



E-DISTRIBUTION

E-CONSULTING SERVICES



E-Distribution is one of the country's leading innovators in material handling integration, providing consulting services that bring affordable, real-world solutions to improve distribution center operations. Our consultants are industry experts in distribution, storage and labor analytics; drawing on years of hands-on experience managing and implementing some of the most complicated racking, pick module, conveyor and AS/RS systems projects.

Unlike expensive classroom trained consultants who lack experience with operational and construction related issues, E-Distribution delivers real expertise at a reasonable price with measurable results. Depending on the client's needs and budget, we can provide a variety of assessment, design, integration and project management services.

- Complete Design/Build Services
- Facility & Systems Analysis
- Concept Plan & Material Handling Design
- RFQ Preparation & Management
- Project & Site Management Services

1 Phase 1- Data Analysis

We first gain a thorough understanding of your operations by analyzing inventory data, SKU movement and cube details for items stored and selected. This data is used to measure the effectiveness of existing storage mediums and to determine the storage types and quantities needed to improve efficiency. The data also provides rates of movement and the estimated labor required to support established throughput levels. Existing space is then evaluated to determine if a facility redesign or expansion is needed.



2 Phase 2 – Concept Plan Development

Once expansion requirements are defined, our design engineers develop a number of facility concept plans including material handling system layouts and equipment options; each with budget pricing to verify and compare the return on investment for all alternatives. We'll help select the most practical, cost-effective solution to meet your unique operational needs and long term goals.



3 Phase 3 – Equipment Specifications & RFP

With a design plan selected and budget approved, E-Distribution will prepare all requirements for the material handling system Request for Proposal (RFP):

- Equipment specifications – storage racking, conveyor, pick modules, AS/RS
- Detailed CAD drawings – building, floor plan, rack elevations
- Load capacities – all equipment
- Building code requirements

All items are specified in writing and approved by the client prior to submitting to the approved vendor list for project bid. E-Distribution works closely with your operations team to help manage the RFP process by analyzing the bid submissions, ensuring all vendors quote the same design and capacities. We then make vendor recommendations based on our detailed quote assessment. We also offer these services once a base design is completed on a cost plus basis with an open book bidding process.

4 Phase 4 - Project Management

E-Distribution has years of material handling expertise and factory experience, making us uniquely qualified to manage your project. We guarantee every aspect is seamlessly installed, on-time and in-budget, utilizing E-Distribution's custom application software, E-D Construction.

A few of the things we do to keep your project on track:

- Develop an installation milestone schedule with projected phase completion dates
- Breakout installation drawings and part separations by section providing accurate drawings, counts and percentage-complete reports
- Analyze vendor invoicing for accuracy and timing
- Manage freight including daily input of bills of lading by truckload and tracking totals by part number

A qualified E-Distribution Site Supervisor will oversee all daily activities to inspect vendor work and ensure it is complete per specification. We'll prepare punch lists, collect service manuals, and determine project completion dates by vendor, advising management when partial and final invoices require approval and payment.

Contact us for additional information or a custom quote for needed support services. Project and site management can be quoted using an hourly-fee based structure.



E-DISTRIBUTION

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