

# **SPECIFICATIONS**

We value experience and knowledge because there is a discernable difference between practical experience and theoretical experience.

# What we do to ensure complete customer satisfaction and system safety

Why are Solucore's specifications so important?

- Places all bidders on even keel with the scope of work, and allows for all bidders to provide similar equipment
- Protects owners from additional or hidden costs, and from unproven and experimental equipment
- Provides a benchmark to compare to, in order to ensure compliance with owner requirements
- Provides for equipment that actually performs at or better than industry standards
- As professional engineers, we understand how to configure the elevator and escalator design better than other non-engineer consultants

Solucore will perform the work outlined below. We plan to perform the following tasks shortly after being awarded a contract:

## Methodology

**Initial elevator inspections and site analysis-** We would conduct an inspection of the existing elevator system to determine the ideal scope of work and to identify the components to be replaced or refurbished. During our inspection we would gather site-specific information relevant to the activity and conduct of the elevator contractor.

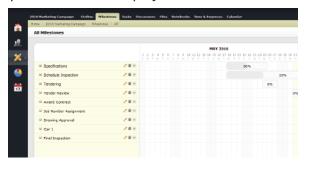
**Project sponsor interview-** We would conduct an interview with you and perform a needs analysis. This is an ideal opportunity to create a "wish-list" which would help us focus on delivering the expected product within the budget desired. Issues and options like maintenance contract, barrier free requirement, security systems, cab finishes, fixtures, enunciators, door operators, power savings and remote lobby monitors are discussed during this time so that we can deliver the desired results.

# Consultant Approach to Project - Modernization specifications

- a. We would focus on improving the elevators' reliability over the long term
- b. We would focus on replacing components that cause entrapments and reliability issues
- c. We would incorporate security features in the elevators
- d. We would ensure that the equipment is maintainable by others as well
- e. We would focus on providing the ideal short and effective installation time

Solucore Inc. uses programs 'Solupro' & Spec Generator to keep track of all the milestones and events. If a contractor falls behind on the scheduled milestones we will know immediately and will then expedite the schedule to prevent further delays. Using these tools helps facilitate meeting the completion dates of the project.









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At Solucore, we provide you with the valuable information needed to make a well informed decision on your elevator/escalator system.

# **Consultant Approach To Project (Continued)**

#### Elevator cab upgrade:

If requested, we would prepare a specification to upgrade your elevator cabs based on the finish and appearance required. We would provide ideas and photographs to assist you in determining the final product, or specify a particular design if you have one already chosen.

## Elevator maintenance specifications:

We will also provide you with a detailed maintenance section, which details a preventative maintenance schedule along with building requirements.

### Tender document:

We would prepare a detailed Bid Document based on the Specification Documents and pre-selected and approved bidders. We will also conduct a walkthrough on a pre-determined date with the contractors.

## Site meeting and walkthrough:

We would conduct a site walkthrough meeting to discuss the tender with the bidders and answer clarification questions.

### Addendums and information submittal:

We would also submit addendums and clarifications and reply to all requests for information.

## Tender review:

We would review and summarize the elevator tenders, provide comments on alternatives, and submit recommendations. We would meet once with the two low bidders to clarify their bid and assist in negotiating a contract.

#### Award letter:

After the award decision is made, we would provide on behalf of the owner a thank you letter to the bidders and issue the award to the successful bidder.

#### Shop drawing review:

We would review the elevator contractor's shop drawings for compliance with the specifications. We would make recommendations for correction as necessary.

#### Interim inspections:

During the modernization phase we would perform monthly site inspections to check the work in progress, scheduling, and to assist in the evaluation of the progress payments.

## Final acceptance inspection:

When the job is complete, we would perform a final acceptance inspection to confirm completion, proper operation, and compliance with the specifications. We would provide a report detailing our findings, a summary of performance measurements, and a listing of deficiencies.

#### Follow-up inspection:

We would perform a follow-up inspection to review the status of previously listed deficiencies.

## **Insurance Requirements**

Comprehensive General Liability Insurance -Solucore has comprehensive liability insurance. This insurance covers vehicular insurance as well as personal liability and injury.

Engineering and Architectural Services - Professional liability for errors and omissions which is substantially greater than the PEO requirements of \$250,000 and significantly greater than the equipment cost.