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For each program summarized on page one, submit: A Program Request Sheet, a program budget, and any supplementary materials you wish to attach. If you are requesting funds for more than one program, reproduce this page (either photocopied or typed) for each program.

1. Name of organization **Experimental Television Center Ltd.**

   Program title (as shown on page one) **Technical Innovations Projects: Dave Jones**

   Program priority number (as shown on page one) _____

   Name and telephone of person responsible for this program **Dave Jones 607 723-9509**

   Program starting date (as shown on page one) **July 1, 1976**   Ending date **December 31, 1976**

   Location (facility and address) **Experimental Television Center 164 Court St. Binghamton NY**

   County(ies) in which services will be offered. If more than one, estimate the dollar amount

   of requested NYSCA funds to be used per county **Broome; equipment will be available to artists from throughout the State.**

2. Complete description of program or activity within this space.

   This proposal is a series of three projects involving modifications to existing video equipment or the design and construction of new systems.

   1. Wipe Generator Bank: One of the basic video tools has been the SEG. We would like to take one aspect of this system and expand it to increase image making potentials for the artist. The wipe effect has been largely overlooked because it is capable of nothing more than split screen wipes and corner inserts. With this proposed bank the possibilities are exciting. With nine inputs, nine distinct images can be displayed on one screen simultaneously; combinations of images are innumerable.
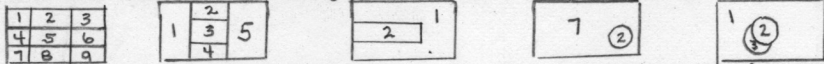
   2. Digital Raster Manipulation (video storage unit): The Center has been concentrating efforts in the area of colorizers, keyers and other manipulations of the video signal that generally alter the image in ways which do not control the raster directly. The exception to this is the simple raster control through the application of magnetic fields outside the CRT. We would like to investigate the use of low cost memory and other digital components in a raster manipulation unit. The proposed unit will:1.still frame and store frame 2. store and recall any portion of the raster in any combination 3. move a section of the raster to any other position 4. reverse images around horizontal and vertical axis 5. enlarge image size to double or reduce to half size. This unit will have low but usable resolution; matrix resolution will vary from 64x64 to 128x128 and in 1/2 screen size 256x256. It will also vary from 16 to 32 shades of gray. The cost of 525x525 resolution is prohibitive because of the enormous storage capacity required. It must be emphasized that this unit is a basic idea which can be added to; eventually it will have capabilities similar to the Rutt/Etra, using concepts not included in the Rutt/Etra design.

   3. Modifications to the Jones Colorizer: The development of the Jones was supported by the Council in 1974-75. This proposal includes modifications to the basic design to incorporate digital switching, an internal sync generator and new control panel.

   The results of these three projects in the form of equipment and systems will be made available for use by visiting videomakers at the Center.

   Attached: vita: Dave Jones
                  Itemized Budget

3. Attach a detailed program budget following the Budget Instructions in the Guidelines.

   Enter from your attached budget: Cost of program $ **10,175.00** Amount requested $ **10,175.00**
   (These figures should agree with those shown on page one.)

David Jones
   April 23, 1953
   Video Systems Designer
Technician and systems design consultant, Experimental TV Center, Ltd.

Education:
   1971 Dearborn High School Dearborn, Michigan
   1973 SONY Video Technical Training School Long Island City, New York

Employment:
   1971 Vice-president of maintenance and engineering for Videoheads
              of Europe in partnership with Jack Monroe
   1971 Coordinator and instructor, Video Cinema Program Melkweg,
              a youth club funded by the city of Amsterdam Holland
   1972 Instructor Video course at the University of Paris France
   1973 Technician C.T.L. Electronics New York City
   1973 Director and technician Silver Bullet Video Company Chichester,
              New York repairs and custom modifications to video equipment
   1974- Technician and systems design Experimental Television Center,
     76   Ltd. Binghamton, New York

   1977- Consultant, Open Studios Video Project, Rhinebeck N.Y.
     78

   1978- Independent Video Systems Designer
  present

                          video exhibitions in
Selected Exhibitions   ∧ Paris, Amsterdam, Rotterdam & Grenoble

   1971-79   'Mesh' in collab. w/ Gary Hill, Everson Museum of Art, Syracuse

             'Info, Works & Activities of the ETC', Everson Museum of Art, Syracuse
                                                      in collab. w/ M.B & P.B.
             'Movements for Video, Dance & Music', Herbert F. Johnson Museum, Ithaca
             & Everson Museum of Art, Syracuse
                                        ETC, Bing
             'Video & Dancing in Bing' in collab. w/ the ETC & the ADA. ✦