

APPENDIX C

FORMAT FOR
MISSION AREA DEFICIENCY STATEMENTS (MADS)

MADS number (assigned by CERD-M)

1. Introduction

- a. Title: (Self Explanatory)
- b. Mission Area: Assigned by DRD
- c. Sub-Area: Assigned by DRD

d. Validated by: Proponent responsible for transferring the products identified in the technology transfer paragraph.

2. Mission Area Deficiency. A clear concise statement of problem, to include any factors that define parameters or extent of the shortfall or need for improved capability. Problem statement establishes the objective or goal needed to be satisfied.

3. Technology Requirements. Analysis of needs to identify technology development requirements. This analysis should address both the near-term and long-term needs. The emphasis should be to identify problems that when solved will provide high payback in carrying out the facilities mission. Indicate whether problem is widespread or localized or if problem was a one-time occurrence or reoccurrence. (A feeling of how widespread or how often the problem is encountered is beneficial for establishing priority.) High dollar payback or loss of a required capability also impacts on priority. Provide discussion on current practice or activity that creates the identified problem. Indicate impact if solution is not provided.

4. Technology Transfer. Provide a statement to serve as a generalized guide to the R&D performer indicating how the research product would be utilized. Designated date by when product from research must be provided. Expected means of application of the technology and the users that the technology is intended to support.