

Activity Data Sheet

NEW PROJECT REQUEST FORM PROJECT INFORMATION MODIFICATION FORM INFRASTRUCTURE & PROGRAM SUPPORT PROJECTS

This form must be used for all new infrastructure and program related projects requesting Line Item, GPP, AIP, or Special Maintenance funds. In addition, use this form to modify existing or supply missing information relating to projects already in the project database. For these projects, only complete the fields which are changing or new. **For projects where ES&H is the primary driver, the ES&H ADS form must be used in lieu of this form so the project may be entered into the ES&H database.** ES&H projects will be electronically transferred into the master project database. The following project information must be provided for a project to be entered into the BNL Project Database.

Expand areas as required

Submitted By:

(Induce name, department, phone number, Mail Stop, and E-Mail.)

J.Q. Administrator, ST, x-1234, MS 998, jadmin@bnl.gov

ADS #: New ADS

(Existing Projects Only)

Project Title: Clean Room for Lab 2-37, B/998

Project Origination:

(Examples are program requirement, Visiting Committee recommendation, Building Manager inspection, etc.)

Changing program requirements now necessitate that a 150 sq.ft., Class 100 clean room be constructed in the south east corner of Lab 2-37 located in Building 998 to achieve program goals.

Project Champion:

(The person best suited to describe the project and the impact of not getting or delaying the project, include name, department, phone number, Mail Stop, and E-Mail.)

Dr. J.Q. Citizen, Science & Technology Department (ST), x-2460, MS998A, jqc@bnl.gov

DOE Facility Rep

Larry Hinchliffe x-5941

Project Estimate:

(Include estimate, source of estimate, and whether or not engineering, project management, and burden is included.)

\$225 k, Estimate obtained from Plant Engineering under ILR 134689. Estimate includes all construction, engineering, and burden costs.

Suggested Project Funding: (Check One)

GPP/LL GPP - Landlord (Site GPP Fund)

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Project Description:

(A general description of what the project is and what it will accomplish. Description should be in the context of ES&H, Security, and/or Program impact and benefits. Where applicable, describe any economic payback.)

This project will construct a 150 sq.ft., Class 100 Clean Room in Lab 2-37 of Building 998 to allow the ST department to participate in the DOE complex-wide program to design a better widget. Specifically BNL will be working to develop new composite materials for the widget casing which would be both lighter and stronger.

Project Assessment:

(Provide general descriptions of the benefits of implementing this project, the impact of not implementing or delaying implementation of the project and any mitigating actions which could be implemented prior to full implementation of the project. Where applicable, describe any economic impact.)

Benefits

- Allows BNL to expand into a new DOE program which closely couples with other work being performed by the ST department.
- BNL has the required support equipment in place (electron-microscope)
- Some materials programs which are winding down will allow for staff time to ramp up this program.

Impacts

- Support equipment currently in place would go underutilized driving up the cost of keeping this equipment operational.
- Opportunities for participating in DOE splinter programs resulting from this effort would be lost.

Mitigating Measures

Make modifications to clean-up and make ready former Class 500 clean room (\$10k). Only about 1/3 of the program activities would need the Class 100 clean room and some preliminary program results could be generated using only the Class 500 Clean Room.