

Project #	Agency	Project Title
27-02	Department of Roads	Bridge Management System

SUMMARY OF REQUEST (Executive Summary from the Proposal)

[Full text of all proposals are posted here: <http://nitc.ne.gov/nitc/documents/fy2009-11/index.html>]

The purpose of this project is to develop a one-stop shop for Bridge related information, similar to the Pavement Optimization Program (POP). With the completion of this project, customers will be able to access bridge related information through a point and click environment. Information such as Posting Summary sheets, bridge photos, bridge plans; Inspection Reports, etc. will have a direct link from an opening screen. The opening screen will sit on the user's desktop as an icon and when opened the user will have the option to go directly to the bridge information of their choosing. The opening screen will have an arrangement of radio buttons which the user can click-on to retrieve the information they want to view. It is anticipated that the primary users of this new application will be the District Engineers, Division Heads, and Division personnel from Bridge, Roadway Design, Construction, and Planning and Project Development. It is estimated that the initial version could be completed within six months of the start of the project. As users become aware of and begin to use this new application subsequent versions will be enhanced to meet the needs of the users. This new application will greatly enhance the bridge decision-making process and improve the flow of bridge information throughout the Department.

The budget for this project was included in the appropriation for FY09, therefore no additional monies are needed.

FUNDING SUMMARY

Contractual Services	Total	Prior Exp	FY09 Appr/Reappr	FY10 Request	FY11 Request	Future Add Request
Design	\$0					
Programming	\$10,000		10,000			
Project Management	\$0					
Data Conversion	\$0					
Other	\$25,000		25,000			
Total	\$35,000	\$0	\$35,000	\$0	\$0	\$0
Total Request	\$35,000	\$0	\$35,000	\$0	\$0	\$0

PROJECT SCORE

Section	Reviewer 1	Reviewer 2	Reviewer 3	Mean	Maximum Possible
Goals, Objectives, and Projected Outcomes	13	12	14	13.0	15
Project Justification / Business Case	18	16	18	17.3	25
Technical Impact	12	15	18	15.0	20
Preliminary Plan for Implementation	6	8	10	8.0	10
Risk Assessment	3	7	6	5.3	10
Financial Analysis and Budget	10	10	16	12.0	20
TOTAL				71	100

REVIEWER COMMENTS

Section	Strengths	Weaknesses
Goals, Objectives, and Projected Outcomes	<ul style="list-style-type: none"> - The agency has described an efficiency project for the Department that is based on a current success for POP. - POP application already exists and can be used as a pattern for new application. 	<ul style="list-style-type: none"> - There is no mention of the agency technology plan and how this fits into it. Additionally, they clearly state that there is not requirement for this project. - Plan assumes that new application requirements will be the same as POP.
Project Justification / Business Case	<ul style="list-style-type: none"> - The project benefits related to the efficiency of the worker and the saving of physical space. - The concept is good and will bring all the information together and make available through a single interface. 	<ul style="list-style-type: none"> - No actual documentation on ROI or other benefits. - With no mandate to create this system, becoming and staying a priority could delay the project.
Technical Impact	<ul style="list-style-type: none"> - POP system already exists and the technology can be supported with existing hardware and software. 	<ul style="list-style-type: none"> - Not sure if they are planning to do this work themselves or with an outside contractor. There is no indication that there are costs associated with their side of any of this work. - Technical solution depends on the POP system the similarity of the data and requirements.
Preliminary Plan for Implementation	<ul style="list-style-type: none"> - General listing of roles and timelines. - The department already is familiar with FALCON software and the POP application 	<ul style="list-style-type: none"> - Roles and timelines are not detailed by people who have any experience or specific steps that will be accomplished and by whom. - The requirements and scope are not defined and the scope could exceed the POP application.
Risk Assessment	<ul style="list-style-type: none"> - Development will be completed in-house and the model for this application already exists. 	<ul style="list-style-type: none"> - The risks were not clearly identified. What is the risk of not doing this? - No deadlines to complete have been created, are all stakeholders in agreement on priorities? - What are the risks associated with doing the project?
Financial Analysis and Budget		<ul style="list-style-type: none"> - The budget of \$35,000 is for programming and other without any clear indication of exactly how it will be spent and how the numbers were determined. - Hard to determine if funding is adequate.

TECHNICAL PANEL COMMENTS

Technical Panel Checklist				Technical Panel Comment
	Yes	No	Unknown	
1. The project is technically feasible?	✓			
2. The proposed technology is appropriate for the project?	✓			
3. The technical elements can be accomplished within the proposed timeframe and budget?	✓			