

Construction Tech Startup Wyre AI Raises \$5M Seed Round Led by Ironspring Ventures to Power the Future of Preconstruction Risk Management

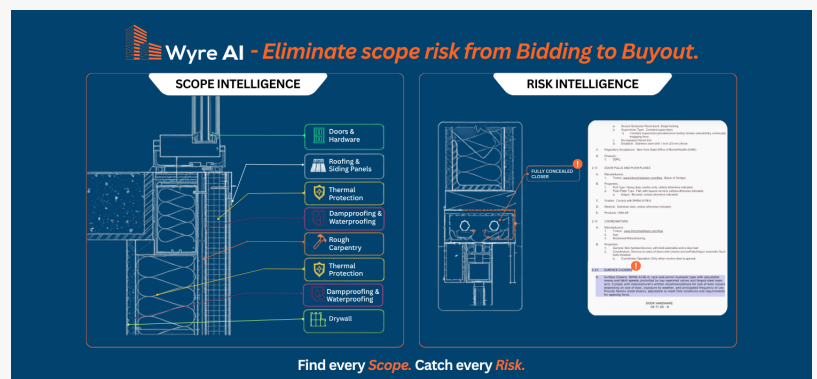
Repeat contech founder Sunil Dorairajan brings AI-powered document intelligence to preconstruction — turning drawings and specs into scopes and risk insights.

WASHINGTON, DC, UNITED STATES, September 10, 2026 / EINPresswire.com/ -- Wyre AI, an AI-powered document intelligence platform that transforms drawings and specifications into structured scopes, risk insights, and traceable references for the construction industry, announced \$5M in pre-seed and seed funding. The seed round was led by [Ironspring Ventures](#), with participation from WND Ventures (the corporate venture arm of DPR Construction) and Virginia Innovation Partnership Corporation (VIPC). The round also included angel investments from top-tier construction veterans, including Amar Hanspal (former Autodesk CEO), Rajesh Ram (Co-founder & Chief Growth Officer at Egnyte), and Joseph Khoury (VP of Preconstruction & Co-Founder MCN Build) among others.

"I spent a decade in preconstruction & operations before I ever built software for it, and the job hasn't fundamentally changed: a few people read thousands of pages under a deadline and hope nothing gets missed. That isn't a staffing problem — it's a technology problem. Having co-founded Pype, which



Wyre AI Logo



Wyre Scope and Check Functionality

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*Hannu Lindberg -
Construction Technology at
DPR Construction*

Autodesk acquired in 2020, I've seen firsthand what better information, delivered earlier, can do for a project. At Pye we proved construction documents could be made machine-readable. With Wyre AI, we're going further — turning them into scopes teams can bid on and risks they can act on before a project ever breaks ground. Preconstruction is where fee margins are locked in, and that's true for every contractor, on every project, everywhere in the world. This funding accelerates our mission to modernize preconstruction across the globe and give every project a stronger start.” – Sunil Dorairajan, Founder & CEO, Wyre AI

Preconstruction is the highest-leverage phase of a project

— where design is finalized and contracts are signed — yet it remains the most document-heavy and least digitized part of the construction lifecycle, leaving that leverage largely untapped. Estimators, preconstruction managers, and project engineers spend weeks combing through document sets to figure out what's actually being built, what's missing, and where drawings contradict the specs. Industry research consistently underscores the cost of preconstruction inefficiency: a 2024 Dodge Construction Network study found coordination issues erode an average of 10% of contractor profit margins, consistent with earlier research estimating that more than \$177B in annual U.S. construction labor is lost to rework and unresolved conflicts. With Wyre AI, builders can leverage construction expertise bridged with AI to turn complex unstructured construction documents into valuable, project-specific scope data. AI eliminates the guesswork from preconstruction through a purpose-built system that understands, reasons, and acts across the entire preconstruction lifecycle, enabling faster bids from contractors and greater protection of builder margins before breaking ground.

“I backed Sunil's previous company, Pye (acquired by Autodesk), because we fundamentally believed construction documents needed to work harder for the builders using them,” said Ty Findley, Co-Founder and General Partner at Ironspring Ventures. “Wyre AI takes that conviction to the next level by bringing Sunil's deep domain expertise upstream into preconstruction — the phase where the highest-stakes decisions are made and margins are set. It's a massive challenge we see across our network of builtworld operators, and it's exactly why we are thrilled to lead this round and back Sunil again.” – Ty Findley, Co-Founder and General Partner, Ironspring Ventures

“Scope development and document review are among the most demanding and time-intensive parts of preconstruction. When teams are under pressure, gaps and inconsistencies can happen. We're currently piloting Wyre AI with our estimating teams, and early findings indicate the technology could reduce scope development efforts by approximately 100 to 350 hours per project, depending on project complexity and team size. Beyond the time savings, the

technology could help drive more consistent scope coverage, clearer bid communication, better traceability and fewer scope gaps and duplications. Those early indicators of efficiency and quality are what make the technology compelling for our teams.” Hannu Lindberg, Construction Technology - Project Planning & Execution, DPR Construction

The Wyre AI platform operates through two core, highly synergistic products: Wyre Scopes and Wyre Check. Wyre Scopes ingests a project's complete set of drawings and spec books to extract, organize, and format trade-specific scope packages. This AI-driven workflow drastically reduces the manual burden of scope drafting, enabling an 80% reduction in the time required to generate scopes. Wyre Check serves as an automated design quality management and document validation engine that cross-references drawings against specifications to surface hidden gaps, contradictions, and compliance issues pre-bid. By catching RFI-risk items before the project begins, Wyre Check mitigates issues that would otherwise cost tens of thousands of dollars in downstream change orders.

"I've known Sunil for many years and have watched him consistently bring innovative solutions to the construction industry. When Wyre launched, BE&K was pleased to participate in an early pilot and collaborate with the team as the platform evolved. The experience was positive, the platform gained acceptance among our users, and we ultimately expanded our investment in Wyre across additional projects. We're proud to support Sunil and the Wyre team as they continue to advance technology for the preconstruction industry.” – Kevin Bredeson, Vice President Preconstruction + Technology, [BE&K Building Group](#)

“Wyre AI accelerated our buyout process almost immediately. It's not just a preconstruction tool — our operations team used it across scope writing and buyout, surfacing scope gaps and conflicts before they could affect the project. Whether you're onboarding a new APM or managing concurrent buyouts, it makes the whole team efficient.” – Dylan John, Project Manager, [Rycon Construction](#)

The platform's real-world impact is already proven at scale. Customers including Okland Construction, Jacobsen Construction, BE&K, Rycon Construction, Miller Davis, MCN Build, DiPasquale Construction, and Cardella are using Wyre AI to transform how they approach preconstruction risk management and project buyout. To date, Wyre AI has analyzed more than 250 projects, identified 250,000+ scopes and issues, and supported more than \$3B in project value. With the new capital, Wyre AI will expand R&D and product development and grow its go-to-market team to meet rising demand from general contractors, subcontractors, and construction managers.

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