Hospital Scheduling Project

Choose the Best Estimate

To obtain a rough estimate for the hospital scheduling project, you spoke with several scheduling system vendors. You asked them for the estimated duration and cost of implementing their scheduling systems.

Each vendor provided values for no customization (out of the box functionality), typical level of customization, and extensive customization, which you decide to use as best, average, and worst values.

You need to choose the target estimate to give to Dr. Olsen, the COO and project sponsor.

While you evaluate the data provided by the vendors, keep in mind Dr. Olsen's strong opinions about how scheduling should be performed as well as the expiration date for the grants that help fund the project.

In addition, the original budget for the project was $750,000 based on the grant money available. Based on the more detailed information obtained from vendors, Dr. Olsen has agreed to adjust the project budget to $825,000.

Here is the information you obtained from the vendors you spoke to:

- Vendor 1 offers a high-end scheduling system with extensive built-in functionality and customization capability. With no customization, an implementation typically takes 8 months and costs $800,000. Their typical implementation takes 10 months and costs $900,000. Implementations that require a lot of customization take 12 months and cost $1,100,000.

- Vendor 2 is in the middle of the three vendors in terms of functionality and customization capabilities. With no customization, an implementation typically takes 8 months and costs $600,000. Their typical implementation takes 11 months and costs $750,000. Implementations that require a lot of customization take 13 months and cost $1,000,000.

- Vendor 3's system offers the least built-in functionality and customization capabilities. An implementation with no customization takes 7 months and costs $500,000. Their typical implementation takes 11 months and costs $650,000. With extensive customization, an implementation takes 15 months and costs $900,000.