



BDCP

BROADBAND DEFICIENCIES
CORRECTION PROGRAM

New Mexico Coalition for Charter Schools

PSFA Presenters:

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Partnering with New Mexico's communities to provide quality, sustainable school facilities for our students and educators.



Presentation objectives

- Introduction
- Financial Data
- Progress to Date
- Program Results
- FAQ Document
- Process Flow
- Moving Forward

Partnering with New Mexico's communities to provide quality, sustainable school facilities for our students and educators.



Introduction

- Senate Bill 159 allows the PSCOC to expend up to \$10 million per year to correct broadband deficiencies in NM Schools
- The SB159 budget is allocated to be expended between fiscal years 2015-2019
- Goal of 1 Mbps per student/staff by FCC Modernization Order
- Fall 2015 HP assessed 841 NM Schools status and needs related to internet access and network infrastructure
- Broadband Deficiencies Correction Program currently assisting NM schools with procurement of Fiber Optic connectivity and Network Infrastructure upgrades
- The BDCP funding works along with E-Rate funding and is based on Capital Outlay Formula



BDCP Category 2 Financial Data

Of the \$11,589,312.58 Category 2 requests, \$9,848,966.67 are from eligible schools

\$1,740,345.67 in requests are from private schools, libraries, etc. which are not covered by the PSCOC funds

Approx. \$371,427 in funds are from schools that either are not participating with BDCP due to having canceled their projects or are waiting until next E-Rate cycle to take better advantage of PSCOC Category 2 funding

In the \$6,769,936.77 E-Rate request amount are 171 NM schools. The BDCP will be working with and funding these projects

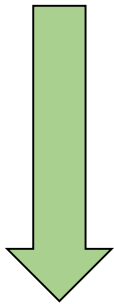
An additional 7 schools with a combined E-Rate request of \$2,707,602.77 are in a “pending” status. We are waiting for required applications from these schools and will more than likely be participating with the BDCP



BDCP Category 2 Financial Data cont.

E-Rate Funding Request Data

	Total Funding Year Pre-Discount Eligible Amount	Total Funding Commitment Request Amount	Total Applicant Non-Discount Share
Total of all Requests	\$ 90,596,461.86	\$ 76,179,374.91	\$ 14,417,086.95
Total of Category 1 Requests	\$ 79,007,149.28	\$ 66,964,547.26	\$ 12,042,602.02
Total of Category 2 Requests	\$ 11,589,312.58	\$ 9,214,827.65	\$ 2,374,484.93



BDCP Funding Data

	Total Funding Year Pre-Discount Eligible Amount	Total Funding Commitment Request Amount	Total Applicant Non-Discount Share	Potential State Funding Share
Total of Category 2 Requests	\$ 11,589,312.58	\$ 9,214,827.65	\$ 2,374,484.93	
Eligible Entities FCC form 471	\$ 9,848,966.67	\$ 7,912,550.58	\$ 1,012,678.60	
Ineligible Entities (Libraries, private, etc)	\$ 1,740,345.91	\$ 1,302,277.07	\$ 1,361,806.33	
Schools identified as non participating	\$ 371,427.13	\$ 288,595.00	\$ 62,080.79	\$ 13,135.47
Schools Participating with BDCP	\$ 6,769,936.77	\$ 5,544,658.94	\$ 533,993.66	\$ 691,284.17
Pending Participation	\$ 2,707,602.77	\$ 2,079,296.64	\$ 408,988.29	\$ 219,317.84



WiFi and Network Equipment – Master Agreement

- Master agreements (100+) in seven groups
- Reported Discounts: 40-50% off list prices
- Requests for BDCP funding: Over 170 schools (to date)
- BDCP funding of groups 1-4 (Wireless, Wired, Content Distribution and Cable Installation)
- Schools reported an increase in competitive pricing with the Master Agreement implementation



BDCP Projects in a Glance

471 Request Amount	Ineligible Portion	E-Rate Portion	State Portion	District Portion	Invoices
\$6,769,936.77	\$225,460.45	\$5,544,658.94	\$691,284.17	\$533,993.66	\$ -

Participation Totals	
Total Number of Districts	38
Total Number of State Charters	12
Total Number of District Charters	10
Total	60

Average E-Rate Discount	80%
Average State Participation	52%

Number of 471's Submitted	59
Number of Schools with 470 but no 471	1
Number of Applications Received	41
Number of Applications Pending	7
Number of Schools with no Response	12
Schools that used the State Contract	7

Equipment Totals	
Internal Cabling	13
Router	6
Cache	3
Firewall	6
Wireless Controller	2
Access Point	2080
Switch	855
UPS	163
Racks/Hardware	8



Mini-Bid Portal

BDCP/PED adopted a SharePoint portal based on Alabama State Department of Education Joint Purchasing site as a mini-bid portal for NM E-Rate Requests. Schools are able to request equipment and services from all multiple vendors on the portal that are part of the State Master Contract.

- Reverse auction for vendors to bid on schools requests
- Maintained by John Chadwick at PED
- 17 Vendors and 11 Schools participated the 2015-2016 E-rate cycle
- 2016-2017 upgrades/changes upcoming
- Schools training schedule pending for next E-Rate cycle



Progress to date

- Requests from 171 schools
- Approx. 2080 access points, 855 LAN switches, 163 uninterruptable power supplies requested
- Potential of \$691,284.17 in funding from BDCP assistance to New Mexico Schools
- Capital Outlay contribution averages 52% to NM schools



Program results: Network Equipment

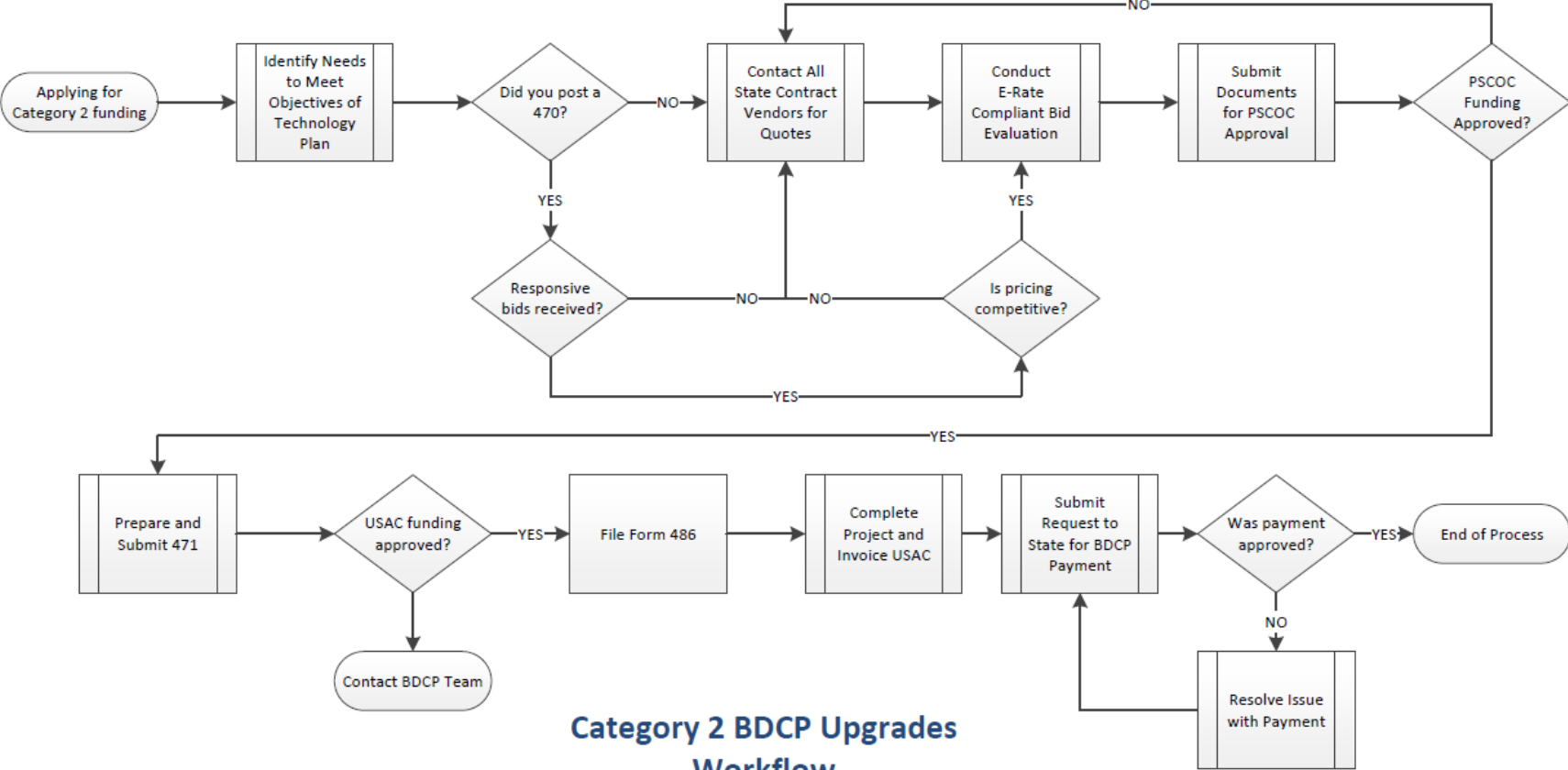
1. 32 Districts (Albuquerque, Belen, Bernalillo, Bloomfield, Cobre, Deming, Dexter, Dora, Elida, Estancia, Farmington, Floyd, Fort Sumner, Gallup McKinley, Grady, Grants-Cibola, Hagerman, Hatch, House, Logan, Los Alamos, Melrose, Mountainair, Penasco, Portales, San Jon, Silver, Socorro, Taos, Texico, T or C, West Las Vegas...)
2. 9 Charter Schools in Albuquerque, Aztec, Carlsbad, Deming, Espanola, Santa Fe and Taos
3. 7 Additional funding requests pending

FAQ Document

- I. Entity eligibility
 - a) Public schools and charters
- II. Equipment eligibility
 - a) Groups 1-4
- III. Funding limitations
 - a) Match up to remaining E-Rate budget
- IV. Process overview (Next Slide)
- V. Information regarding Mini-Bid Portal
 - a) John Chadwick at PED
- VI. Steps to receiving funding
 - a) Requires FCDL, PO, Invoice and copy of payment



Process Flow



Category 2 BDCP Upgrades Workflow

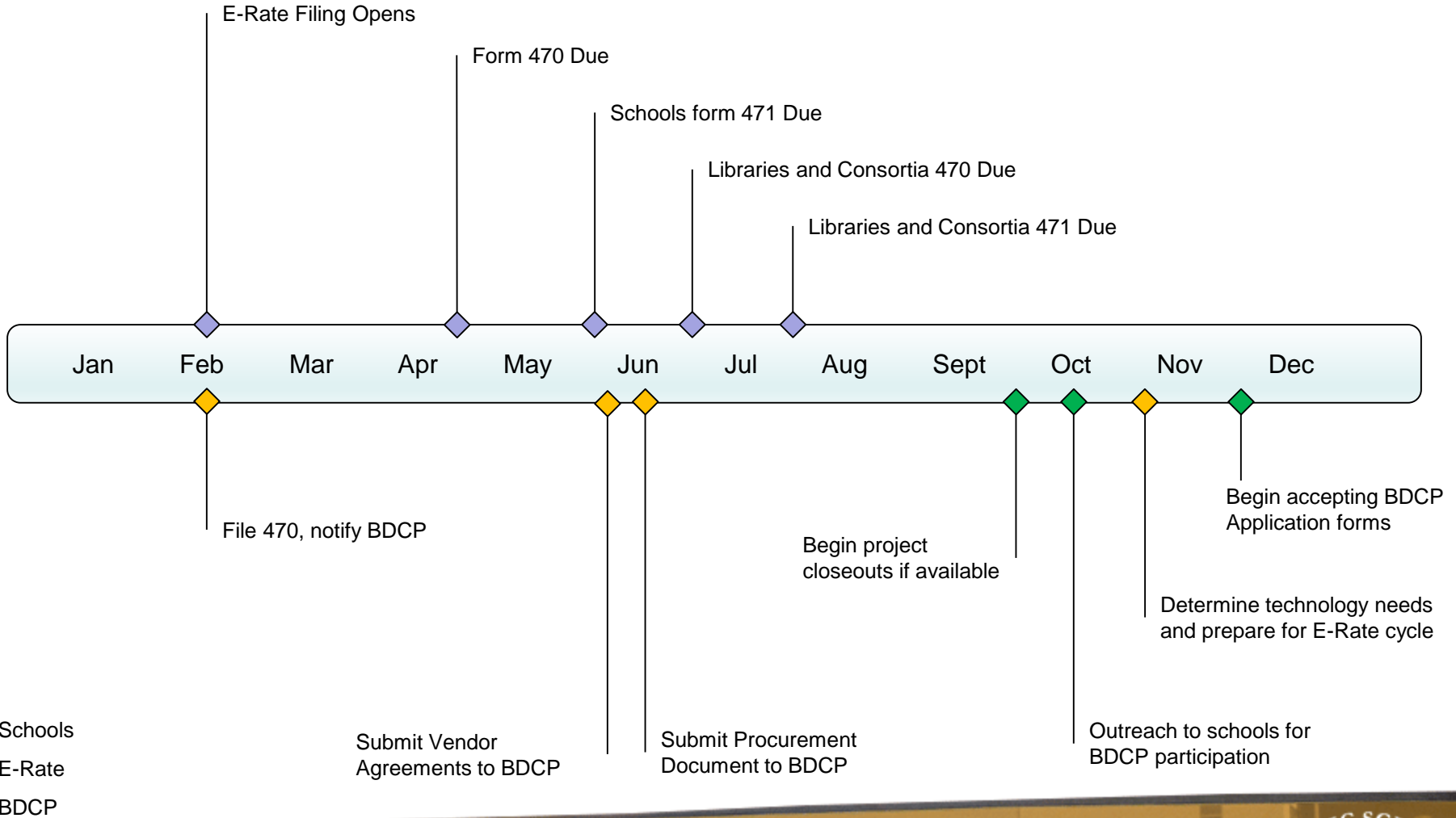


Lessons Learned

1. Begin BDCP outreach sooner
2. Determine schools needs and assist with procurement
3. Create and distribute timelines
4. Create best practice guide for schools
5. Develop mentorship for schools in need



Timelines Going Forward



Planning for the Future

- What are your technology needs within the next 5 years?
- Evaluate network performance
- Determine wants vs needs
- Account for meeting 1 Mbps per student when planning upgrades
- Build network asset list
- Confirm remaining E-Rate budget and BDCP funding % and compare to schools budget





BDCP

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Questions or Comments?

Public School Facilities Authority (PSFA)

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