

PROGRAM DESCRIPTION (2/19/03)

1. GENERAL

The Specific Manufacturing Capability (SMC) Program is a Work for Others Program performed for and funded by the Department of Army (DA). The program consists of management, operation and maintenance of the Government owned production and support facilities at the TAN area of the Idaho National Laboratory (INL). The program work is performed by a dedicated work force with the appropriate level of security clearances. The program requires minimal support from the balance of the INL.

2. OPERATIONS and MAINTENANCE

In general the production work will consist of metalworking, fabrication, conveying and assembly of fabricated parts into kits and/or final assemblies, packaging of kits and/or final assemblies and shipment off site. Operations also include operation of machine shops and testing laboratories to perform product verification, and research and development of various metal forming, shaping, and testing to include manufacturing and assembly of test units of a variety of configurations and components.

Maintenance work is necessary for the efficient operation of the facility. Maintenance work programs are required to be developed and approved. Maintenance work programs include corrective and preventative maintenance of all SMC facilities, systems and equipment as required to maintain the plant in an excellent working condition to meet the long-range mission. In addition to operating and maintaining production equipment operation and maintenance of utility and support systems including but not limited to oil-fired boilers and steam systems, air compressors and air systems, water systems, sewage systems, complete electrical systems including switchgear and transformers.

Operations are performed within designated buildings and such other facilities under the jurisdiction of the Idaho Operations Office (NE). The below listed buildings are located at the INL Test Area North (TAN) site and are specifically identified by number. Other office space may be made available in Idaho Falls.

TAN 629 - Fabrication Facility	TAN 681 - Waste Treatment Facility
TAN 658/T24 - Material Storage Facility	TAN 682 - Material Storage Facility
TAN 675 - Utility/Office Building	TAN 683 - Electrical Substation
TAN 676 - Security Station	TAN 688 - Material Storage Facility
TAN 677 - Truck Receiving Dock/Fabrication Facility & Machine shop	
TAN 678 - Cafeteria	
TAN 679 - Manufacturing Facility	

3. ENGINEERING

Engineering Support services are required to support the production operations, utilities management including facility maintenance and energy conservation and equipment preventative and corrective maintenance. The support includes process monitoring and technical evaluation; analysis and development of process methods; design drafting/graphics; computer and instrumentation support. These services include preparation and control of plans, work control procedures, and technical specifications for the operation of facilities, systems, and equipment. Additional services include preparation and assistance development of safety analysis reports and environmental documentation.

Modification, improvement, alteration or repair of existing equipment systems and/or facilities, or construction of new facilities which are considered essential for the continued or safe and economical operation of the facilities are submitted for approval. Projects approved require preparation of design criteria for new facilities or modifications to existing facilities, obtaining design services and review and approval of all designs..

Technical leadership and support are required for on-going investigations and research and development of Process Improvement Projects (PIPs) to include methods and technologies to improve product performance and production processes. The technical staff includes professionals from a variety of disciplines including industrial engineering, metallurgy, automation, process development, environmental, safety and quality.

4. PROJECT REPORTING

A weekly project status meeting is required to discuss status of the operations and accomplishments as well as any problems or issues that require resolution to maintain consistent and trouble free operations. Project status meeting will be required with the customer on a semi annual basis to review and approve budgets, schedules and present overall project status.

In addition written reports are required on a monthly basis indicating accomplishments and project status.

5. PROJECT BUDGET PROFILE

The following is the estimated budget profile for the currently planned work. These estimated budgets will require an approximate 10% reduction of current budget profiles.

Fiscal Year	FY05	FY06	FY07	FY08
Available Budget	61.3 M	51.0 M	53.5 M	46.4 M