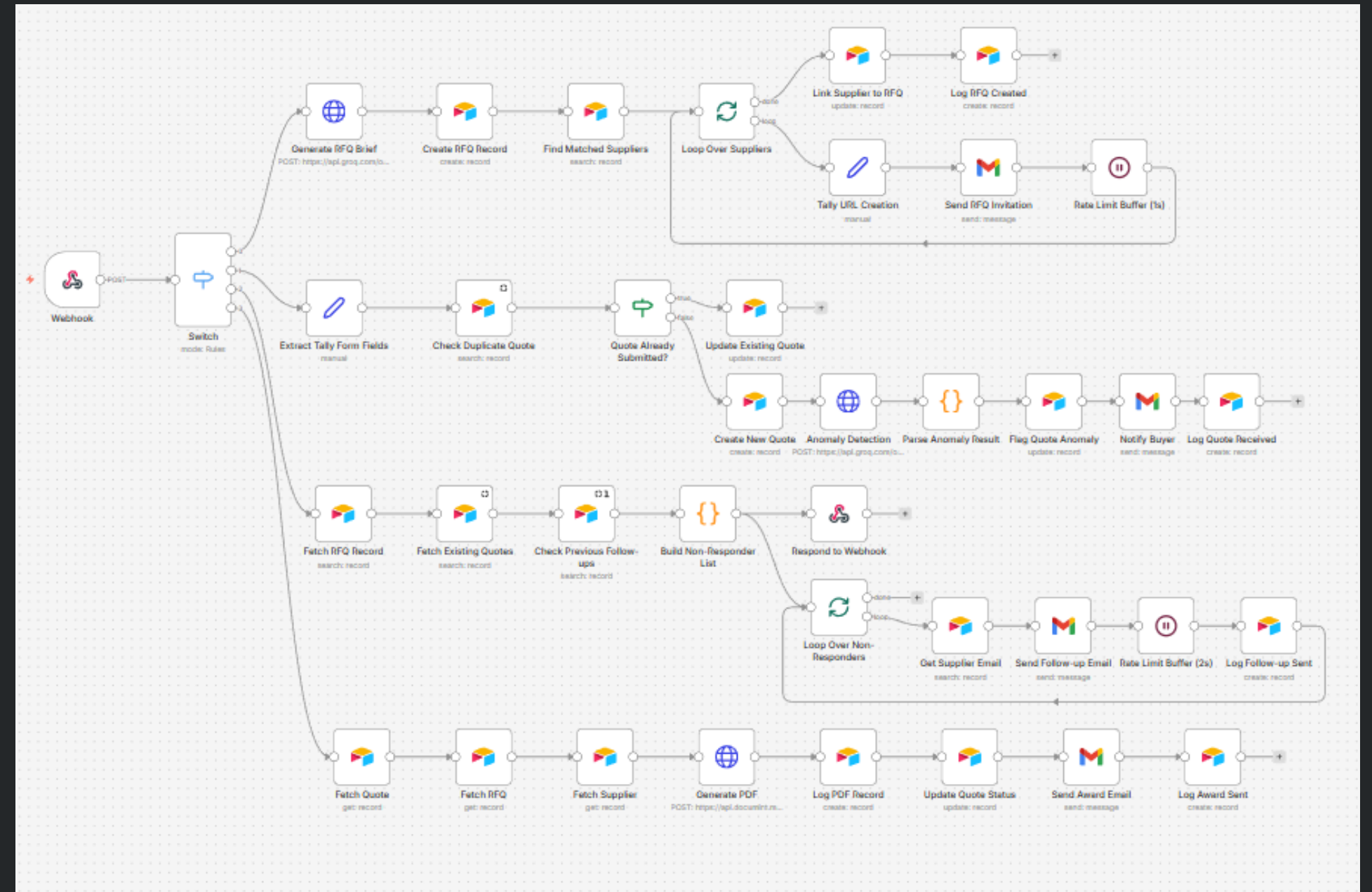


02 // THE SOLUTION

A SYSTEM THAT INVITES, FOLLOWS UP, AND AWARDS. BY ITSELF.

A single trigger kicks off the entire RFQ lifecycle. Suppliers get personalised invitations. Quotes get collected and scanned for anomalies. Non-responders get followed up automatically. The buyer only steps in to approve.

This is not a tool. It is a pipeline.



THE SYSTEM RUNS. THE BUYER WATCHES. NOBODY CHASES ANYONE.



THE SYSTEM REMEMBERS.

Every quote, every supplier, every anomaly flag, every follow-up sent. Logged automatically into Airtable in real time. The pipeline does not just run. It remembers everything it touched.

SUPPLIERS

A Name	A Email	A Phone
Prime Logistics	service@primelogistics.com	+1-555-2468
GreenField Supplies	hello@greenfield.com	+1-555-1357
TechnoHub	techno@hub.com	+1-555-9753
BluePeak Industries	contact@bluepeak.com	+1-555-1122
CargoFlex Solutions	info@cargoflex.com	+1-555-3344

AUDIT LOG

🕒 Action	📝 Notes	📅 Timestamp
Sent to Suppliers	RFQ sent to matched suppl...	3/17/2026 11:49am
Quote Received	Quote submitted by suppli...	3/17/2026 11:59am
Sent to Suppliers	RFQ sent to matched suppl...	3/17/2026 12:03pm
Follow-up Sent	"Triggered manually from f...	3/17/2026 12:04pm
Awarded	Action: Quote Awarded RF...	3/17/2026 12:56pm

QUOTES

🔗 Linked Supplier	💰 Unit Price	# Lead Time in Days	📄 Status	🚩 Anomaly Flag	📝 Anomaly Reason
TechnoHub	\$18.00	12	Shortlisted		
BluePeak Industries	\$15.00	10	Shortlisted		
Prime Logistics	\$4.00	3	Received		
GreenField Supplies	\$6.00	7	Declined		
CargoFlex Solutions	\$95.00	3650	Received	🚩	Lead time is excessively hig

RFQS

A Title	📂 Category	📄 Buyer Description	📅 Deadline
Industrial IoT Sensors Proc...	Electronics	Looking to procure 500 ind...	3/30/2026
Warehouse to Retail Distrib...	Logistics	Require logistics partner fo...	3/28/2026
Bulk Aluminum Sheet Supply	Raw Materials	Looking for suppliers of 2m...	3/29/2026
Cold Chain Transportation ...	Logistics	Seeking logistics provider f...	4/5/2026
Microcontroller Units (MCU...	Electronics	Need 1000 units of ARM-b...	3/29/2026

AWARDS

🔗 Linked Quote	🔗 Linked Supplier	📄 PO Document	📅 Award Date
63	TechnoHub		3/7/2026
67	GreenField Supplies		3/9/2026
65	BluePeak Industries		3/12/2026
64	CargoFlex Solutions		3/14/2026
67	Prime Logistics		3/15/2026

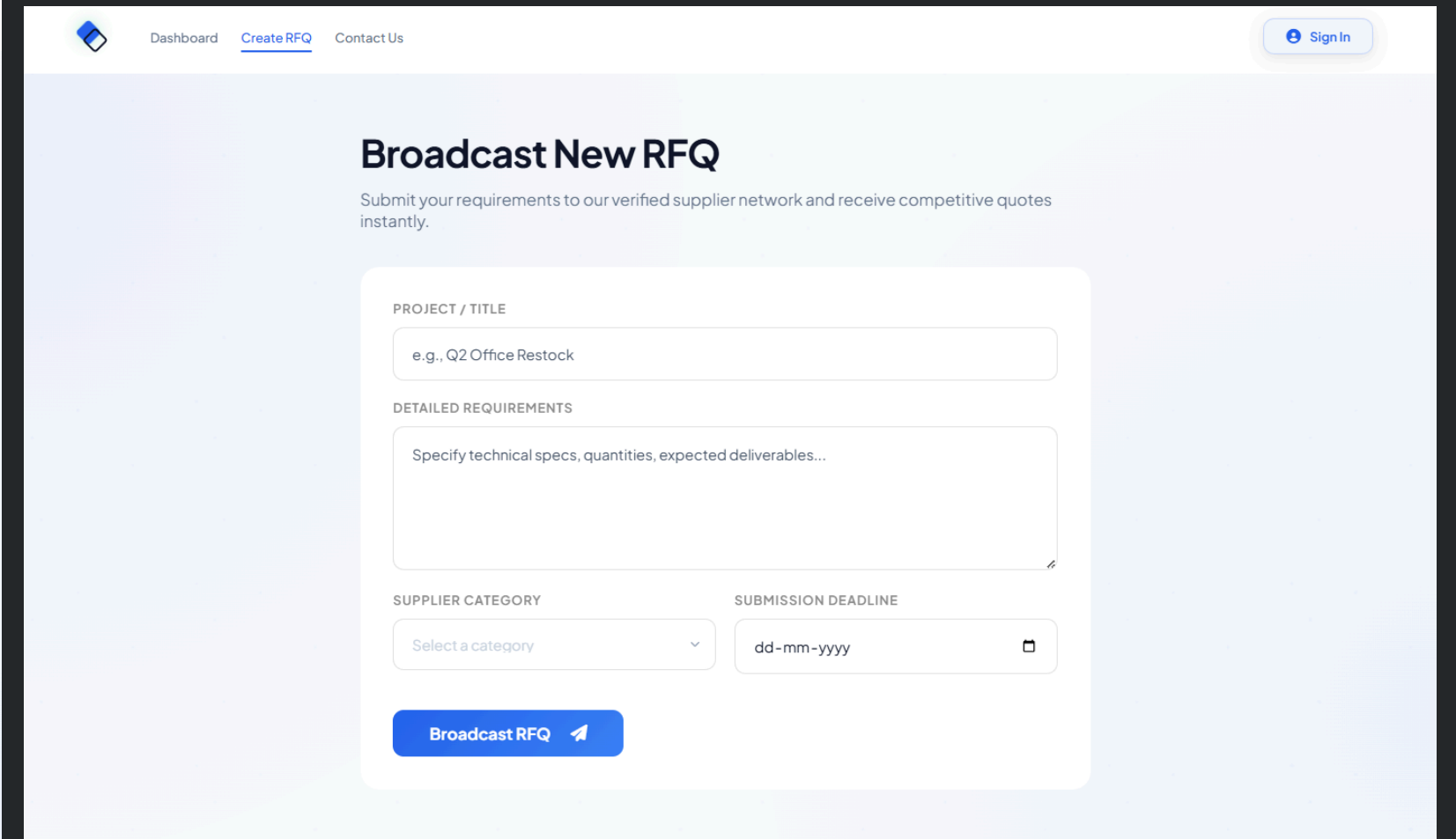
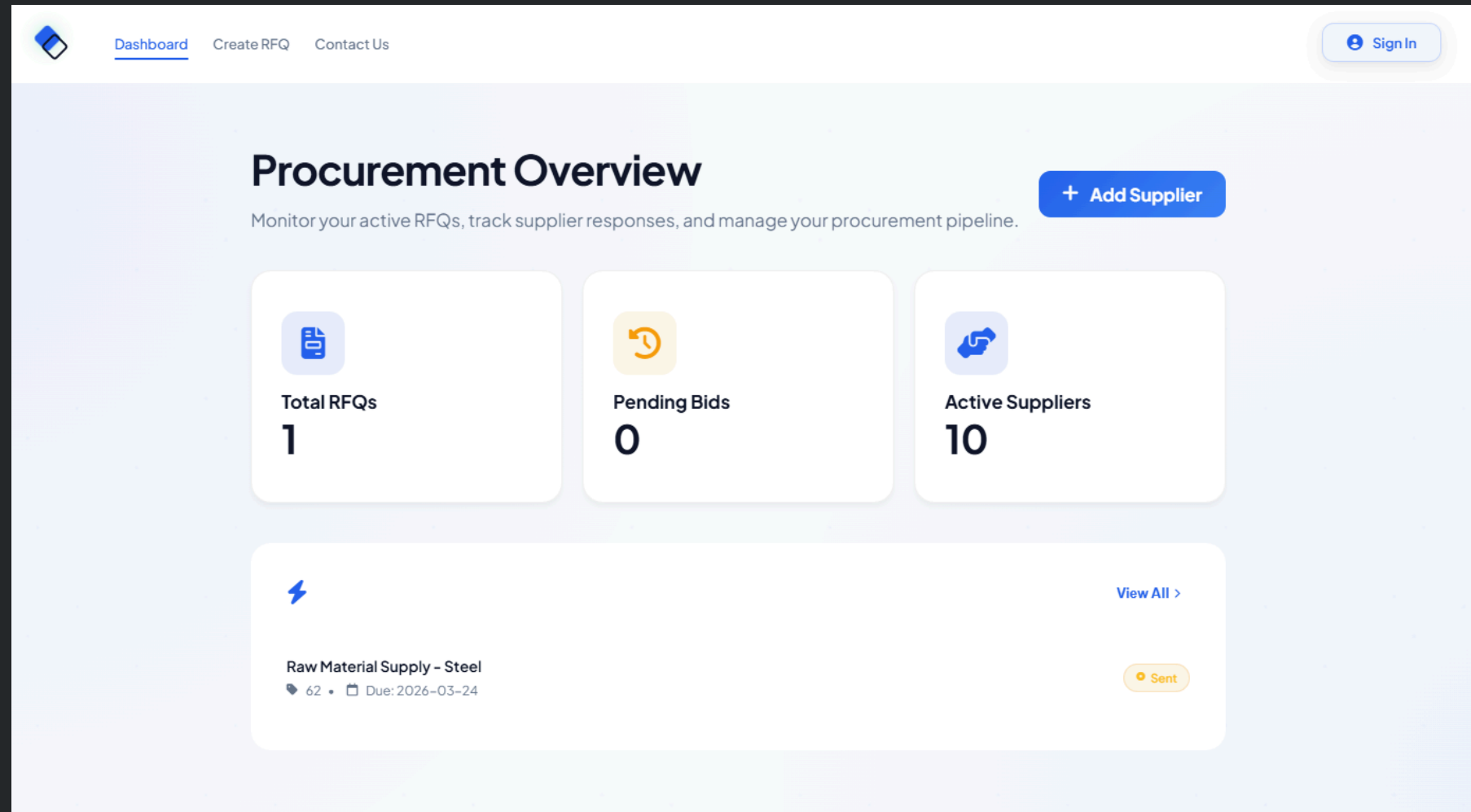
EVERY ACTION LOGGED. EVERY RECORD INTACT. NOTHING FORGOTTEN.



ONE SCREEN.

The backend runs four simultaneous pipelines. The experience is a single screen. Enter the RFQ details. Click once. Supplier matching, invitation sending, anomaly scanning, follow-up scheduling all fire simultaneously. No tab switching. No copy pasting. No wondering if it worked.

It already did.



COMPLEX BACKEND. EMBARRASSINGLY SIMPLE FRONTEND.



04 // THE INTERFACE

FOLLOW UP. AWARD. MOVE ON.

The system tracks every non-responder. One click sends a chaser to all of them. When quotes arrive, the buyer sees price, lead time and notes side by side. Award with one click. The PO pipeline fires automatically.

Microcontroller Units (MCU) Purchase

#77 Due: 2026-03-29 Sent

BUYER DESCRIPTION

Need 1000 units of ARM-based microcontrollers (STM32 or equivalent). Should include datasheets, pricing, lead time, and compatibility with embedded systems. Preference for suppliers with prior industry experience.

QUOTES RECEIVED Sort by...

No quotes yet.

[Send Follow-ups](#)

Industrial IoT Sensors Procurement

#73 Due: 2026-03-30 Sent

BUYER DESCRIPTION

Looking to procure 500 industrial IoT temperature and humidity sensors with WiFi connectivity. Devices must support real-time monitoring, API integration, and operate in harsh environments (-10°C to 60°C). Include warranty details and bulk pricing.

QUOTES RECEIVED Sort by...

TechnoHub	\$18
12 days	
Bulk pricing applied, includes calibration support	
Award Quote	
BluePeak Industries	\$15
10 days	
Quote reviewed. Awaiting further clarification from supplier.	
Award Quote	

[Send Follow-ups](#)

THE BUYER MAKES ONE DECISION. THE SYSTEM DOES EVERYTHING ELSE.



05 // THE DIFFERENCE

PROCUREMENT REIMAGINED.

Procurement software has existed for decades. Yet every procurement team still has someone whose job is to chase, remind, compare, and follow up. Nobody questioned why. This did.

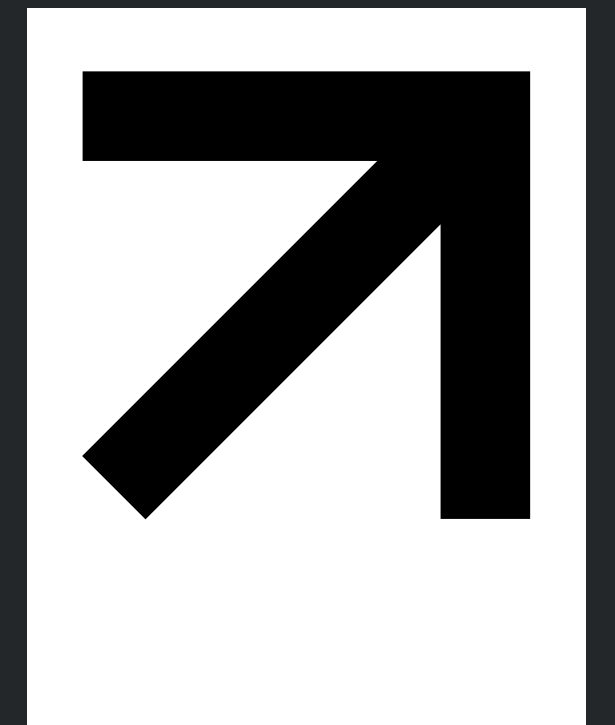
The problem was never a lack of tools. It was that every tool lived in its own world. One for emails. One for tracking. One for approvals. One for documents. And someone spending their day moving information between all of them. This system puts everything in one place.

BEFORE	AFTER
<p>01 Create the RFQ Opens a spreadsheet. Types requirements. Finds supplier contacts manually.</p>	<p>01 Buyer fills one form Title · Requirements · Deadline · Category. One click. Pipeline fires.</p>
<p>02 Send the RFQ Copies emails. Writes individual messages. Attaches documents one by one.</p>	<p>02 n8n matches and invites suppliers Airtable lookup · Unique Tally URLs · Gmail invites sent automatically.</p>
<p>03 Chase suppliers Checks who hasn't replied. Sends follow-up emails. Waits. Chases again.</p>	<p>03 System follows up automatically Non-responders identified · Chaser sent · Rate limited · Logged.</p>
<p>04 Compare quotes Copies prices into a spreadsheet. Checks lead times. Flags red flags manually.</p>	<p>04 Groq scans every quote Price · Lead time · Notes analysed. Anomalies flagged. Buyer alerted.</p>
<p>05 Issue the award Drafts award email. Attaches PDF manually. Sends. Updates the spreadsheet.</p>	<p>05 Buyer clicks Award PDF generated · Award email sent · Everything logged in Airtable.</p>
<p>MANUAL. SLOW. FORGETTABLE.</p>	<p>BUILT TO RUN. NOT TO BE MANAGED.</p>

THE PROCESS WAS ALWAYS SIMPLE. EXECUTION WASN'T.



THANKYOU



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Let's build smarter systems.

