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2000 APPLICATION

APPLICANT (OFFICIAL OR LEGAL NAME) W.E.B. DuBois Learning Center	
PROJECT TITLE The W.E.B. DuBois Learning Center Proposal to Narrow the Digital Divide Through the Establishment of a Telecommunications Hub and Satellite Centers	
*PROJECT LOCATION (STREET, CITY, COUNTY, AND ZIP CODE) 5501 Cleveland Kansas City, MO Jackson County, 64130	
CONTACT PERSON/PROJECT ADMINISTRATOR (FIRST NAME, LAST NAME, TITLE) Leon L Dixon, Chairman	
MAILING ADDRESS (STREET ADDRESS, PO BOX, CITY, STATE, AND ZIP CODE) 3016 E. 67 th Street KCMO 64132	
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E-MAIL ADDRESS lldixon@duboislrc.org	
DIRECTOR (FIRST NAME, LAST NAME, TITLE) Bill Grace, Director	DAY PHONE (INCLUDE EXTENSION) (816) 523-3339
PROPOSED PROJECT FUND-RAISING PERIOD (PLEASE CIRCLE ONE) <div style="display: flex; justify-content: space-around; align-items: center;"> 12 Months 24 Months 36 Months </div> <p>The fund-raising period is your project period. This is the timeframe in which all activities, i.e. fund-raising, service delivery, expenditures, and/or construction, related to the proposed project will be completed. Excluding the required final audit, and project evaluation. Please circle either 24 or 6 months if the project involves construction or renovation. Circle 12 or 25 months for service delivery projects. (refer to page 12 in application instructions.)</p>	
*Provide information in regards to the physical location where your project takes place. If your project takes place at more than one site, use the physical location of your administrative office.	
WHICH CATEGORY DOES YOUR PROJECT QUALIFY UNDER PRIMARILY? CHOOSE ONE ONLY.	
<input type="checkbox"/> Adopt-a-School <input type="checkbox"/> Degree Completion <input type="checkbox"/> Internship/Apprenticeship <input type="checkbox"/> Youth Club or Association <input type="checkbox"/> Mentor/Role Model <input type="checkbox"/> Counseling	<input type="checkbox"/> Substance Abuse Prevention <input type="checkbox"/> Violence Prevention <input checked="" type="checkbox"/> Youth Activity Center <input type="checkbox"/> Conflict Resolution <input type="checkbox"/> Employment <input type="checkbox"/> Other

INSTRUCTIONS: Please answer questions (2. through 13.) on separate sheets of paper. Provide brief and concise answers, while answering the questions as thoroughly as possible. Answers to individual questions should be no more than half a page when using ten or twelve font and absolutely no more than one full page.

1. Which YOP program outcome(s) will this project impact?

<input checked="" type="checkbox"/>	Increase the number of at-risk youth that receive a high school diploma
<input checked="" type="checkbox"/>	Increase the number of at-risk youth that receive a GED
<input checked="" type="checkbox"/>	Increase the number of at-risk youth that remain in school and earn course credit(s) toward their diploma.
<input checked="" type="checkbox"/>	Reduce the number of at-risk youth committing crimes and violent acts.
<input type="checkbox"/>	Decrease the number of at-risk female teen that becomes pregnant.
<input type="checkbox"/>	Increase the number of youth that have completed alcohol and drug awareness programs and abstain from alcohol and drug use.
<input type="checkbox"/>	Increase the number of at-risk youth that have completed and employment skills education and development program
<input type="checkbox"/>	Other

PRODUCT/SERVICES OFFERED

2. *Describe the services your project will offer the youth targeted, the key features and the comparative advantages over other projects in your area that target the same population and offer similar services. If you are proposing a construction, renovation or property acquisition project, you also must demonstrate a growing need that necessitates physical expansion or that the existing structure presents a threat to the health and well being of clients.*

This project will make it possible for the W.E.B. DuBois Learning Center (DLC) to develop a Technology Center (centralized hub) for Kansas City's Inner City community. Linking satellite centers to the DLC will maximize limited computer resources and create a virtual youth activity center at each satellite center. Placement of servers at the DLC and utilization of Thin Client technology in remote sites (satellite centers) greatly reduces overall administration needs and equipment costs.

To accomplish these objectives, the DLC will provide servers that can be centrally maintained and administered (at the DLC); thus, significantly reducing the amount of expertise and equipment required to support multiple sites. A simple viewing station, with minimal configuration required (Net station), would be used as information access points at each satellite center. These information access points offer the following services and advantages:

- Large numbers of community residents (at the satellite centers) will be able to access the expertise and resources at the DLC through the network.
- Equipment at the satellite locations will be virtually maintenance free; thus, decreasing the amount of technical expertise required at each location.
- The network will facilitate the sharing of Internet connection, equipment, and software licenses.
- With centralized administration, security is strengthened:
 - Access to inappropriate web sites by youth will be monitored and, therefore, eliminated or at a minimum greatly curtailed.
 - The introduction and spreading of computer viruses will be minimized.

YOUTH TARGETED

3. *Define the number and characteristics of the youth your project will target. Indicate how these youth are different from the broader population of youth in your service area that you will not target. Why will the targeted youth use your services? Include geographical services area and census data. Indicate if your project is located in a Federal Empowerment Zone or Enterprise Community, or located in a state Enterprise Zone.*

Census Tract #79, which comprises the neighborhood surrounding the DuBois Learning Center, is characterized as having the largest number of welfare recipients in Jackson County, according to

the 1996 Local Investment Commission (LINC) study of home addresses of welfare recipients at the census tract level. This census tract is also characterized as having the largest enrollment of children in the Kansas City, Missouri School District, according to a mapping project undertaken by Youth Net of Greater Kansas City in 1996. Data released by the Kansas City Police Department, also ranks this census tract in the top five for serious crime.

This predominantly black, economically disadvantaged neighborhood is in need of a major youth development initiative to nurture 1,200 at-risk children. The number of youth targeted to successfully complete programs submitted for budget - Cost/Youth ratio is twenty-five percent of the 1,200 at-risk children.

4. *Explain why the targeted youth want your services or will be persuaded to try them. Were these youth involved in planning, implementing, and evaluating the project? To what extent will they be involved in generating ideas and implementing needed change with the project?*

There is a growing digital divide in the United States (and in Kansas City, Missouri), particularly in inner city, low-income communities, due to the lack of resources, expertise, and access to the tools of technology, including Internet access. Without immediate and aggressive intervention, the digital divide will become broader and low-income city residents will be locked out of the Information age. Today's low-income youth will simply not be prepared to become the workers of tomorrow, if they do not develop the skills needed to obtain technologies jobs.

W.E.B. DuBois Learning Center staff work with large numbers of youth each week. This proposal includes suggestions from youth who participate at the DLC and from needs identified by youth who participate in other Swope Corridor youth programs.

Periodically, youth participants at the DLC and the satellite centers will be asked to evaluate the program. Their input will be assessed and the program will be revised as appropriate.

ORGANIZATIONAL HISTORY

5. *Briefly discuss your organization's history and discuss the different services it offers. Summarize two of your organization's past project similar to this proposed project.*

The W.E.B. DuBois Learning Center has provided academic tutoring services to elementary and secondary minority students in the metropolitan Kansas City area since 1973. Students in the Reading, Math, and Science programs are much better off today than they were at their initial registration. The DLC is unique in that struggling students become competent and competent students become proficient. At the same time ALL students are exposed to black professional men and women, such as doctors, lawyers, engineers, architects, scientists, mathematicians, etc., all of whom provide the youth with POSITIVE role models. Thus, the DLC has earned an undisputedly positive reputation for success in tutoring underachievers and in providing academic enrichment for talented youth.

In 1978, the DLC worked with high school dropouts and provided them with job training and GED preparation. The students were given training in the operation of a printing press and on-the-job experience with in-house printing, in non-profit corporations. Upon completion of the program, the students were provided assistance in securing employment.

An on-going project at the DLC is working with high school students who have expressed an interesting in teaching as a profession. These students are given stipends for tutoring elementary-age students enrolled in our regular reading and mathematics tutoring programs. This provides these students who aspire to be teachers with hands-on teaching experience. Upon graduation from high school, these students are presented with letters of recommendation for college entrance and assistance in obtaining financial aid.

PROJECT OUTCOME

6. *Please list and discuss the specific outcomes your organization is committed to achieving through this proposed project. If you are proposing a construction, renovation or property acquisition project, list and discuss the outcomes for the activities that will take place in the facility once construction, renovation, or acquisition is completed. (Note: refer to 12 of application instructions.)*

The connection of the satellite centers to the DuBois Learning Center will create multiple virtual youth activity centers. Utilizing churches and community centers ensures a safe, secure haven for targeted at-risk youth. Participation in the activities provided at these sites will:

- Increase the reading and grade levels of the youth.
- Increase the confidence and knowledge levels of the youth; thus, encouraging them to stay in school and earn credit toward graduation.
- Prepare youth's to obtain jobs requiring technological skills, to return to school, and or obtain a GED.
- Increase the access of youth to information technology and narrow the digital divide.

PROJECT PERFORMANCES TARGETS

7. *Please list and discuss the performance targets you are committed to achieving. Discuss why you have chosen these targets, rather than setting higher or lower targets. If you are opposing a construction, renovation or property acquisition project, list and discuss the performance targets¹ for the activities that will take place in the facility once construction, renovation, or acquisition is completed. (Note: refer to 12 of application instructions.)*

The key beneficiaries of this proposal are the satellite centers sites. Each center has made the commitment to offer specific programs that are focused on youth and youth development and each center has agreed on the same performance targets. Additionally, each center will be free to offer additional youth programs of their choice. The programs that the each center has agreed to offer are:

A. After School Tutorial & Summer Academic Camp

Most of the children in Census Tract #79 are below grade level in reading. Getting on grade level is a pre-requisite for establishing the self-esteem and self-worth necessary for these children to achieve greater goals.

Both programs, perceived as a continuum, have as their stated goal to get all students to read at grade level or better. We assess success as raising each student's grade level at least one year (adjusted for the additional year of the program). Although we will make use of the Accelerated Reader software program, a computerized management system, and interactive CD ROMs, we also rely on volunteers for one-to-one tutoring.

Computer programs to hone math skills and improve writing ability will also be utilized, but the major impetus and evaluation is on reading.

B. Job Training and GED

The satellite centers will also provide job-training programs for youth, particularly for positions that require computer skills, and GED training for students that have dropped out of school. The objectives of these programs are fairly straightforward: acquire a job, return to school, or receive a GED.

C. Encourage the Creative

One of the benefits of having access to computers is to give youth the opportunity to let their creative juices flow. With free access to computers our children will flourish creatively. DuBois will foster this by establishing neighborhood awards, by age category, for:

1. The best graphic design
2. The best web page
3. The best story book

PROJECT VERIFICATION

8. *How will you verify the extent to which your performance targets are achieved? Please discuss the evaluation tools as well as how often the evaluation will take place. If you are proposing a construction, renovation or property acquisition project, list and discuss the evaluation tools for the activities that will take place in the facility once construction renovation or acquisition is completed. (Note: refer to 13 of application instructions.)*

A. After School Tutorial & Summer Academic Camp

As is the current practice, students will be given comprehensive reading tests that are

recorded on the computer when they register for the after school or summer programs. Students are expected to pass a test on every book they read and the result is recorded in their computer file. Teachers will have access to the computer record to track a student's progress and suggest the appropriate intervention. At the end of the program, the student will be given another comprehensive exam and the result will be compared to the initial score.

B. Job Training, GED

Success will be measured success by the number of students who get a job, return to school, or obtain a GED. Allowing for a start-up period for the networking to take effect, we estimate that some 75 students will achieve the improved status over the first eighteen months of the program.

C. Encouraging the Creative

"Beauty is in the eye of the beholder," but we will share each prizewinner's work with YOP. This will give YOP an indication of the quality of work the children are producing.

PROJECT MILESTONES

9. *Please list and discuss the critical milestones, which youth must achieve to successfully meet your performance targets? If you are proposing a construction, renovation or property acquisition project, also include milestones for construction, renovation or property acquisition. (Note: refer to page 13 of the application instruction)*

Milestone	Timeline
Receive funding approval	By 4/30/00
Determine technology to be used to connect satellites (ION or Wireless)	6/01/00
Solicit bids for equipment	6/15/00
Select vendors	7/01/00
Procure equipment	7/15/00
Install/configure network equipment and servers	
Connect T1 to DLC	7/01/00
Determine network IP address and subnet mask	8/01/00
Install internal network hub at DLC	8/01/00
Install routers at remote sites	9/01/00
Install Domain controllers	8/15/00
Install Terminal Server #1	8/15/00
Install Web Server	9/01/00
Install Mail Server	11/01/00
Install Terminal Server #2	5/01/01
Wire satellite sites	8/01/00
Upper Room	6/01/00
Covenant	7/01/00
Church of Christ	8/01/00
Test connections to satellite sites	9/01/00
Upper Room	
Covenant	
Church of Christ	
Train satellite sites	9/1/00
Upper Room	
Covenant	
Church of Christ	
Youth attend after school reading program	Daily 10/01/00 – 05/30/01 Summer 2001 10/01/01 – 05/01/02 Summer 2002 10/01/02 – 05/01/03 Summer 2003
Youth attend Job Training / GED	Daily

		10/01/00 – 05/30/01 Summer 2001 10/01/01 – 05/01/02 Summer 2002 10/01/02 – 05/01/03 Summer 2003	
	Youth attend HTML classes	Weekly 10/01/00 – 05/30/01 10/01/01 – 05/01/02 10/01/02 – 05/01/03	
	HTML design awards by age groups	Dec 2000 May 2001 Dec 2001 May 2002 Dec 2002 May 2003	

KEY INDIVIDUALS

10. *Profile those key individuals who will have the most responsibility for shaping your project, connecting it to the targeted youth, and achieving performances targets. Focus on energy, capacity, and commitment. (Note: refer to page 14 of the application instruction)*

Leon Dixon and **William Grace** joined two tutorial programs together back in 1973 to create the W.E.B. DuBois Learning Center. It was through their leadership, vision, insight, and example that they were able to inspire and motivate the many volunteers that participate in the DLC.

Their backgrounds (Dixon as a Computational Scientist and Industrial Mathematician at Allied Signal Aerospace; Grace as a Social Worker and Printer; and both having worked in education and community involvement) provide a wealth of experience upon which they have drawn to shape the mission and purpose of the DLC.

Since the inception of the DLC, both Dixon and Grace have tirelessly devoted their time, energy, thoughts, and imagination to insure the success of the DLC and the reputation it has been able to enjoy throughout the community.

Ronald Craddolph and **Harrison May**, since the mid-nineties, have developed a Telecommunications Program to address the Digital Divide that is a growing national concern. Through their efforts and leadership the DLC has been able expose area youth and adults to the world and wonders of the Information Age.

Craddolph and May have backgrounds in Computer Programming, Networking, Technical Support, and the various Office Suite Software Packages, Information Systems Management, etc. They also have several friends and acquaintances that they can draw upon to provide much of the assistance that may be required. Their work with the youth is helping to ensure that more will follow.

Their dedication and commitment to seeing their efforts succeed is manifested in their continuous work in providing the leadership and vision to establish a second-to-none Telecommunication Communications Program to assist their community enter the Information Age.

11. *Discuss other organizations or individuals that will play a role in carrying out the project. Focus on energy, capacity, and commitment. (Note: refer to page 14 of the application instruction)*

The three churches that serve as satellite centers for this networking proposal have safe, secure, quality space to accommodate computers, plus dedicated and capable management to operate the youth programs. Fr. Don Farnan, Executive Director of the Upper Room, Rev. Gerald McGill, Pastor of Church of Christ, and Ms. Margaret May, President of the Board of Trustees, Covenant Presbyterian Church, are outstanding leaders in the community and they have worked closely together to improve the situation of the young people in the neighborhood.

The DuBois proposal would compliment the efforts already underway to deliver high quality youth programs and services. In addition to paid staff, which will administer many of the programs at the satellites, volunteers from within and without the neighborhood, including professional and retired people, will work with our children and youth. In that regard, St. Thomas More Catholic Church has agreed to provide professionals to volunteer and, under a government program, graduate students at Cleveland Chiropractic College will be paid to work with the children. Area high school students have already offered to use their "service hours" to assist our students.

SELF-RELIANCE

12. *Please list and discuss this project's other sources of funding, such as United Way, city grants, county grants, etc. Indicates which grants or monies are pending and which you have been awarded.*

Blue Cross & Blue Shield
General Electric

Pending
Pending

Sprint
Ticket Masters
United Way

Pending
Awarded
Awarded

13. *Show how your program will continue to operate without additional investments from the Youth Opportunities Tax Credit Program. Discuss your plans for this project in moving it towards self-reliance.*

This project has been divided into three phases. Phase 2 & 3 will build upon the infrastructure developed in this the initial phase. Additional satellite centers will be added during the additional phases to completely cover the Kansas City metropolitan area. After phase 3 has been completed, the network infrastructure will be self-sustaining. The capital equipment will continue to be a vehicle for providing computer resources to the surrounding area. The success of the program in narrowing the digital divide will allow for additional funding and grants to pay for internet access, which will be the only monthly recurring charge.

BUDGET PAGE

Budget Category	YOP Budget
Salaries	
Network/System Administrator \$35,000/year 0% x 3 years \$105,000	\$0
Contract	\$0
Travel	\$0
Equipment	
DuBois Learning Center 40 Net stations \$80,000	
Upper Room – St Louis Church 35 Net stations \$75,000	
Covenant Presbyterian Church 25 Net stations \$50,000	
Church of Christ 15 Net stations \$30,000	
<u>Total</u> \$240,000	
DuBois Learning Center Network Equipment \$ 85,000	
Intel Servers \$125,000	
Upper Room – St Louis Church Network Equipment \$ 6,000	
Covenant Presbyterian Church Network Equipment \$ 6,000	
Church of Christ <u>Network Equipment</u> \$ 3,000	
Total \$225,000	
\$465,000	\$445,000
Supplies	\$0
Building Space	\$0
Construction	
Wiring Cost	
DuBois Learning Center \$25,000	
Upper Room – St Louis Church \$15,000	
Covenant Presbyterian Church \$ 9,000	
Church of Christ <u>\$ 6,000</u>	
Total \$55,000	
\$55,000	\$55,000
Property Acquisition	\$0
Other Costs	
T1 Internet Access \$1,800/Month x36 months \$64,800	\$0
TOTAL – MAY NOT EXCEED \$500,000	\$500,000
# Of Youth Targeted (# that will successfully complete your project)	300
Total Cost/Youth (Total Budget) / (Number of Youth targeted)	\$1668

**CURRENT MEMBERS OF THE
BOARD,
COUNCIL OR COMMISSION**

2000 YOP ATTACHMENT B

NAME

HOME ADDRESS

DAY PHONE

OCCUPATION

POSITION

RESIDENT OF AREA?

NAME

HOME ADDRESS

DAY PHONE

OCCUPATION

POSITION

RESIDENT OF AREA?

NAME

HOME ADDRESS

DAY PHONE

OCCUPATION

POSITION

RESIDENT OF AREA?

