Manufacturing Readiness Grant

Applicant Information

Applicant Organization:	XYZ Organization
Type of entity	For profit
Federal Employer Identification Number	XX-XXXXXX
Indiana Secretary of State Control Number	XXXXXXXXX (Find your number at https://bsd.sos.in.gov/publicbusinesssearch)
Mailing Address	XXXXX Suite X XXXXX, IN XXXXX
Website	YourWebsite.com
Number of Employees in Indiana	XX
Number of Employees Total	XX
Length of operation in years	XX years
Relationship to Indiana (ex: HQ, major operations, ownership, etc…)?	Tell us where you are located, how long you've been in business, about your operations, your organization's relationship to Indiana, etc.
Business Certifications? Check all that apply.	SBC (Small Business Certification) MOSB (Minority Owned Small Business) WOSB (Woman Owned Small Business) VOSB/SDVOSB (Veteran/Service Disabled Veteran Owned Small Business) Other: Other
Description of ordinary course of business	Tell us what products, etc., your company manufactures. (Must be a manufacturer planning to make a capital investment in the form of smart manufacturing technologies within their Indiana operation(s). While there is no size limitation for applicants, small- and medium-sized manufacturers (<500 employees) are heavily favored.

Senior Official Contact Person: Someone with authority to speak/commit on behalf of the organization

Name	Your Name
Title	Your Title
Email	YourEmail@gmail.com
Phone	XXX-XXX-XXXX

Project Description

Summary of the manufacturing project: Tell us a broad overview of the goals, what the project entails, and how it relates to Smart Manufacturing.	Explain the project as if you were pitching it to your management team/CEO if you were going to help them understand what you are going to do. The what, the why, and the how.
Smart Manufacturing: Describe how the project will credibly leverage technology to improve production capacity, capability, speed, or quality? How will it expand or optimize product mix or product performance? How will it enhance customer service or engagement? How will it enhance your competitive advantage?	Consider a few key differences between "advanced" and "smart" manufacturing. Advanced manufacturing is often thought of as using innovative technologies to improve processes, usually through automation, PLCs, controls, and IT/OT systems for increased capacity and product quality. Smart manufacturing further integrates digital technologies, like the Internet of Things (IoT), cloud computing and analytics, and AI and machine learning, into company-wide operations and manufacturing processes. Outcomes of smart manufacturing are often increased production and flexibility/agility, real-time visibility into equipment performance, and responsiveness to customer demand. Smart manufacturing also leverages data to a high degree (with technologies like advanced sensors, IoT connectivity, embedded software, etc.) for outcomes like predictive maintenance, self-optimization of process improvements, and increased production efficiencies. The grant program favors Industry 4.0/Smart Manufacturing/Digital Plant projects. "Advanced" investments will be considered if they are innovative and transformative beyond the status quo to a degree appropriate for the applicant and proportional to the ask.

Technology: Which technologies are being deployed in the project? Check the technologies that you've described above.	Additive Manufacturing (3D Printing) Advanced Communications (5G, etc) Advanced Modeling Artificial Intelligence (AI) Augmented, Virtual or Mixed Reality Autonomous Robotics or Vehicles Big Data and Analytics Blockchain Cloud Computing COBOTS Cybersecurity Digital Twin Industrial Internet of Things (IIoT) Machine Learning Machine Vision / Visual Inspection Sensor Technology Wearable Technology Other:
Innovation: Why is this project innovative by the standards of your sector? How will the applicant take advantage of commercially available technology to achieve something uniquely differentiating?	The smart manufacturing project should be beyond 'advanced' in nature, i.e., upgrades via standard automation, increased capacity, tighter controls, or other features that are common in similar operations are not compelling for this grant program. Strong applications offer a detailed description of how the applicant is undertaking an initiative that will be innovative and transformative beyond the status quo for themselves and competitors. Tell us how this is an innovative smart manufacturing project.
Business case and justification: Why is it a good investment for the applicant's business? What is the anticipated ROI? Describe any tangible, outcomes, deliverables, or other definitions of success that can be measured and assessed with clear metrics.	Provide a concrete analysis that convinces us that this is a good investment for your company.
Project Budget: What is the approximate total budget that is required to execute this project?	Provide a specific dollar amount ($XX) that estimates the "all-in" investment to execute.
Partners/Third Parties: Are there any partners or other parties involved with the project whose involvement or performance can significantly impact project success?	Yes
If yes, then who are they and what are their roles?	Tell us about any local vendors or resources that are involved with the project. Tell us about any partners or third parties you're relying on and/or if there are any complicating factors.

Other Funding: Are any other grants, subsidies, incentives or other forms of federal, state, or local financial programs being utilized, leveraged, or pursued to support the project?	Yes
If yes, then please describe.	Tell us about project financing that's not your own and that is critical to the success of the project.
Attest that specific items being reimbursed will be fully bought and paid for by the applicant and free of any lien or other encumbrance at least to the extent that the applicant will have equity in the item greater than the reimbursement amount.	Yes

Capital Investment Components (potentially eligible for reimbursement)

Total Grant Reimbursement Amount Requested: Only major capital components of the project permanently installed in Indiana whose costs are directly incurred by the applicant are eligible for reimbursement under this grant. The reimbursement rate (not to exceed 1:1 match up to $200,000) will depend on various factors at the discretion of the IEDC and Conexus Indiana.	$XXX,XXX.XX (The maximum grant award is $200,000. The applicant must match grant awards on a minimum 1:1 basis. A project with a total budget of at least $400,000 would be required to secure a maximum $200,000 grant award. However, projects with higher matching leverage, i.e., larger projects, are more favorable. Partial awards are also common. Several factors and criteria are considered in the application evaluation process and can affect the amount offered as a grant award. Very few projects receive $200,000.)
Purchased equipment: List any significant hard, physical asset that is being procured and installed and dedicated exclusively to this project. Include manufacturer, model, country/state of origin, vendor, useful life, and approximate cost. Cost should include original purchase only and not any maintenance, warranty or other extended service subscription or plan. Provide as an attachment if list is large.	We want an accurate and clear picture of the most significant pieces of planned capital investment involved with the project budget. Tech-enabled hardware is generally preferred. Approved equipment reimbursement will need to be supported by proof of purchase dated after the date of the award.
Total Cost (purchased equipment)	$XXX,XXX.XX

Infrastructure, facilities improvements, and transportation: Describe and estimate cost for project line items only if they are directly and exclusively related to purchased equipment listed in the prior question and necessary for the equipment to perform its intended function.	While infrastructure costs are not generally reimbursable, we recognize that they could be part of the total project budget. Tell us about any infrastructure improvements needed to make the project happen.
Total Cost (infrastructure, facilities improvements, and transportation)	$XXX,XXX.XX
Software, Technology, or IP: Describe and estimate the cost for software, technology or other intellectual property only if it is 1) dedicated exclusively to this project, 2) necessary for the project to achieve its goals, and 3) can be accounted for as a capital expense, i.e. its an asset with a useful life beyond the purchase year and is paid for as a lump sum rather than via a monthly or annual subscription. For listed items include vendor, product name and version, country/state of origin.	Provide us with details on vendor, product, and version, and explain whether it is considered capital expenditure or an operational expense. Great examples of smart manufacturing projects often include both software and hardware elements. While the program prefers to support the hardware portion, software costs can be supported as long as there is evidence that it is true capital investment and is sufficiently smart manufacturing related.
Total Cost (software, technology, or IP)	$XXX,XXX.XX
Indiana address where project equipment will be permanently installed	XXX Suite X XXX, IN XXXXX
County of Indiana address where project equipment will be permanently installed	XX (Which of Indiana's 92 counties?)
Affirm that all equipment, technology or other reimbursed items will not be moved outside of Indiana once installed.	Movable, but committed to not move from the location identified

Workforce Implications

Staffing: Describe anticipated impact on staffing positions (full-time, part-time, contract, exempt and non-exempt). How many positions will be created, eliminated, consolidated, transferred, re-skilled or otherwise impacted?	In numerical terms, how many positions are affected and in what way are they affected?

Training: Describe any training, certifications, or other professional development investments that will be made in enhancing workforce skills as part of the project.	How are the people holding these positions being developed?
Workplace Health and Safety: How will the nature of work improve or otherwise change for affected employees?	How will their working conditions be improved?
New wage growth: Once the project is fully implemented with all benefits realized and changes completed, what is the expected permanent net change (either increase or decrease) in total wages (annualized dollars) as a direct result of the project?	Provide us with a dollar estimate for the total wage impact.
Relative impact for applicant: The net wage growth described above is approximately what percentage of the net wages for the applicant's Indiana based operations?	1-3%

Project Plan

Timeline: When is the project anticipated to begin and complete? What are the major milestones for the project and their timing? You may provide a project plan as an attachment.	The grant is intended to incentivize a project investment that would not otherwise happen BUT for the grant. The grant is not meant to be used for reimbursement of project expenditures incurred or committed prior to the date of application. The application should demonstrate how the project, either its scope or timeline, is significantly dependent upon or would be enabled/enhanced by the grant. Projects that can be immediately started and quickly executed (3-4 months) pending an award are preferred.
Risks: What are the major risks associated with the project and what measures will be in place to mitigate the risks?	Tell us how you have a handle on what's entailed with this project and any strategies to overcome the possible challenges.
Experience: Describe applicant's prior experience with other projects of similar scope, scale and complexity.	Tell us why your team or company is prepared to execute this smart manufacturing project.

Other relevant information: Please describe (or attach) any other relevant supporting information (pictures, documents, etc.) that you feel may be helpful for the review committee to fully appreciate and understand the scope, nature, and opportunity of this grant application.	Tell us anything else you want us to know here.

Terms & Conditions

Peer Review: Applicant consents to allow this application and all other relevant and related information and data to be made available to parties involved with its review and evaluation, provided that it is exclusively for the purpose of grant consideration and/or program reporting/enhancement. These parties include: IEDC, Conexus Indiana, Next Level Manufacturing Institute, and a peer review committee.	Provided
Case Study: Applicant affirms a willingness to participate in a case study upon successful conclusion of any project that received grant funds. The case study will positively highlight the applicant and the specific project outcomes as a means to share learnings and best practices in the public domain. The intent is to increase broad understanding of technology use cases in manufacturing and spur greater adoption across the state's manufacturing base. Case studies will be in collaboration and coordination with the grantee and will be reviewed by the grantee prior to release. Only non-proprietary information will be shared in the case study.	Willing to participate
	Understood