

Trinity Facility What If Team
Minutes of the Meeting of September 21, 2008
1:30 pm Student Center

Present: Dave Mars, Scott Heemstra, Jodi McDonough, Karen Barker, Dave Van Den Brink
Guests: Jeff Barker, Michael Dykstra, Technical Arts Team
Tim Hamilton, Acoustics By Design

1. Opened with prayer from Scott H.
2. Introductions around the table.
3. Intro of the company
 - a. Independent acoustical consulting
 - b. 45 year history
 - c. 10 on staff
 - d. Work with
 - i. Auditorium
 - ii. Church
 - iii. Cinema
 - iv. Healthcare
 - v. Industrial
 - vi. K-12
 - vii. Mixed use
 - viii. Office
 - ix. Outdoor
 - x. University
 - e. Tim is senior consultant
 - i. Grad of Hope
 - ii. Volunteer audio engineer at Mars Hill
 - f. Kenric Van Wyk, principal consultant
 - i. Calvin grad
 - ii. Active in his church as well
 - g. Many professional organizations they are members of and/or active in.
 - h. How they work
 - i. Collaborative approach
 - ii. Acoustical design
 1. integrate acoustical elements into architectural design
 - iii. audio/video/lighting design
 1. develop design for integration of audio, video, and lighting
 - iv. mechanical system review
 1. low background noise for speech intelligibility
 - i. Church design
 - i. Big questions
 1. What are the programming needs?
 2. How much should audio, video, and lighting cost?
 3. How should the Technical Systems be integrated into our building?
 - j. General design parameters
 - k. Audio Design
 - i. Loudspeaker Locations
 - ii. Operator location
 - iii. System power and configuration
 - l. video considerations
 - i. screen placement
 - ii. screen size
 - iii. How bright should projector be?
 - iv. Lenses

- v. Video format: Composite, component, etc.
 - m. lighting
 - i. board/.controller
 - ii. dimmer/DMX splitter
 - iii. lighting device
 - n. Why ABD?
 - i. Put faith into action
 - ii. Donate some of money to outside ministries.
 - iii. Fiscally responsible. Make sure we know what the choices are that we're making in terms of the compromise it necessitates.
 - iv. Stable, growing company
 - 4. Our questions for him
 - a. Have you worked with Steve F? Yes
 - b. Can you explain a bit about the deliverables?
 - i. Schematic design
 - ii. Concept budget
 - iii. Construction and specification documents
 - iv. Send out for bidding by contractors
 - v. Award of contract
 - vi. System commissioning (with the contractor, if possible)
 - c. Would you be here for start-up Sunday as well? Usually that would be the contractor.
 - d. We're partnered with Cogun. Have you worked with them before? No.
 - e. Sub-contractors. Do you pre-qualify them? Yes.
 - f. Have you worked with contractors in the general area who would be good possibilities? Yes. Not in OC. ☺ But farther out. Sioux City or Sioux Falls or Omaha, etc.
 - g. Process. Who comes out? Kenric? Tim? Team? Depends on the project. Most probably Kenric and Tim.
 - h. In terms of where we're at today, wanting to revamp and be more purposeful about what we're doing currently as well – How can we do this ministry better? - how could you be helpful to us? Lay out a road map for 5 or 10 years down the road. **(Technology requirements need to be part of the ongoing budget.)**
 - i. How much do you help churches reuse their existing equipment? They look carefully at the whole picture and all of the resources we have available and figure out the best way to make good use of them.
 - j. So what's this all gonna cost? Depends on what services we want them to provide. Approx 7 – 8 % of budget, but then he talked about 10%. Preference is to work on a fixed fee. ABD will put together a scope of services and let us respond.
 - k. Is what we have budgeted realistic? What we have budgeted for is good, solid tech. Not the Cadillac version. Compromises usually are between functionality and quality.
 - l. Can you distinguish between functionality and quality?
 - i. Functionality = how big the board is, for example.
 - ii. Quality = how good the technology is
 - m. Are there thresholds where you increase on functionality and quality? Where is the line over which we have sacrificed too much either in functionality or quality? Sure. But we won't know until we get it all on paper. Then we can begin to make the choices (compromises) we need to make.
 - n. At what point in the process of designing the building do you want to be "in"? The earlier the better.
 - 5. Adjourned at 3:00. Karen said the closing prayer. (After Scott berated her for being too quiet.)
 - 6. Next meeting is tomorrow, Monday night, 6:00.
- Submitted by Karen Barker