# CHEMICALS

### ENGINEERING | PROCUREMENT | CONSTRUCTION | POST CONSTRUCTION



ENGINEERING | PROCUREMENT | CONSTRUCTION

INTEGRATED SOLUTIONS

InfinityPMinc.com



# SATISFACTION

IPM earns repeat business through excellence in communication, quality, and flexibility as we provide Integrated Solutions to our valued clients.

As a single point of contact, IPM's Project Manager will streamline the design and construction phases of each project, ensuring that all interfaces are integrated effectively.

Our commitment to quality in every solution extends from high-level mechanics down to the key details of every project, large or small.

Across decades, our personnel have cultivated relationships with owners, operators, suppliers, and contractors allowing IPM to offer a full range of Integrated Solutions.

IPM prides itself on being flexible and tailoring solutions to the needs of its clients.

From one client: "IPM aims to please and does work the way we want it."

### **SCOPE OF SERVICES**

#### Project Development Scope Development

- TIC Estimates
- Project Scheduling
- Engineering Studies
- FEL / Stage-gate process

#### | Procurement

Engineering & Design
- Project Management

- Electrical / Instrumentation / Controls

- Civil-Structural

- Mechanical

- Process

- Purchasing
  - Expediting
  - Evaluations
  - Vendor Drawing Reviews
  - Surveillance
    - Quality Assurance

#### Construction

- Construction Managers
- Quality Control
- Safety Consultants
- Schedulers & Planners
- Seconded Personnel

#### **Post Construction**

- Checkout / Commissioning
- Field Verification Walk-Down
- As-Built Drawings
- Reliability & Maintenance Projects
- Turnaround Support

surance



# SAFETY FROM EVERY ANGLE

IPM has maintained an exemplary safety record since the company's inception in 2007 – we build it safely, to last. The project team is focused on achieving zero safety incidents on every project. IPM is a consistent recipient of best-in-class safety awards and proud of its reputation in the industry.

### OFFERING CLIENTS SOLUTIONS AND SAFETY TO ACHIEVE THE PINNACLE OF PRODUCTION.

IPM's safety and quality mindset meets or exceeds our clients' expectations. We will not compromise safety or quality for the sake of budget or schedule.

IPM maintains excellent ratings with third-party safety verification agencies

## **CORPORATE SAFETY AND STANDARDS**

Training

### Certification

- "A" Rated safety program registered with ISNetworld
- Safety Award: Safety excellence through training presented by Safety Council of East Texas

#### Achievement

- Safety Award: No Lost Time presented by Safety Council of East Texas

#### Recognition

- Safety Award: For Achieving Zero Incident Rate presented by Safety Council of East Texas



# **ENGINEERING SOLUTIONS**

# DCS CONVERSIONS E/I/C MODERNIZATION

**FEA / CFD MODELING** 

PROCESS HYDRAULICS & SIMULATION

**RELIEF VALVE STUDIES** 

**REVAMPS / UPGRADES** 

MODULARIZATION

**OSBL DETAILED DESIGN** 

**CUSTODY TRANSFER** 

**PRODUCT STORAGE** 

TIC ESTIMATING

**SCHEDULING & COST CONTROLS** 

IPM's foundation is the experience and productivity of its employees. IPM's team of engineers possess a diverse skill set obtained through decades of experience in different corners of the industry.

Staff members have an average experience range exceeding 20 years. More than two-thirds of our engineering staff maintain PE licenses in multiple states.

Exceedingly responsive to our clients, IPM's engineers and designers have experience in a broad range of professional services:

Process simulation, plant layout, equipment specification, PSV studies, instrument specification, controls programming, P&ID development, civil and structural design.

IPM has the experience, practical knowledge, and diverse skills required to take projects from conception to completion.

### **PROJECT PROFILE: NEW SOLIDS HANDLING WEIGH SCALE**

Project Type: Project Scoping, TIC Estimate, Project Management, Engineering & Design Location: Texas

- Full engineering and design for new hopper, piping, weight scales and controls
- Fabrication & assembly drawings for hopper and chutes
- 3D modeling to align hopper, scale and chutes in narrow space
- Modified existing structural supports
- Controller programming modifications for operations

BIG



# **PROCUREMENT SOLUTIONS**

### **TECHNICAL SPECIFICATIONS**

### DATA SHEETS

**REQUEST FOR QUOTE PACKAGES** 

**BID EVALUATIONS** 

**TERMS & CONDITIONS** 

**PURCHASE ORDERS** 

EXPEDITING

**VENDOR DRAWING REVIEWS** 

**VENDOR SURVEILLANCE** 

**LOGISTICS** 

For procurement operations, IPM's purchasing services cover fabricated materials, process modules, engineering specialty items, equipment and bulk materials. In addition to specialty support services, the firm coordinates requests for vendor quotes along with technical and commercial bid evaluations. Clients can also benefit from IPM's expediting, shop surveillance, quality assurance / inspection services and logistics.

IPM's requisitioning procurement process is handled directly by our engineers so the firm's specifications are converted precisely and cost-effectively into equipment and materials that will bring operable, reliable process units to our clients.

IPM is committed to minimizing overhead in order to keep costs manageable for our clients: **IPM works** to produce value-added Procurement Solutions for our partners at a reasonable cost.

### PROJECT PROFILE: SPECIALTY BLENDING & PROCESSING FACILITY

*Project Type: Project Management, Engineering & Design, Procurement of Equipment & Modules Location: Southern US* 

- Full engineering and design of facility
- High-energy shear equipment and module
- Construction bid packages and evaluation
- Deep foundations
- Procurement of conveyors, PDC building
- Procurement of engineering specialty items



# **CONSTRUCTION SOLUTIONS**

### **TURN-KEY PROJECTS**

**CONSTRUCTION BID PACKAGES** 

**SCHEDULING & COST CONTROLS** 

**QUALITY CONTROL** 

INSPECTION

**CONSTRUCTION MANAGERS** 

**SAFETY CONSULTANTS** 

FIELD SUPPORT

**RFI RESOLUTION** 

Essential elements of the detailed design must be addressed in every phase of construction.

IPM's team of engineers, project managers, designers, and site managers form a concrete foundation, bringing extensive, combined experience to every project through the construction phase. IPM's priority is safety during construction: our track record is exemplary, and the firm has received annual awards recognizing our training and commitment to the highest safety standards. The entire team is focused on zero safety incidents throughout the project.

Drawing on our individual employees' decades of excellence in the field, IPM cultivates professional relationships with construction and fabrication contractors for our clients' benefit. IPM maintains an extensive roster of industry partners to ensure all facets of construction are fully-covered and fully-executed to our clients' satisfaction.

### **PROJECT PROFILE: SOLIDS CHARGING SYSTEM**

Project Type: Project Management, Construction Management, Engineering & Design, Procurement Location: Texas

- Increased quality of solids to the blender to meet product demand

- Installed solids charging system, bulk bag unloaders, pumps,

- Site work, paving
- Covered structure
- Construction bid packages and evaluation

- Modularized gravity-fed mixing unit

dust collectors, fans



# POST CONSTRUCTION SOLUTIONS

### **INSTRUMENT CHECKOUT**

**LOOP CHECKS** 

**PLANT COMMISSIONING** 

**ADVISORY STARTUP ASSISTANCE** 

**OPERATION PROCEDURES** 

**OPERATOR TRAINING** 

**AS-BUILT DRAWINGS** 

FIELD VERIFICATION WALK-DOWN

**RELIABILITY PROJECTS** 

**MAINTENANCE PROJECTS** 

Completion is another aspect of IPM's integrated approach: post-construction services ensure every expectation is met ahead of the transition and turnover of the final product.

Within our comprehensive capabilities, planning for a project's startup begins early, looking ahead to whatever challenges and opportunities may arise. Some work begins only when construction ends, and IPM is ready to incorporate those duties into its efforts on behalf of a client - quality work, within budget, and built safely to last. Even when the final checklist is complete, IPM's employees stay attentive, keeping communication lines open, following-up as we stand behind our work.

Every job is positioned for future expansion and efficient maintenance in the years ahead, and we aspire for our client relationships to continue. The work we complete today is the foundation for future opportunities.

### PROJECT PROFILE: SOLIDS SAMPLING PROJECT

Project Type: Project Scoping, TIC Estimate, Project Management, Engineering & Design Location: Texas

- Consultation with operations (Voice of Customer)
- Specialty hoses and fittings
- Controller programming for simple adjustment of timing
- Project scope development and TIC estimate - 3D modeling for a minimized footprint
- Timing set at frequency for a truly representative sample

# INTEGRATED SOLUTIONS

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