

A Preliminary Engineering, Project Management and Design Engineering Firm

PROCESS



Full Service EPC/EPCm Organization
Extensive PMC and CM Capabilities



We are capable of performing EPC services on projects of small and medium size up to \$10 million.

Process Plants Corporation PPC is a full service group providing process development engineering, procurement, construction and maintenance management expertise for the process industry.

We provide single point responsibility in performing engineering, procurement and construction (EPC) for projects. **PPC** has extensive experience in the petrochemical, oil & gas, organic and non-organic chemicals, powder metal, cement and co-generation fields.

What is unique about **PPC**?

Our experience in propriety process development work with clients or independently with client approval. **PPC's** work has included highly explosive, flammable, highly toxic and high-pressure process.

The ability to provide a preliminary engineering package complete with Process and Instrumentation Diagrams, an equipment list with specifications and a budget estimate with EPC schedule. This preliminary scope book is used for capital appropriations or as a package to initiate the project.

Aiding our clients to become their own general contractor at a substantial capital cost saving by providing the personnel and know how to execute the project. We have the expertise and history of handling EPC projects and **PPC** works as part of the owner's staff in assuring safety, project control, budget and schedule with savings going to the owner.



PPC is a full service group providing process development engineering, procurement, construction and maintenance management expertise for the process industry.

EPC/EPCM



PPC provides mechanical, structural, chemical, electrical, and instrumentation/control services to manufacturing plants, Industrial Gas, petrochemical plants, and heavy industrial facilities in the metals, chemical, power and petroleum sectors. The engineering professionals on staff have extensive experience and actively lead all phases of projects from feasibility studies through process flow diagrams, design and bidding documents, installation, startup and commissioning.

Project Size

- We are capable of performing EPC services on projects of small and medium size up to \$10 million.
- Construction management was completed on a \$150 million project supervising approximately 700,000 man hours in 9 months.
- PPC completed the process design, equipment selection and specification on a \$300 million project including all environmental requirements.
- On renovation or expansion projects or Brownfield and Greenfield projects, PPC plans carefully to minimize disruptions of the ongoing operations.
- Our mission is accomplished through understanding the needs of our client: cost; schedule and performance & our philosophy is to give the client/owner what they want at a reasonable price.

We are a full service group providing process development, engineering, procurement, construction and maintenance management expertise for the process industry. Providing single point responsibility in performing (EPC) for projects.

PPC has an impressive track record in the chemicals, pharmaceuticals, specialty chemicals, petrochemicals, and manufacturing industries. The proven success of our highly experienced team ensures demonstrated ingenuity, fit-for purpose approach, as well as cost-effective and timely results with no surprises.

Specific information will be provided regarding your inquiry.



PPC handles EPC services on projects small and medium size up to \$10 million.



**Our staff can provide your
company Engineering
Assistance in the following
disciplines**

Design Engineering

PPC has in house capability to perform detail engineering for small to mid-sized projects. PPC has an experienced design team, which has been working together for many years. This team has the experience and the mindset to design for operability, constructability and economy. PPC provides a full compliment of design services to handle the complete project.

Design Engineering
Process
Civil/ Demolition
Layout
Electrical
Mechanical
Instrumentation
Architectural
Structural
Piping
Operations & Maintenance
I & E Programming

Design Management

During design, potential problems can be identified and solved before they surface in the field. PPC acts to provide conformance with program goals. PPC can assist by planning a project, validating the scope of work and budget, establishing a schedule control process and providing constructability design reviews.

PPC also prepares a pre-qualification system for contractor selection, individual discipline construction bid packages for labor, material price breakdowns and a schedule to meet project goals

Design Management
Constructability Reviews
Planning & Scheduling
AFE Estimates
BID Packages
Cost Control
Expediting
Project Management

Project Management

PPC begins with a well mapped project management plan for implementation and effective project controls program to focus decision-making. PPC keeps construction moving by effectively administering contracts; managing costs and schedules; maintaining essential communications; handling scope additions and deletions; tracking progress and conducting quality inspections. On renovation or expansion projects, PPC plans carefully to minimize disruptions of the ongoing operations.

PPC keeps construction moving by effectively:
Administering contracts
Managing costs and schedules
Maintaining essential communications
Handling scope additions and deletions
Tracking progress and
Conducting quality inspections

Preliminary Engineering

Developing Project Scope of Work

PPC has the ability to develop the process flow and instrument flow diagrams complete with utility requirements, operating conditions, equipment list with specifications, preliminary general arrangement and layout drawings and a computer process control system. Also included are a construction specification, budget estimate suitable for capital appropriations and an engineering, procurement and construction schedule.

Heat & Mass Balance
PFD
P & ID
Layout Drawing
Specifications
Equipment List
Utilities
Appropriation
Estimates

Most of PPC's business has been repeat business; our philosophy is to give the client-owner what they want at a reasonable price.

PPC'S engineering is well known for its design, engineering and project management skills. Integrated with these disciplines on every PPC job are experienced and knowledgeable construction-minded personnel who add exceptional value and cost effectiveness.

What is not generally known is that PPC can also provide site construction management teams to manage construction activities on projects, even where other firms are responsible for the engineering and design scope.

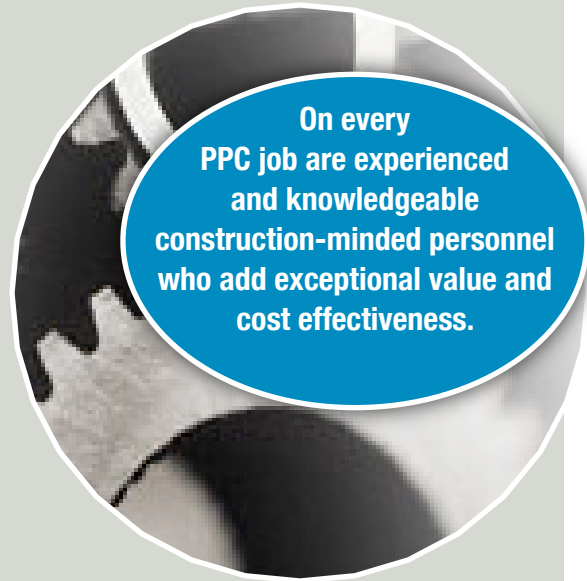
We presently have on site personnel working in a multi-year contract and are responsible for most maintenance and all capital projects. At others we have a process engineers assisting the owner with engineering design.

Client Profile

We have worked both in the continental United States and on international projects.

Process Plants Corporation has performed engineering and CMMMS services for the following corporations:

ALCOA
Allied Signal
American Refining Group (now Buckeye Refining)
Amoco Performance Projects
ARCO Chemical
Aristech Chemical
Ashland Chemical
Calgon Carbon
Callary Chemical
Cryotech
Double Eagle Steel Coating
Dravo Lime
Duquesne Light
Energy International
INDSPEC
Kosmos Cement
Koppers Industries
LTV LS2 Joint Venture
Molycorp
MHB, INC
North American Hoganas Inc
OMG Americas
PPG
Pennzoil
Rhone-Poulenc
Shenango
Sony
United Refining
US Steel
Valvoline
WCI/Mannesmann Demag



On every PPC job are experienced and knowledgeable construction-minded personnel who add exceptional value and cost effectiveness.

For more information contact us at: [PPC](#)

**Process Plants Corporation
P.O. Box 1966
Cranberry Township, PA 16066**

**Phone: (800) 569-5827
(724) 776-5933
FAX: (724) 776-5978**

Email efcppc@aol.com

Willing to Perform Design-Build
"Turn Key" Contracting Services

PPC, Inc has an impressive track record in the chemicals, specialty chemicals, petrochemicals, and manufacturing industries.

PPC completed the process design, equipment selection and specification on a \$300 million project including all environmental requirements..

PROCESS PLANTS CORPORATION

P.O. Box 1966

Cranberry Township, PA 16066

VISIT PPC -SITE

<http://ppc-site.com>