
ONE AGENT PACKAGE · ONE GUIDED WORKFLOW

1102tools Agent Setup

Choose the federal acquisition job in front of you, install one agent, and describe the work in ordinary language. The agent brings its workflow and federal data connections with it.



Codex

Desktop and CLI



Claude Code

Plugin marketplace

Covers

Five agent previews

Codex · Claude Code

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This guide is only for packaged 1102tools agents. You do not need to choose or install their internal components separately.

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The two-minute version

1. **Choose one agent** from the table on the next page.
2. **Choose one supported client:** Codex or Claude Code.
3. **Run the two install commands** for that client.
4. **Start a fresh session** and describe the work in ordinary language.

No prompt library required

A broad request opens the agent's workflow menu. A clear request routes directly to the right mode. The agent asks for missing facts, shows required approvals, and stops at decisions that still belong to you.

You are installing an **agent package**, not assembling a collection of technical parts. Each package already contains its workflow, validation instructions, and the federal source connections used by that job.

Five agents are currently available as public previews. Install only the agent you need. The current source, versions, and testing records live at:

github.com/1102tools-dev/federal-contracting-agents

Before you begin

You need Git, Python 3.10 or later, and `uvx`. On macOS or Linux, confirm with `git --version`, `python3 --version`, and `uvx --version`. If `uvx` is missing, install [uv](#) first.

Choose your agent

AGENT	USE IT FOR	EXPECTED RESULT
Market Research market-research-agent	FAR Part 10 research, commerciality, competition, small-business availability, and market conditions.	Sourced chat findings or a validated market research report.
Pre-Award pre-award-agent	SOW/PWS development, FFP/LH/T&M/CR IGCEs, or the complete scope-to-pricing workflow.	A validated requirements document, an auditable estimate, or both.
GovCon Growth govcon-growth-agent	Opportunity, competitor, recompetete, teaming, agency, market, and pricing intelligence.	Sourced findings or an optional GovCon Growth Brief.
Other Transaction other-transaction-agent	Milestone-based OT project descriptions, cost analysis, or end-to-end scope-to-cost work.	A validated project description, cost workbook, or both.
Acquisition Policy acquisition-policy-agent	Codified rules, RFO status, agency deviations, rulemakings, comment periods, and policy impacts.	Sourced policy findings or a validated Acquisition Policy Impact Brief.

If two agents appear relevant

Start with the earlier job in your workflow. Market Research can prepare a handoff for Pre-Award. A Pre-Award scope can feed its own pricing workflow. The agents will tell you when a different package is the better next step.

Research approval: Market Research and GovCon Growth ask before using public-web research. You can approve the proposed search, choose a native-only path, or continue without public-web research.

Acquisition Policy boundary

The Acquisition Policy Agent reports what published sources document. It does not provide legal advice or make a procurement-specific applicability determination. Review its testing record before relying on a client-specific capability.

Install in Codex

This path supports Codex Desktop and Codex CLI. Open Terminal and add the 1102tools repository marketplace once:

```
codex plugin marketplace add 1102tools-dev/federal-contracting-agents --ref main
```

Then install the agent you selected. Use `market-research-agent`, `pre-award-agent`, `govcon-growth-agent`, `other-transaction-agent`, or `acquisition-policy-agent`:

```
codex plugin add AGENT@1102tools
```

Example:

```
codex plugin add market-research-agent@1102tools
```

Finish the installation

1. Close the current Codex task.
2. Start a new task so Codex reloads the agent and its available connections.
3. Enter a normal request, such as *"I need help with acquisition market research."*

Codex verification

If the agent does not respond with its menu, invoke the workflow explicitly using the command in *Start the workflow*. A successful package listing alone does not prove that the new task loaded it.

Install in Claude Code

Open Terminal and add the 1102tools plugin marketplace once:

```
claude plugin marketplace add 1102tools-dev/federal-contracting-agents
```

Then install the agent you selected. Use `market-research-agent`, `pre-award-agent`, `govcon-growth-agent`, `other-transaction-agent`, or `acquisition-policy-agent`:

```
claude plugin install AGENT@1102tools
```

Example:

```
claude plugin install pre-award-agent@1102tools
```

Finish the installation

1. Start a fresh Claude Code session.
2. Describe the job in ordinary language.
3. If needed, use the explicit command in *Start the workflow*.

Claude Desktop is not this path

The supported packaged-agent path is Claude Code. A different Anthropic client may be technically compatible, but it is not covered or tested by this guide.

Start the workflow

You do not need a carefully engineered prompt. A plain request is enough:

"Help me conduct market research for a cloud migration requirement."

"Help me create a help-desk PWS and associated IGCE."

"Find and evaluate federal opportunities for a small cybersecurity firm."

"Help me develop and cost a prototype Other Transaction."

"As of today, determine my agency's documented status for FAR Part 10."

A vague request should open the complete menu. A clear request may route directly. The agent then asks for missing documents, facts, dates, source approvals, and user decisions.

Explicit fallback commands

AGENT	CODEX	CLAUDE CODE
Market Research	<code>\$market-research-workflow</code>	<code>/market-research-agent:market-research-workflow</code>
Pre-Award	<code>\$pre-award-workflow</code>	<code>/pre-award-agent:pre-award-workflow</code>
GovCon Growth	<code>\$govcon-growth-workflow</code>	<code>/govcon-growth-agent:govcon-growth-workflow</code>
Other Transaction	<code>\$other-transaction-workflow</code>	<code>/other-transaction-agent:other-transaction-workflow</code>
Acquisition Policy	<code>\$acquisition-policy-workflow</code>	<code>/acquisition-policy-agent:acquisition-policy-workflow</code>

Keep approvals in the conversation

The agent may stop for scope approval, source-plan approval, contract-type confirmation, public-web approval, or artifact approval. Those stops are part of the workflow, not errors.

Keys, verification, and troubleshooting

Add credentials only when the job needs them

AGENT	CREDENTIAL	WHEN IT IS NEEDED
Market Research GovCon Growth	<code>SAM_API_KEY</code>	SAM.gov entity, opportunity, exclusion, or award research.
Pre-Award Other Transaction	<code>BLS_API_KEY</code>	Recommended for wage research.
Pre-Award Other Transaction	<code>PERDIEM_API_KEY</code>	Only when travel is priced.
Acquisition Policy	<code>REGULATIONS_GOV_API_KEY</code>	Recommended for Regulations.gov docket and public-comment research; the limited <code>DEMO_KEY</code> fallback remains available.

Export the needed key in the terminal that launches your client, or use the client's credential surface. Do not paste credentials into an ordinary chat message.

```
export SAM_API_KEY="your-key"
export BLS_API_KEY="your-key"
export PERDIEM_API_KEY="your-key"
export REGULATIONS_GOV_API_KEY="your-key"
```

Quick checks

- **No menu:** start a new session and use the explicit workflow name.
- **Command not found:** confirm the client, Git, and `uvx` are on `PATH`.
- **Data connection unavailable:** confirm the needed key is present in the launching environment, then restart the client.
- **Artifact cannot be built:** let the agent offer a reduced-scope chat result; do not accept a fabricated file.

Support boundary

1102tools currently documents these two packaged-agent paths and tests them against the release gates recorded with each agent:

- **Codex Desktop and CLI**
- **Claude Code**

Other clients may support compatible agent-package conventions. They are not currently part of the 1102tools test matrix or installation support commitment. If you use another client, installation and troubleshooting are self-supported.

Public-preview boundary

These packages assist with documented research, workflow control, and validated artifacts. They do not replace a Contracting Officer, Agreements Officer, legal counsel, or another authorized decision-maker. Review the linked testing record for each agent before relying on a client-specific capability.

Agent source and testing records:

github.com/1102tools-dev/federal-contracting-agents

Website:

1102tools.com/tools