MCP SERVER | NO CODE | CLOUD HOSTED

Catering Quote Builder MCP.

Turn event details into accurate, profitable customer quotes.

Catering Quote Builder MCP gives your AI client the math it needs to price events. It handles everything from ingredient costs and staffing expenses to equipment rentals and final tax calculations. Instead of manual spreadsheets, you use your agent to build complete, margin-aware quotes in seconds.

A+ Quality Score 100/100

catering | pricing | quotes | profit | event-planning

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vinkius.com/en/ai-agent-connect/catering-quote-builder

SCAN TO VIEW

The connectivity layer between AI and the world's software.

Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the connectivity layer where AI connects to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

> *The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.*
>
> — Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT

```
https://edge.vinkius.com/{token}/mcp
```

Claude · Cursor · VS Code · Windsurf · Grok · Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1) Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

> Get started at **cloud.vinkius.com** — connect your AI agent in under 60 seconds.

Catering Quote Builder MCP

4 tools available
Cloud-hosted on Vinkius

Pricing an event shouldn't feel like guesswork. This MCP gives your AI client the specific tools it needs to handle the heavy lifting of catering math. You can pull ingredient costs through get_menu_pricing to ensure your food margins are protected. When it comes to the human element, calculate_service_labor handles the math for your crew's hours and rates. You won't miss the small stuff either, because calculate_logistics_and_rentals accounts for the gear and delivery needs of the job. Once the numbers are set, generate_final_quote pulls every data point together into a professional quote that includes your target margins and local taxes. It turns your AI client into a specialized pricing engine that understands the real costs of running a catering business.

Core Capabilities

01 — Ingredient Costing

Your agent uses this to find exact pricing for menu items.

02 — Staffing Math

The AI calculates total payroll expenses for event crews.

03 — Logistics Calculation

Your agent determines the cost of rentals and delivery services.

04 — Margin Management

The tool applies specific profit targets to your subtotal.

05 — Tax Application

Your agent adds the correct tax percentages to the final quote.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/en/ai-agent-connect/catering-quote-builder** — connect your AI agent in three steps.

01 Connect your AI client to the Vinkius hosted MCP.

02 Provide your agent with event details like guest count and menu items.

03 The agent runs the specific math tools for food, labor, and logistics.

04 The agent generates a final, tax-inclusive quote for your customer.

Connecting this MCP to your AI client gives it immediate access to your pricing logic.

Built For

This MCP is built for catering professionals who want to move away from manual pricing sheets. It lets you hand off the math to your AI client.

Catering Managers

They hand off event specs to the AI to get quick price estimates.

Event Planners

They use the tool to verify if a vendor's quote fits their budget.

Small Business Owners

They use the AI to ensure every quote maintains a healthy profit margin.

What Changes When You Connect

01 Reduces manual entry errors in pricing spreadsheets.

02 Protects profit margins by calculating exact costs before quoting.

03 Speeds up the quote turnaround time for new inquiries.

04 Centralizes food, labor, and logistics math in one place.

Real-World Applications

Rapid Event Quoting

When a client asks for a price, you give the details to your agent to get a quote immediately.

Margin Verification

Check if a proposed menu will actually meet your profit goals after labor and rentals are added.

Staffing Budgeting

Determine exactly how much you can afford to pay your crew based on the event's total budget.

Menu Costing

Update your menu prices as ingredient costs change to keep your pricing current.

Patterns to Avoid

Guessing ingredient costs

AVOID

You tell your agent to estimate the cost of salmon based on last year's prices. This leads to thin margins when market prices spike.

✓ INSTEAD

Always use get_menu_pricing to pull current, accurate ingredient costs before you build your menu.

Ignoring hidden logistics fees

AVOID

You build a quote based only on food and labor, forgetting the cost of renting linens or driving to the venue.

✓ INSTEAD

Run your numbers through calculate_logistics_and_rentals to ensure every rental and delivery fee is covered.

Manual tax and margin math

AVOID

You try to add a 20% margin and local sales tax using a handheld calculator after the AI gives you a subtotal.

✓ INSTEAD

Let generate_final_quote handle the math by applying your specific profit targets and tax rates automatically.

The Right Fit

Catering professionals and event planners should connect this MCP if they want to stop using manual spreadsheets for pricing. Small businesses that need to protect their margins should use it. If you prefer calculating every line item by hand and don't mind the risk of math errors, you don't need this.

Catering Quote Builder 4 Tools

These tools handle the heavy lifting for food costs, staffing, logistics, and final quote generation.

#	TOOL	DESCRIPTION
01	`calculate_logistics_and_rentals`	This tool handles the math for equipment and delivery needs. It calculates the costs associated with rentals and getting your gear to the venue.
02	`calculate_service_labor`	Use this to figure out staffing expenses. It calculates total labor costs based on your crew size, hourly rates, and shift duration.
03	`generate_final_quote`	This tool compiles all your pricing data into a finished customer quote. It applies your target profit margins and necessary taxes to the subtotal.
04	`get_menu_pricing`	This tool retrieves specific ingredient costs. It provides the unit pricing needed to build accurate food cost models.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

U What is the cost for a salmon portion?

The unit cost for the salmon portion is $12.50.

U Calculate labor for 4 staff members at $25/hour for 5 hours.

The total labor cost is $500.00.

U Generate a quote for 50 guests with a $2000 subtotal, 15% margin, and 8% tax.

The final customer quote is $2,592.00, with a total profit of $300.00.

Frequently Asked Questions

01 **How do I use this MCP with my AI client?**

You connect your client, such as Claude or Cursor, to Vinkius. Once connected, your agent can see and use the pricing tools automatically.

02 **Can I set specific profit margins?**

Yes. The generate_final_quote tool allows you to specify a target margin to ensure your quotes are profitable.

03 **Does this handle labor costs?**

Yes. The calculate_service_labor tool calculates total staffing expenses based on the number of workers and their rates.

04 **Is this for large catering companies or small ones?**

It is designed for any catering professional who needs to turn event details into accurate quotes quickly.

05 **What happens if ingredient prices change?**

You can use the get_menu_pricing tool to pull the most current ingredient costs into your calculations.

06 **How do I calculate the total cost for my event?**

You can use `calculate_service_labor` for staff costs and `calculate_logistics_and_rentals` for equipment, then combine them with menu costs using `generate_final_quote`.

07 **Can I include taxes in the final quote?**

Yes, the `generate_final_quote` tool allows you to specify a `taxRatePercent` to ensure the customer quote is accurate.

08 **How is profit calculated?**

Profit is calculated by taking the customer quote (excluding taxes) and subtracting all internal costs like food, labor, and logistics.

Go Live in 60 Seconds

Get your connection token from **cloud.vinkius.com**, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

```
https://edge.vinkius.com/[TOKEN]/mcp
```

CLIENT	WHERE TO CONFIGURE
Claude AI	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
Cursor	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
VS Code	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add `"catering-quote-builder": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → Add endpoint URL
ChatGPT	Settings → Tools & plugins → Add MCP server → Paste endpoint
Gemini	Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI ABOUT THIS

Let your preferred AI explain this MCP server

- Ask ChatGPT
- Ask Claude
- Ask Perplexity
- Ask Gemini
- Ask Grok

READY TO CONNECT

Catering Quote Builder is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and start building. No SDK. No deployment. Just results.

Start at cloud.vinkius.com →

vinkius.com · support@vinkius.com

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Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

LICENSE & USAGE

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