

TIH-IoT CHANAKYA PDF

Project Proposal

For Consideration Under

TIH Foundation for IoT and IoE

Project Title

Submitted by

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Date of Submission



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Instructions

Avoid confidential information but give enough non-confidential information to describe your idea. We may share this application with others for the purpose of review and assessment of the proposal

Executive Summary

The first step to complete a Project Proposal is to write an Executive Summary. This section will summarize the entire document by describing the background for the project. In essence, it sets the scene for the project and makes the document enticing enough to read and endorse, so that the project can be kicked-off. (**Max 250 words**)

1.1 Background

Before you describe the proposal in depth, you need to provide the reader with a brief historical view of the problem being addressed, so that it sets the context upon which the project will be initiated. As this is the basis upon which the project is created, you need to describe all of the relevant history that has taken place up until now. (Length: **Max 200 words**)

1.2 Statement of the problem

- The original problem statements
- Relevance or importance of problem
- Background information to educate the reader
- Previous related work by others—literature review with credible sources
- Patent search, if applicable

1.3 Objectives

Define the scope of work and clearly state the project objectives, including the following:

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- Design specifications in specific, quantitative terms.
- Critical design issues, constraints, limitations.

Try to make the objective of the project “*SMART*” which means Specific, Measurable, Action orientated, Realistic and Time based (Length: **Max 100 words**)

1.4 Technology Gap (Length: Max 100 words)

- Provide details about technology/idea you propose to pursue includes, its applicability, innovation and USP. Describe the innovative elements along with comparisons with previous reports or products available/competitors. (Length: Max 300 words)

1.5 Deliverables

- Every project produces deliverables which form part of the solution that solves the business problem or opportunity.
- It is critical that you list all of the key deliverables that are to be produced in as much depth as possible.
- Deliverables shall be quantitative i.e. some performance parameters, power saving, weight reduction, efficiency etc. (Length: **Max 100 words**)

1.6 Resources and Budget

- In order to approve the Project Proposal, it is necessary to understand the number of resources required to undertake it.
- Resource requirements should include the details regarding equipment and materials needed to undertake the project. (Length: **Max 100 words**)

1.7 Project Plan with Milestones

- All projects must be delivered within a specific timeframe.
- The major milestones to be achieved should be specified clearly in the project plan.
- Quarterly milestones can be specified in the project plan.
- The reason for this is that it gives the confidence that everything has been thought through and that the project can realistically be delivered within the timeframes specified.

Sr. No.	Milestone	Activity	Duration in months
1			
2			
3			
4			

1.8 Category of New Technology/Product

Indicate the category of the new technology/product according to your understanding. If you could not categorize simply indicate the “**not known**”

Sr. No.	Category	Details
1	New-to-the-world Products/Technology	The alternative expression for new-to-the-world products/technology (new products/technology) already indicates that this is what most people would define as a new product. These products are inventions that create a whole new market.
2	New-to-the-firm Products/Technology (new Product Lines)	Products that take a firm into a category new to it. The products are not new to the world, but are new to the firm
3	Additions to existing Product Lines	These are simple line extensions, designed to flesh out the product line as offered to the firm's current markets
4	Improvements and Revisions to existing Products	Current products made better.
5	Repositioning	Repositioning are products that are retargeted for a new use or application
6	Cost Reductions	Finally, cost reductions complete the six categories of new products. Cost reductions refer to new products

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	that simply replace existing products in the line, providing the customer similar performance but at a lower cost
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