

Tom Parish
Project Leader – and Primary Content Developer
www.tomparishphotography.com
tomparishphoto@gmail.com
(785) 341- 4814
w/ The Chapman Center for Rural Studies and Redi Systems

Proposal for Peach Memorial Auditorium Interactive/Kiosk

Estimated Costs Related to Interactive Design and Content Development:

(for creating the interface for the Peace Memorial Kiosk and developing the historical/biographical content it requires):

Creation of the interactive interface for Peace Memorial kiosk and development of “sister” website will require approximately 20 hours from me (Tom Parish) weekly (on average) for 10 weeks. Some weeks will require significantly more time than others, but this amount of time should cover the preparation and design of the interactive piece required for the kiosk itself.

A discounted hourly rate of \$35 will be applied to the work I (Tom Parish) do on the website up to \$7,500. \$7,500 will be the cap for creating the basic website and content areas to be featured on the kiosk itself. This will cover 210 hours of work over 10 weeks. Initial work required for the Kiosk interactive above this will be done pro-bono and/or as service hours. Additional historical and biographical content developed for and included in both the live website and on the kiosk, will be done above this cost. See next section for more on this side of the work.

Procurement and development of historical and biographical content that will be required for the site is also an important consideration. For the most part this work will be done in addition to the time I spent designing and developing the architecture for the website itself. This will require the help of volunteers from the committee and the broader community to take part in collecting and submitting materials related to the veterans that the memorial is meant to honor. It is also critical that we have someone who is charged with developing these materials as well as editing materials which are submitted. This person (and others) will need to be fairly compensated. Professor Bonnie Lynn-Sherow, the Director of The Chapman Center for Rural Studies has agreed to offer the Chapman’s help with this portion of the work. The Chapman Center will also help cover the costs of these additional person hours as well as the associated overhead costs that the work requires.

Working through the Chapman Center, and under my supervision, Bradley Galka will be charged with leading these efforts. He will be the lead writer and editor for the content on the site. During the course of this project, and while working for the Chapman Center he’ll be able to focus a portion of his regular weekly schedule on this work. Along with Bradley Galka, the Chapman Center will provide the help of additional student interns and supporting staff who can help to put out a call for biographical materials, digitize gathered materials as well as to arrange and conduct personal interviews with veterans and their families. It’s hard to quantify this cost but I’d suggest it’s approximately another \$7,800 to above the cost required to build the website itself. The Chapman Center will consider this cost a donation/contribution to the project, but would simply ask to be appropriately recognized for the contribution (i.e. sponsoring agency).

Purchasing a domain name and finding a hosting service needs to happen as soon as possible in order to establish a home base for the website and to begin the actual work on the website. I have used justhost for websites I've worked on in the past, but am willing to consider services that the City of Manhattan already utilizes. Hosting service will be subscription based and will require an annual payment. I estimate the cost of purchasing a domain name and a yearly hosting fee to be between \$30 and \$150 a year. Part of the difference in cost is based on the selection of .org, .com or .net for the website url (.org is usually the most expensive). This payment can be reduced if paying for several years at a time.

Looking into available domain names, I found that both www.peacememorialmanhattan.com and www.peacememorialmanhattan.org were both available. It would be wise to purchase both so that one can direct a visitor to the other. A third "dummy" domain can be purchased if the kiosk interactive has to be hosted online, and a version of the site without external links is required.

Cost estimate for interactive/web design and initial content development = \$7,550 to \$7,650. Including an additional \$7,800 for estimated indirect costs and services which will be covered by the Chapman Center for Rural Studies.

Training and Service after Sale:

Training and service after sale will be administered by me (Tom Parish) and/or a representative of Redi-Systems. I'll take care of any software issues and Redi-systems will be available for any problems related to the hardware. Depending on the hardware configuration which is chosen for the kiosk, there might be very little that to be done onsite to both update and to operate the Kiosk. However, the exact hardware configuration for the Kiosk is still TBD. At this point it comes down to two basic options: The first using a Brightsign player for running the web-interactive on a touchscreen monitor. Option two would entail an all-in-one touchscreen PC. In either case there is the option of having the kiosk configured with one or two touchscreens. The version illustrated in the included mock-up is configured with two stations.

The following details training and service that would be involved with either setup:

Option 1 - Brightsign system:

Using a Brightsign player seems to be a viable option for running a web-based interactive and would allow nearly all required content and system updates to be performed remotely. This will require an internet connection. However, the system is reportedly able to lock the interface down and won't allow users to access content outside of prescribed boundaries. Updates to content can be done in the background without interfering with the user's experience. Redi-Systems is currently testing whether the player can locally host a web based interactive.

The system is also able to be easily programmed to turn on and off and prescribed times so there is little need for any interaction with City of Manhattan Employees. It is suggested that at least one individual working for the city is trained to operate the Brightsign player and have the software available on a City of Manhattan PC. This will enable them to power off or power back on the kiosk as needed for special events and other unforeseen reasons. Since Brightsign is already utilized throughout city hall, there might not be any further training or acquisition of software required.

Total cost for this configuration = \$7,450.79 (See 42" quote from Redi-Systems for specifics. Price is reduced to by \$1500 to reflect the reduction in touchscreen monitor size.)

Option 2 – Standalone touchscreen PC:

This option should be less expensive on the front end and also be an easy system to upgrade as needed in the future. However, periodic maintenance and updates will need to be done in person and will require myself or redi-systems to make occasional site visits to perform these updates. My same hourly rate will apply to this future work but I don't expect there would be more than a few hours required to perform these duties more than 2 or 3 times annually. Redi-Systems will need to provide a quote for their post-installation hardware support policies.

Training should be straight forward and I will do whatever training is needed. The equipment itself will need to be powered on and off each day and would also require an individual to launch the locally hosted website. It would also be necessary for an individual to put the browser into kiosk mode in order to lose all external navigation. This isn't difficult but would be a disadvantage when compared to the Brightsign player. This configuration would only require an internet connection when performing system updates.

Total cost for this configuration = \$5,497.00 (See 32" quote from Redi-Systems specifics)

Cost associated with building kiosk: (view included mock-up of kiosk for details).

I propose a maximum budget of \$6,000 for the construction of the kiosk itself. I think the overall design and configuration of the kiosk should be agreed upon before presenting the idea to 2 or 3 contractors for quotes. Trinium Construction and Hartford Carpentry are willing to do the work. It will likely also be required to have Bruce McMillin create needed construction documents. This could also be done by the contractors themselves or even a student recruited from the Architecture Department at K-State. This is all still to be determined.

Additional projected costs:

Further development of the Peace Memorial "Living History" website. While designing the web-based interface for the Peace Memorial Kiosk, a sister site will be created that will be hosted online and that will be accessible to the public from their own homes and devices. This public website represents a significant and important expansion of the interface which will be available on the kiosk. Importantly this will allow for visitors to learn more about the memorial and the soldiers that it honors from their own devices and at their leisure. It is hoped that the content presented on this "Living History" website will continue to be expanded and developed long after the Peace Memorial Auditoriums dedication. In order for this to happen, it is important to set aside funds or to have funding available to pay for the creation and posting of additional original and submitted content.

The first portion of this will entail the completion of bio pages related to all 101 of the "forgotten soldiers" who served in WWII from Riley County. Additionally after the initial dedication of the memorial it is hoped that more photos, audio and film footage will surface that can also be added to the existing bios that the kiosk will feature locally. With any luck there will be a great deal more material that will come forward that can enrich the site and better preserve the memory of those that gave so much for our community and our nation.

I suggest making available another \$2500 to allow for the development of this expanded content (the additional 91 of the 101). In addition to the expanded bios there are two other content areas that will be made specifically for the public website; A contribute/journal page and a page of links to related content and to other City of Manhattan websites. The money required for this additional web development can be made available through funding that was originally earmarked for the creation of a website after the kiosk was completed. Since the websites creation will coincide with the kiosk itself, the additional funds will only need to cover the cost of the creating the expanded content. This work will be done in earnest over the year that follows the memorials dedication and when interest in the memorial is at its peak.

After the initial 101 bios have been added there will also be an additional content area that will work like an online journal and will require some ongoing maintenance. Specifically a person to perform period work as web master – accepting and posting the submitted stories, and potentially another person who can be in charge of editing the content of and generally curating the content within this section of the site. I don't foresee this requiring more than a couple dozen hours a year to complete. Both Brad Galka and I would be interested in continuing our work in this capacity. I'll maintain my hourly rate (\$35) and Bradly should be similarly compensated. This content areas are optional but would truly make the site a "living history" website and one that will better help draw people to the memorial and to more fully connect the memorial to the local community.

Total Estimated Cost of Kiosk (before construction and projected future costs): \$22,900
Of which \$7,800 will be covered by the Chapman Center. Remaining cost: **\$15,100**

Suggested timeframe for project:

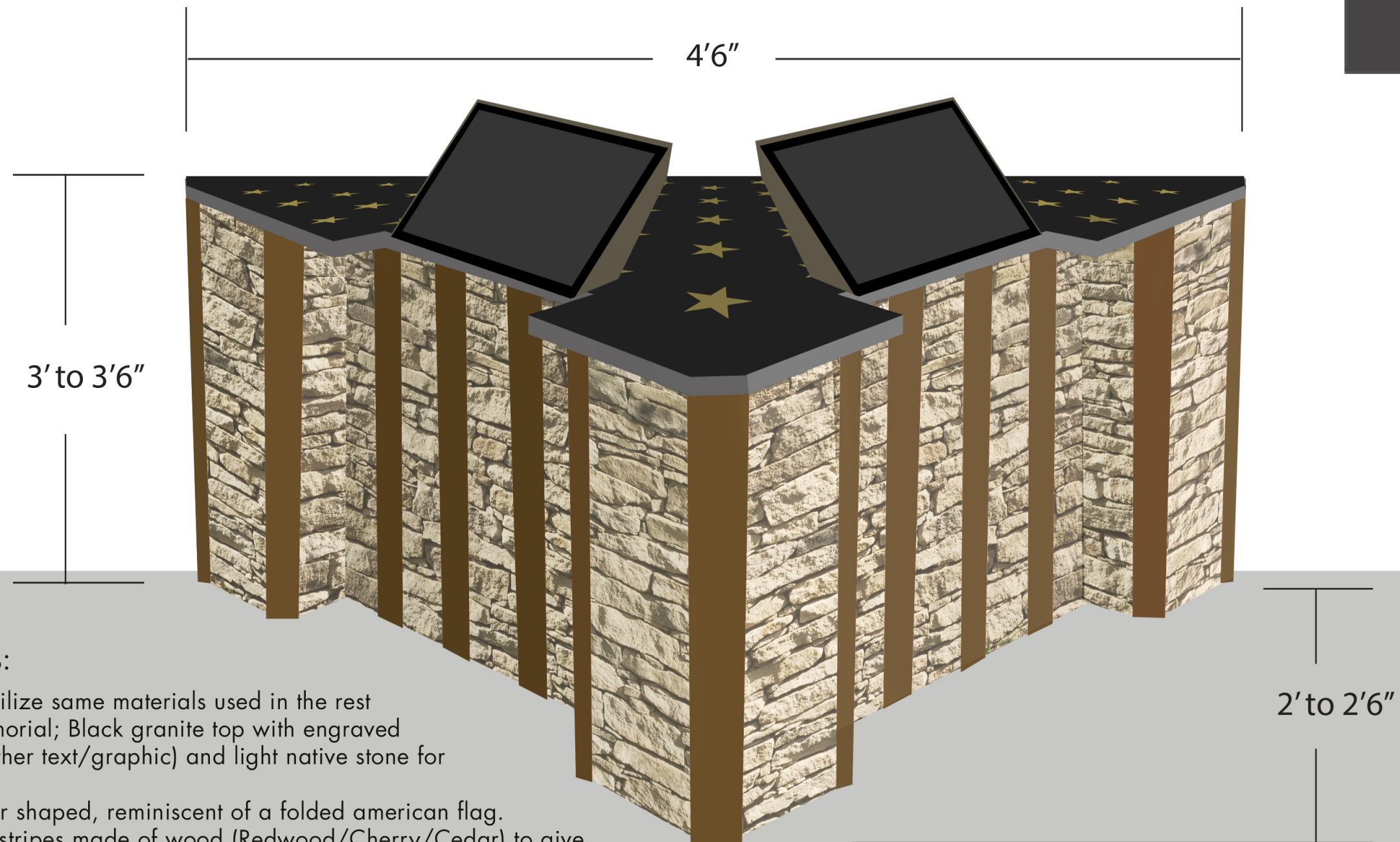
Work on the Kiosk should begin soon in order to have the work completed by the end of September, to coincide with the dedication of the new Peace Memorial Auditorium. I believe that all work on the Kiosk itself can be done by then but we should allow for a full 12 weeks in order to finish both the interactive and physical elements required. This should leave some cushion to allow for unforeseen challenges and to respond to any requests from the Peace Memorial committees. An additional 2 weeks should be available before the dedication of the auditorium to allow the committee and the City of Manhattan officials to test the interactive elements and request additional changes.

Basic timeframe for work on Peace Memorial Kiosk: June 1st, 2017 thru September 5th, 2017.

Summary of costs related to creation of Peace Memorial Auditorium kiosk:

Activity	By Whom	Associated Cost
Creation of interactive for Kiosk	Tom Parish	\$7,500
Collection, creation and curating of content for kiosk + other incidental costs	Chapman Center for Rural Studies	\$7,800*
Cost for domain name and hosting of website	Justhost.com or similar	\$30 to \$150 annually
Training and service after sale	Tom Parish and Ready Systems	TBD (T. Parish @ \$35 hourly)
Cost of hardware for Kiosk (including installation)	Redi-Systems	Option 1: \$7,450.79 Option 2: \$5,497.00
Proposed budget for construction of kiosk	Trinium Construction Or, Hartford Carpentry	\$6,000
	Total: `	\$28,900.79
	*Total reflecting CCRS contribution: `	\$21,100.79

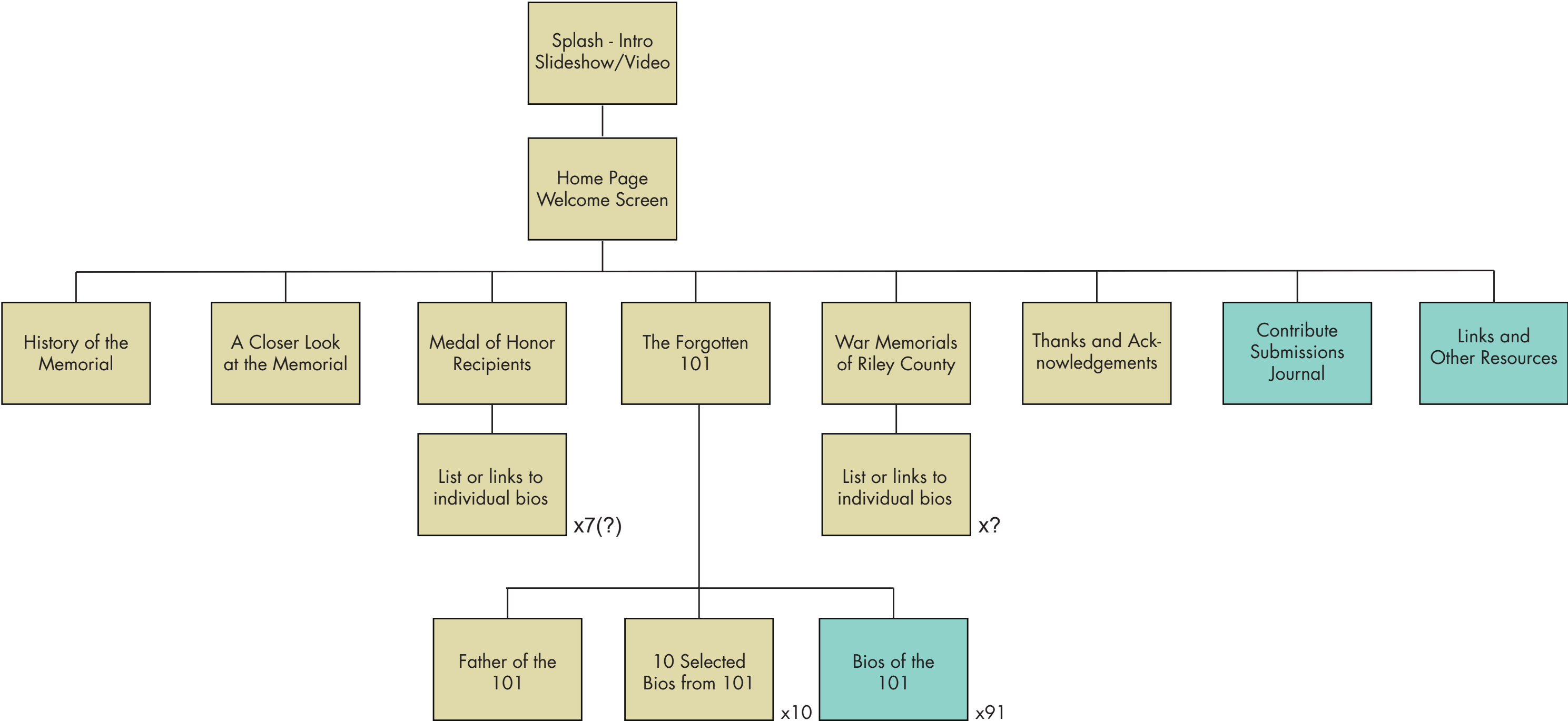
Peace Memorial Kiosk - Mock-up (05/11/17)





Features:

- Should utilize same materials used in the rest of the memorial; Black granite top with engraved stars (or other text/graphic) and light native stone for the base
- Triangular shaped, reminiscent of a folded american flag.
- Corners/strips made of wood (Redwood/Cherry/Cedar) to give impression of the stripes on the flag while providing softer edges.
- Includes housing or secure mount for two 27" touchscreen monitors.
- Slits or grate cut into cabinet or top for speakers.
- Meet ADA requirements for room for wheel chair.
- Should be anchored to wall.

(not to scale/proportion)



-  Content to be completed by memorial dedication.
-  Content that will require continued development and managment. Will be available later on the kiosks live "sister" website.



Peace Memorial Digital Signage City of Manhattan



sales@redisystemsinc.com

| 785.587.9100

| www.redisystemsinc.com

Peace Memorial Digital Signage

05/15/2017 | Sales Rep: Preston Davis

Interactive Digital Signage

2 Each AVNU PF32H1B-CT: 32" All-In-One Multi-Touch Display. (Internal Speakers)



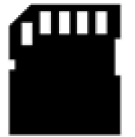
2 Each Strong SM-T-M: Mount for 42" Displays.



2 Each WattBox WB-200-2: Mounted Surge Protector, 2-Outlets, 2160J, EMI/RFI Filtration.



2 Each BrightSign, LLC. SD CARD: SD Card for BrightSign Applications.



1 Redi Systems Incidental: Materials/Supplies (Cat6 Cabling, Connectors, Wire Management)



1 Redi Systems Note: Kiosk to be built and supplied by others.



Interactive Digital Signage Total: \$5,497.00

05/15/2017 | Sales Rep: Preston Davis

Redi Systems | 1601 Tuttle Creek Blvd. Manhattan KS 66502 | 785-587-9100

Peace Memorial Digital Signage

05/15/2017 | Sales Rep: Preston Davis

Summary Of Costs

Subtotal :	\$5,497.00
Tax (0%) :	\$0.00
Grand Total :	\$5,497.00

Payment Terms

Percentage	Description	Amount
70%	Upon Acceptance	\$3,847.90
30%	Upon Completion	\$1,649.10

Acceptance

City of Manhattan

Date

Redi Systems

Date

05/15/2017 | Sales Rep: Preston Davis

Redi Systems | 1601 Tuttle Creek Blvd. Manhattan KS 66502 | 785-587-9100

Peace Memorial Digital Signage

05/09/2017 | Sales Rep: Preston Davis

Interactive Digital Signage

2 Each BenQ IL420: 42" 1080p LED Multi Touch Display. (Internal Speakers)



2 Each Strong SM-T-M: Mount for 42" Displays.



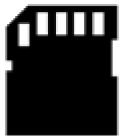
2 Each WattBox WB-200-2: Mounted Surge Protector, 2-Outlets, 2160J, EMI/RFI Filtration.



2 Each BrightSign, LLC. XT1143: Networked Interactive Digital Signage Player w/PoE+.



2 Each BrightSign, LLC. SD CARD: SD Card for BrightSign Applications.



1 Redi Systems Incidental: Materials/Supplies (Cat6 Cabling, Connectors, Wire Management)



1 Redi Systems Note: Kiosk to be built and supplied by others.



Interactive Digital Signage Total: \$8,950.79

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Redi Systems | 1601 Tuttle Creek Blvd. Manhattan KS 66502 | 785-587-9100

Peace Memorial Digital Signage

05/09/2017 | Sales Rep: Preston Davis

Summary Of Costs

Subtotal :	\$8,950.79
Tax (0%) :	\$0.00
Grand Total :	\$8,950.79

Payment Terms

Percentage	Description	Amount
60%	Upon Acceptance	\$5,370.47
40%	Upon Completion	\$3,580.32

Acceptance

City of Manhattan

Date

Redi Systems

Date

05/09/2017 | Sales Rep: Preston Davis

Redi Systems | 1601 Tuttle Creek Blvd. Manhattan KS 66502 | 785-587-9100



Peace Memorial Digital Signage

05/09/2017 | Sales Rep: Preston Davis

Sales Tax Not Included in Proposal Pricing.

Redi Systems Warranty: All parts and labor covered for 90 days.

Manufacturer's Warranty: Independent manufacturer warranties vary, labor and shipping to be charged at current rate.

Return Policy: Unopened non-special order items may be returned within 10 days.

05/09/2017 | Sales Rep: Preston Davis

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Notes from Bruce McMillan

Regarding observations on the concept. If individuals in a wheelchair, i.e. ADA, need to use this, the maximum counter height is 34". The sides you show can be higher however the bottom of the screen should be lowered. Also, there needs to be a space for a person in a wheel chair to get their legs under the screen location meaning a deeper recess than shown. You might take a look at an ADA compliant drinking fountain and how it is set up.

As long as the materials and trim are OK with the committee and the city I am fine. I would offer that a base trim be added rather than the stone going to the floor as this is likely to get kicked a lot as opposed to the wall where folks may be a little further back.

Once this is concurred upon it will be beneficial to determine the final weight of the unit and floor loading requirements.