Technical Rider and Information
Charles Ives: Symphony No. 2
The Things our Fathers Loved
Show Length: ~58' plus 20' performance of work

Materials (provided by CSO)

CSO shall provide to Presenter the materials listed below to be used according to the terms of the Agreement.

1. Scripts for Narrator and Actor
2. Stage Manager's score
3. Conductor's score and materials for Beyond the Score® parts
4. Projection media with show images in Isadora 2.2 format

Travelling members (provided by CSO)

CSO shall provide to Presenter the services listed below to be used according to the terms of the Agreement.

1. Production Stage Manager

Performers and Personnel (provided by Presenter)

Presenter shall provide the performers listed below to be used according to the terms of the Beyond the Score Agreement.

1. Conductor
2. Orchestra of the following size:
   3[1.2.pic] 2 2 3[1.2.cbn] - 4 2 3 1 - tmp+2 - pno/org – chor ensemble [SATB] - str
3. 1 Male actor performing the role of Charles Ives
4. 1 femail actor performing the role of Harmony, Charles Ives' wife
5. A Pianist performing an upright piano and a portative organ/harmonium)
6. 4 singers (SATB – mainly singing spirituals and church hymns) * also noted above in orch instrumenation
7. Projectionist experienced with computer-driven HD projections
8. Stagehand labor
9. Soundboard operator
10. Lightboard operator
11. Librarian or separate score reader to advance "now serving" musical cue numbers to display to orchestra during show. Cue numbers will be displayed on Powerpoint on a separate system than projections.

Technical Information

CSO agrees to furnish the following at CSO's expense:

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-- Hard-drive and link to cloud storage with show images in <u>Isadora</u> format.
-- Scripts for actors
-- Cuing score for Production Stage Manager
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SOUND (subject to advance)
-- Sound equipment to amplify spoken word clearly and consistently throughout concert hall;
2 wireless head or body microphones (DPA 4065 or equivalent); sound to be mixed from in-house position. Back-up microphones for actors are recommended.
-- 2 floor mics for the four singers (could also be four wireless head/body mics).
 -- Audio patch from projection computer to sound board. Many visual sequences have integrated sound.
-- CD player or audio playback laptop (recommended) <u>and operator</u> are needed for all non-orchestral rehearsals to play orchestral excerpts. Excerpts will be provided as CD and as MP3/playlist, and should be played through the primary sound system.
-- Clearcom system for communication between Production Stage Manager, soundboard operator, lightboard operator and projectionist, and for musical excerpt player for non-orchestral rehearsals.

LIGHTING (subject to advance)
-- Specials focused on actors (downstage center-right), conductor, piano/organist (stage left), and four singers (stage left).
-- Optional specials on concert master, horn, trumpet, trombones/tuba.
-- Stand lights for orchestra members and conductor powered from light board and dimmable; recommend use of hoods or other masking device for orchestra stand lights to minimize spill onto screen. Stand lights to be removed at intermission (2nd half of concert in regular concert lighting).

PROJECTION/SCREEN for Primary projections (Subject to advance)
-- Minimum 16' x 28' screen to accommodate 16:9 aspect ratio images, centered above orchestra as needed for optimal sightlines (retractable screen is optimal).
--Appropriate location from which to project with appropriate power requirements for projection equipment.
— Projector should feature a minimum resolution of 1920x1080, and a minimum brightness of 14,000 lumens.
-- A main projection computer consisting of a **MacPro [**This is a desktop tower computer and NOT a MacBook Pro Laptop]***** or similar model running MacOS 10.11 or later. The computer must have a Retina display and at least a quad-core processor, a Solid State Hard Drive, a minimum of 8GB of RAM, and a minimum of 2GB of video RAM. This computer should have its own wired dedicated monitor, keyboard, and mouse (or pointing device).
— This show has embedded audio. As such, the projection computer must have the ability to output audio. A stereo audio connection to the venue's sound system is necessary. This can be via the built-in audio output (3.5mm), or using a digital audio interface.
-- Backup computer recommended. Backup computer should mirror the projection computer, but a MacBook Pro with Retina display (2014 or later) can be used as a backup as needed. Note that
used in place of a second MacPro as a backup.

-- 2 "now serving" [downstage left, downstage right or in house] number displays indicating to orchestra the current/next excerpt. Librarian (or other qualified person) follows along in script and advances numbers with remote when appropriate. Effect can be accomplished with laptop running PowerPoint and 2 monitors onstage in view of the musicians. We recommend this be operated by the same individual who operates music examples for non-orchestral rehearsals.

--Presenter will be required to download and rent via temporary license appropriate projection software as required by show. Projection format will be in either Isadora or QLab formats.

--A Folsom Screen Pro switcher (or similar switcher) is necessary if using a backup computer

-- All necessary cables and distribution

CONCERT DRESS

--period costumes for male and female actors. Male actor should wear a hat in period style.

--black suites for choral singers and pianist

SPECIAL INSTRUMENTS:

-- An Upright piano with bench and light

-- Portative organ or Harmonium with bench and light – see photo

OTHER

Recommended Props: 2 wicker chairs for actors

-- 4 Chairs for 4 singers

-- Placement for Production Stage Manager in front of house position (i.e., booth) or backstage with video monitors (one large overall stage view and one conductor view) and audio monitor.

-- Music stand with stand light and ClearCom in central main-floor location for rehearsals as requested by Production Stage Manager.

-- Stagehand labor required to focus and run lighting, mix amplified sound, and rig screen. Projectionist to set and run projection, including switching of called images. (Soundboard operator, lightboard operator, projectionist and other personnel involved in concert should be present at all rehearsals, including run-throughs.).

-- 2 "now serving" [downstage left, downstage right or in house] number displays indicating to orchestra the current/next excerpt. Librarian (or other qualified person) follows along in script and advances numbers with remote when appropriate. Effect can be accomplished with laptop running PowerPoint and 2 monitors operated from backstage. We recommend this be operated by the same individual who operates music examples for non-orchestral rehearsals.

PICTURE OF STAGE SETUP FROM ORIGINAL PRODUCTION
**Note that original production used a oversize large screen – this is not a requirement for presentors