

Robert D. Rice, President
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July 23, 2018

Marlene H. Dortch, Secretary
Federal Communications Commission
Office of the Secretary
445 12th Street, SW
Washington, DC 20554

CC Docket No. 96-45

CC Docket No. 02-6

“WAIVER REQUEST”

“FY2017 APPEAL”

“Administrator’s Decision on Appeal – Funding Year 2017-2018”

APPLICANT: Oakland Network for Education Consortium (ONE)

BEN: 17001962

FY2017 FORM 471: 171019154 **FRN:** 1799072922, 1799072948, 1799072957,
1799072963, 1799072967, 1799072976 and 1799072984

Contact: Christopher Hammond, Enterprise Network Manager

Phone: 248.209.2153

Email: Christopher.Hammond@oakland.k12.mi.us

This “Waiver Request” to the FCC, is written and submitted on behalf of Oakland Network for Education Consortium (ONE) (BEN: 17001962), 2111 Pontiac Lake Rd., Waterford, MI 48328. This “Waiver Request” is an important matter concerning the enclosed Universal Service Administrative Company (USAC) Form 471 dated May 10, 2017 **(Exhibit A)**; Wherein, “When the original Form 471 was filed, there was a ministerial/clerical error for each FRN whereby, the labor portion of the request were left off the Form 471. **(Exhibit B)**. This error was not discovered until the project had been completed and the ONE filed for reimbursement.

Thereafter, Oakland Network for Education Consortium request a wavier of the rules and the additional cost of \$10,715.00 for FRN 1799072922 and \$5,699.00 per FRN for the other FRN listed above with a total increase in pre-discount cost of \$44,409.00.

Failure to grant this Waiver Request for Form 471 application number 171019154, FRNs 1799072922, 1799072948, 1799072957, 1799072963, 1799072967, 1799072976 and 1799072984, in conjunction with a depressed economy in Michigan, will create undue financial hardship for Oakland Schools, their constituent school districts and community.

Thank you for your consideration regarding this matter and supporting Oakland Schools of Michigan.

Cordially,

A handwritten signature in black ink, appearing to read "Robert D. Rice". The signature is fluid and cursive, with the first name "Robert" being more prominent than the last name "Rice".

Robert D. Rice
Triple R Consultants

Enc

LIST OF EXHIBITS

- Exhibit A** FY17 471 171019154
- Exhibit B** CDW Vendor Agreement
- Exhibit C** CDW Vendor Email on Labor Eligibility



Description of Services Ordered and Certification Form 471

FCC Form 471

Application Information

Nickname FY17-471-Con3 FW ONE
Funding Year 2017

Application Number 171019154
Category of Service Category 2

Billed Entity

Oakland Network for Education Consortium
2111 Pontiac Lake Rd Waterford MI 48328
248-209-2000
Tammy.Evans@oakland.k12.mi.us

Contact Information

Robert Rice
810-923-9290
bob@triple-r.us

Billed Entity Number 17001962
FCC Registration Number 0006632095
Applicant Type Consortium

Consulting Firms

| Name | Consultant Registration Number | City | State | Zip Code | Phone Number | Email |
|----------------------|--------------------------------------|------------|-------|-------------|-----------------|-----------------|
| Triple R Consultants | 16055924 | South Lyon | MI | 48178 | 248-446-8125 | bob@triple-r.us |

Entity Information

Consortium Entities

Related School District Entity - Details

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | School District Attributes | Endowment |
|--------|-------------------------------|-----------------|-----------------|-----------------------|--------------|-------------------------------|-----------|
| 130794 | BIRMINGHAM PUBLIC SCHOOL DIST | Urban | | | | Public School District | None |
| 130800 | CLAWSON PUBLIC SCHOOLS | Urban | | | | Public School District | None |
| 130806 | HAZEL PARK PUBLIC SCHOOLS | Urban | | | | Public School District | None |
| 130808 | SOUTHFIELD PUBLIC SCHOOL | Urban | | | | Public School District | None |
| 130837 | LAMPHERE SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130839 | MADISON SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130840 | BERKLEY SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130842 | ROYAL OAK PUBLIC SCHOOL DIST | Urban | | | | Public School District | None |
| 130854 | TROY SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130893 | CLARENCEVILLE SCHOOL DISTRICT | Urban | | | | Public School District | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | School District Attributes | Endowment |
|--------|---------------------------------|-----------------|-----------------|-----------------------|--------------|-------------------------------|-----------|
| 130917 | SOUTH LYON COMM SCHOOL DIST | Urban | | | | Public School District | None |
| 130955 | FERNDAL PUBLIC SCHOOL DIST | Urban | | | | Public School District | None |
| 130965 | OAK PARK SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130969 | BLOOMFIELD HILLS PUB SCH DIST | Urban | | | | Public School District | None |
| 130971 | ROCHESTER COMM SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130978 | WEST BLOOMFIELD SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130979 | AVONDALE SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130980 | WATERFORD SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130981 | OAKLAND SCHOOLS | Urban | | | | Public School District | None |
| 130984 | FARMINGTON PUBLIC SCHOOLS | Urban | | | | Public School District | None |
| 130986 | PONTIAC CITY SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130988 | CLARKSTON COMM SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130993 | HURON VALLEY SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 130995 | LAKE ORION COMM SCHOOL DIST | Urban | | | | Public School District | None |
| 130998 | NOVI COMMUNITY SCHOOL DISTRICT | Urban | | | | Public School District | None |
| 131001 | WALLED LAKE CONSOL SCH DIST | Urban | | | | Public School District | None |
| 131040 | HOLLY AREA SCHOOL DISTRICT | Rural | | | | Public School District | None |
| 131057 | BRANDON SCHOOL DISTRICT | Rural | | 63180 | | Public School District | None |
| 221751 | Oxford Area Community Schools | Urban | | | | Public School District | None |

[Related Entity Information](#)

[Consortium Related Entities](#)

[Related Child School Entity - Details](#)

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|-------|---------------------------------|-----------------|-----------------|--------------------|-----------|-------------------------|----------------------|-----------|
| 53818 | QUARTON ELEMENTARY | Urban | | | | None | Public School | None |
| 53820 | ERNEST W. SEAHOLM HIGH SCHOOL | Urban | | | | None | Public School | None |
| 53821 | PIERCE ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 53823 | DERBY MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 53861 | BERKSHIRE MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 53862 | WYLIE E. GROVES HIGH SCHOOL | Urban | | | | None | Public School | None |
| 53863 | BEVERLY ELEMENTARY SCHOOL | Urban | | | | None | Pre-K; Public School | None |
| 53865 | BINGHAM FARMS ELEMENTARY SCHOOL | Urban | | | | None | Pre-K; Public School | None |
| 53867 | GREENFIELD ELEMENTARY SCHOOL | Urban | | | | None | Pre-K; Public School | None |
| 54160 | PEMBROKE ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|------------|---|-------------------------|-------------------------|----------------------------|---------------------|---------------------------------|--------------------------|------------------|
| 55348 | WEST MAPLE ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55350 | BIRMINGHAM COVINGTON SCHOOL | Urban | | | | None | Pre-K; Public School | None |
| 55370 | HARLAN ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 53835 | PAUL E SCHALM ELEM SCHOOL | Urban | | 26 | | None | Public School | None |
| 53836 | CLAWSON MIDDLE SCHOOL | Urban | | 26 | | None | Public School | None |
| 53837 | CLAWSON SR HIGH SCHOOL | Urban | | 26 | | None | Public School | None |
| 53838 | KENWOOD ELEMENTARY SCHOOL | Urban | | 26 | | None | Public School | None |
| 53878 | HOOVER ELEMENTARY SCHOOL | Urban | 63130 | 01753 | | | Public School | None |
| 53879 | HAZEL PARK HIGH SCHOOL | Urban | 63130 | 01616 | | | Public School | None |
| 53880 | HAZEL PARK JUNIOR HIGH | Urban | 63130 | 09372 | | | Public School | None |
| 53881 | UNITED OAKS ELEMENTARY SCHOOL | Urban | 63130 | 04259 | | | Public School | None |
| 55090 | EDISON MAX DAY TREATMENT | Urban | 63130 | 04159 | | | Public School | None |
| 55093 | WEBB ELEMENTARY SCHOOL | Urban | 63130 | 09429 | | | Pre-K; Public School | None |
| 55100 | JARDON VOCATIONAL SCHOOL | Urban | 63130 | 02399 | | | Public School | None |
| 16027314 | HAZEL PARK ADVANTAGE ALTERNATIVE EDUCATION | Urban | 63130 | 09362 | | | Public School | None |
| 16027309 | HAZEL PARK ALTERNATIVE HIGH SCHOOL | Rural | 63130 | 07829 | | | Public School | None |
| 53886 | SOUTHFIELD HIGH SCHOOL | Urban | 63060 | 03542 | 26 - 32310- 6781 | None | Public School | None |
| 53888 | Glenn W. Levey Middle School | Urban | 63060 | 01425 | 26 - 32310- 6775 | None | Public School | None |
| 53889 | MACARTHUR K-8 UNIVERSITY ACADEMY | Urban | 63060 | 02295 | 26 - 32310- 6778 | None | Public School | None |
| 53890 | Adlai Stevenson Elementary School | Urban | 63060 | 00024 | 26 - 32310- 6771 | None | Public School | None |
| 54108 | BRACE-LEDERLE ELEM SCHOOL | Urban | 63060 | 02146 | 26 - 32310- 6777 | None | Public School | None |
| 54111 | Morris Adler Elementary School | Urban | 63060 | 05284 | 26 - 32310- 6784 | None | Public School | None |
| 54113 | MCINTYRE ELEMENTARY SCHOOL | Urban | 63060 | 05764 | 26 - 32310- 6786 | None | Public School | None |
| 54115 | SOUTHFIELD-LATHRUP HIGH SCHOOL | Urban | 63060 | 05419 | 26 - 32310- 6785 | None | Public School | None |
| 54117 | Alice M. Birney K-8 School | Urban | 30600 | 00344 | 26 - 32310- 8151 | None | Public School | None |
| 54119 | VANDENBERG ELEMENTARY SCHOOL | Urban | 63060 | 04278 | 26 - 32310- 6782 | None | Public School | None |
| 54121 | Thompson K-8 International Academy | Urban | 63060 | 00340 | 26 - 32310- 8202 | None | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|------------|--|-------------------------|-------------------------|----------------------------|---------------------|---------------------------------|--------------------------|------------------|
| 16027315 | SOUTHFIELD REGIONAL ACADEMIC CAMPUS | Urban | 63060 | 08048 | 26 - 32310- 666 | None | Public School | None |
| 54064 | LAMPHERE HIGH SCHOOL | Urban | 63280 | 02123 | | None | Public School | None |
| 54065 | HILLER ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 54066 | SIMONDS ELEMENTARY SCHOOL | Urban | 63280 | 03483 | | None | Public School | None |
| 54068 | EDMONSON ELEMENTARY SCHOOL | Urban | 63280 | 01089 | | None | Public School | None |
| 54076 | LESSENGER ELEMENTARY SCHOOL | Urban | 63280 | 02168 | | None | Public School | None |
| 54077 | PAGE MIDDLE SCHOOL | Urban | 63280 | 01960 | | None | Public School | None |
| 16049770 | LAMPHERE CENTER | Urban | 63280 | 02639 | | None | Public School | None |
| 54070 | MADISON PREPARATORY HIGH SCHOOL | Urban | 63140 | 08980 | 26 - 22290- 1280 | | Public School | None |
| 54073 | WILKINSON MIDDLE SCHOOL | Urban | 63140 | 04528 | 26 - 22290- 5945 | | Public School | None |
| 54074 | MADISON HIGH SCHOOL | Urban | 63140 | 02317 | 26 - 22290- 8739 | | Public School | None |
| 54075 | Keys Grace Academy | Urban | | 26 | | | Public School | None |
| 160657 | MADISON ELEMENTARY | Urban | 63140 | 01083 | 26 - 22290- 5941 | | Pre-K; Public School | None |
| 54061 | BURTON ELEMENTARY SCHOOL | Urban | 63050 | 00464 | | None | Public School | None |
| 54078 | ANGELL ELEMENTARY SCHOOL | Urban | 63050 | 01875 | | None | Public School | None |
| 54079 | ANDERSON MIDDLE SCHOOL | Urban | 63050 | 00093 | | None | Public School | None |
| 54080 | PATTENGILL SCHOOL | Urban | 63050 | 02974 | | None | Public School | None |
| 54082 | ROGERS ELEMENTARY SCHOOL | Urban | 63050 | 01549 | | None | Pre-K; Public School | None |
| 54083 | BERKLEY HIGH SCHOOL | Urban | 63050 | 00291 | | None | Public School | None |
| 55281 | NORUP INTERNATIONAL SCHOOL | Urban | 63050 | 01959 | | None | Public School | None |
| 54049 | KELLER (HELEN) ELEMENTARY | Urban | 63040 | 09742 | 26 - 30300- 2068 | None | Public School | None |
| 54051 | ROYAL OAK MIDDLE SCHOOL | Urban | 63040 | 09740 | 26 - 30300- 2069 | None | Public School | None |
| 54057 | OAKLAND ELEMENTARY SCHOOL | Urban | 63040 | 02805 | 26 - 30300- 6644 | None | Public School | None |
| 54085 | Alfred E. Upton Elementary School | Urban | 63040 | 04264 | 26 - 30300- 6647 | None | Public School | None |
| 54088 | ROYAL OAK HIGH SCHOOL | Urban | 63040 | 02034 | 26 - 30300- 6637 | None | Public School | None |
| 54089 | OAK RIDGE ELEMENTARY SCHOOL | Urban | 63040 | 02800 | 26 - 30300- 6643 | None | Public School | None |
| 54091 | ADDAMS (JANE) ELEMENTARY SCHOOL | Urban | 63040 | 09741 | 26 - 30300- 2070 | None | Pre-K; Public School | None |
| 54093 | NORTHWOOD ELEMENTARY SCHOOL | Urban | 63040 | 02781 | 26 - 30300- 6642 | None | Public School | None |
| 16070088 | CHURCHILL COMMUNITY HIGH SCHOOL | Urban | 63040 | 05932 | 26 - 30300- 6647 | None | Public School | None |
| 54148 | MORSE ELEMENTARY SCHOOL | Urban | 63150 | 02618 | | None | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|--------|----------------------------------|-----------------|-----------------|--------------------|-----------------|-------------------------|----------------------|-----------|
| 54154 | WATTLES ELEMENTARY SCHOOL | Urban | 63150 | 05537 | | None | Pre-K; Public School | None |
| 54155 | BAKER MIDDLE SCHOOL | Urban | 63150 | 00174 | | None | Public School | None |
| 54156 | BARNARD ELEMENTARY SCHOOL | Urban | 63150 | 06941 | | None | Public School | None |
| 54157 | SCHROEDER ELEMENTARY SCHOOL | Urban | 63150 | 06124 | | None | Public School | None |
| 54158 | BOULAN PARK MIDDLE SCHOOL | Urban | 63150 | 06367 | | None | Public School | None |
| 54159 | BEMIS ELEMENTARY SCHOOL | Urban | 63150 | 06940 | | None | Public School | None |
| 54229 | HAMILTON ELEMENTARY SCHOOL | Urban | 63150 | 03715 | | None | Public School | None |
| 54230 | MARTELL ELEMENTARY SCHOOL | Urban | 63150 | 06365 | | None | Public School | None |
| 54231 | SMITH MIDDLE SCHOOL | Urban | 63150 | 05413 | | None | Public School | None |
| 54232 | TROY UNION ELEMENTARY SCHOOL | Urban | 63150 | 04227 | | None | Public School | None |
| 54233 | LARSON MIDDLE SCHOOL | Urban | 63150 | 06366 | | None | Public School | None |
| 54234 | ATHENS SENIOR HIGH SCHOOL | Urban | 1566 | 06393 | | None | Public School | None |
| 54235 | HILL ELEMENTARY SCHOOL | Urban | 63150 | 05163 | | None | Pre-K; Public School | None |
| 54236 | WASS ELEMENTARY SCHOOL | Urban | 63150 | 06939 | | None | Public School | None |
| 54237 | TROY SENIOR HIGH SCHOOL | Urban | 63150 | 04226 | | None | Public School | None |
| 54238 | LEONARD ELEMENTARY SCHOOL | Urban | 63150 | 02161 | | None | Pre-K; Public School | None |
| 54239 | COSTELLO ELEMENTARY SCHOOL | Urban | 63150 | 06364 | | None | Public School | None |
| 54498 | GRANDVIEW ELEMENTARY SCHOOL | Urban | 63090 | 01461 | 26 - 09840-4470 | None | Pre-K; Public School | None |
| 54500 | CLARENCEVILLE MIDDLE SCHOOL | Urban | 63090 | 00699 | 26 - 09840-4468 | None | Public School | None |
| 54501 | CLARENCEVILLE SR HIGH SCHOOL | Urban | 60900 | 00700 | 26 - 09840-4469 | None | Public School | None |
| 54502 | BOTSFORD ELEMENTARY SCHOOL | Urban | 63090 | 00368 | 26 - 09840-4467 | None | Pre-K; Public School | None |
| 54575 | DOLSEN (ANN L) ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 54591 | SALEM ELEMENTARY SCHOOL | Rural | | | | None | Public School | None |
| 54640 | BARTLETT (FRANK E) SCHOOL | Urban | | | | None | Public School | None |
| 54641 | SAYRE ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 54642 | SOUTH LYON HIGH SCHOOL | Urban | | | | None | Public School | None |
| 54643 | MILLENNIUM MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 54644 | CENTENNIAL MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 227800 | BRUMMER ELEMENTARY | Urban | | | | None | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|----------|--|-----------------|-----------------|--------------------|---------------------|-------------------------|---|-----------|
| 227802 | KENT LAKE ELEMENTARY SCHOOL | Rural | | | | None | Public School | None |
| 16030292 | HARDY (SHARON J) ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 16046507 | SOUTH LYON EAST HIGH SCHOOL | Rural | | | | None | Public School | None |
| 17012018 | William A Pearson Elementary | Rural | | | | None | Public School; New Construction School | None |
| 55091 | COOLIDGE INTERMEDIATE SCHOOL | Urban | 63020 | 00502 | 26 - 14280- 5071 | None | Public School | None |
| 55096 | FERNDALDE SENIOR HIGH SCHOOL | Urban | 63020 | 01222 | 26 - 14280- 5072 | None | Public School | None |
| 55097 | Tri-County Educational Center | Urban | 63020 | 00000 | 26 - 14280- 1900 | None | Public School | None |
| 55098 | Ferndale Lower Elementary Campus | Urban | 63020 | 04155 | 26 - 14280- 5076 | None | Public School | None |
| 55099 | UNIVERSITY HIGH SCHOOL | Urban | 63020 | 09561 | 26 - 14280- 1901 | None | Public School | None |
| 55288 | Ferndale Upper Elementary Campus | Urban | 63020 | 02979 | 26 - 14280- 5075 | None | Public School | None |
| 16049746 | FERNDALDE MIDDLE SCHOOL | Urban | 63020 | 09074 | 26 - 14280- 1282 | None | Public School | None |
| 55280 | KEY ELEMENTARY SCHOOL | Urban | | | | | Pre-K; Public School | None |
| 55286 | PEPPER ELEMENTARY SCHOOL | Urban | | | | | Public School | None |
| 55287 | OAK PARK SENIOR HIGH SCHOOL | Urban | | | | | Public School | None |
| 55293 | EINSTEIN ELEMENTARY SCHOOL | Urban | | | | | Public School; Dormitory | None |
| 160274 | OAK PARK PREPARATORY ACADEMY | Urban | | | | | Public School | None |
| 16068663 | NOVA OF OAK PARK ALTERNATIVE EDUCATION | Urban | | | | | Public School | None |
| 55349 | WING LAKE DEVELOPMENTAL CENTER | Urban | | | | None | Pre-K; Public School | None |
| 55357 | WAY ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55358 | Bloomfield Hills High School | Urban | 63080 | 04984 | | None | Public School | None |
| 55359 | CONANT ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55360 | BLOOMFIELD HILLS MIDDLE SCHOOL | Urban | 63080 | 05594 | | None | Public School | None |
| 55365 | EAST HILLS MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 55367 | EASTOVER ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55472 | LONE PINE ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55473 | WEST HILLS MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 204819 | INTERNATIONAL ACADEMY | Urban | 63080 | 08403 | | | | None |
| 17006201 | Fox Hills Center | Urban | | | | None | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|------------|----------------------------------|-------------------------|-------------------------|----------------------------|------------------|---------------------------------|--------------------------|------------------|
| 55371 | BALDWIN ELEMENTARY SCHOOL | Urban | 63260 | 00178 | 26 - 29940-6567 | None | Pre-K; Public School | None |
| 55372 | HUGGER ELEMENTARY SCHOOL | Urban | 63260 | 07310 | 26 - 29940-7575 | None | Public School | None |
| 55373 | MUSSON ELEMENTARY SCHOOL | Urban | 63260 | 07350 | 26 - 29940-7576 | None | Pre-K; Public School | None |
| 55374 | ROCHESTER ADAMS HIGH SCHOOL | Urban | 63260 | 05819 | 26 - 29940-6577 | None | Public School | None |
| 55375 | BREWSTER ELEMENTARY SCHOOL | Urban | 63260 | 01114 | 26 - 29940-6569 | None | Pre-K; Public School | None |
| 55376 | VAN HOOSEN MIDDLE SCHOOL | Urban | 63260 | 06400 | 26 - 29940-6580 | None | Public School | None |
| 55377 | HART MIDDLE SCHOOL | Urban | 63260 | 07548 | 26 - 29940-242 | None | Public School | None |
| 55378 | NORTH HILL ELEMENTARY SCHOOL | Urban | 63260 | 02731 | 26 - 29940-6572 | None | Public School | None |
| 55380 | ROCHESTER HIGH SCHOOL | Urban | 63260 | 03242 | 26 - 29940-6573 | None | Public School | None |
| 55382 | MCGREGOR ELEMENTARY SCHOOL | Urban | 63260 | 01773 | 26 - 29940-6570 | None | Public School | None |
| 55383 | HAMLIN ELEMENTARY SCHOOL | Urban | 63260 | 01551 | 26 - 29940-241 | None | Public School | None |
| 55384 | HAMPTON ELEMENTARY SCHOOL | Urban | 63260 | 07855 | 26 - 29940-243 | None | Pre-K; Public School | None |
| 55387 | BROOKLANDS ELEMENTARY SCHOOL | Urban | 63260 | 00410 | 26 - 29940-6568 | None | Pre-K; Public School | None |
| 55388 | REUTHER MIDDLE SCHOOL | Urban | 63260 | 06399 | 26 - 29940-6579 | None | Pre-K; Public School | None |
| 55389 | ALTERNATIVE CENTER FOR EDUCATION | Urban | 63260 | 07103 | 26 - 29940-6581 | None | Public School | None |
| 55390 | LONG MEADOW ELEMENTARY SCHOOL | Urban | 63260 | 05239 | 26 - 29940-6575 | None | Public School | None |
| 55391 | WEST MIDDLE SCHOOL | Urban | 63260 | 04458 | 26 - 29940-6574 | None | Public School | None |
| 55392 | MEADOW BROOK ELEMENTARY SCHOOL | Urban | 63260 | 02498 | 26 - 29940-6571 | None | Public School | None |
| 55393 | UNIVERSITY HILLS ELEM SCHOOL | Urban | 63260 | 06270 | 26 - 29940-6578 | None | Pre-K; Public School | None |
| 234374 | DELTA KELLY ELEMENTARY SCHOOL | Urban | 63260 | 09051 | 26 - 29940-1285 | None | Public School | None |
| 234376 | STONEY CREEK HIGH SCHOOL | Urban | 63260 | 09050 | 26 - 29940-1286 | None | Public School | None |
| 55460 | ROOSEVELT ELEMENTARY SCHOOL | Urban | 63160 | 03271 | | None | Pre-K; Public School | None |
| 55462 | ORCHARD LAKE MIDDLE SCHOOL | Urban | 63160 | 04437 | | None | Public School | None |
| 55469 | SHEIKO ELEMENTARY SCHOOL | Urban | 63160 | 01491 | | None | Pre-K; Public School | None |
| 55470 | WEST BLOOMFIELD SR HIGH SCHOOL | Urban | 63160 | 06171 | | None | Public School | None |
| 55471 | DOHERTY ELEMENTARY SCHOOL | Urban | 63160 | 05783 | | None | Pre-K; Public School | None |
| 55476 | GRETCHKO ELEMENTARY SCHOOL | Urban | 63160 | 08259 | | None | Pre-K; Public School | None |
| 55478 | ABBOTT MIDDLE SCHOOL | Urban | 63160 | 06292 | | None | Public School | None |
| 55480 | SCOTCH ELEMENTARY SCHOOL | Urban | 63160 | 07372 | | None | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|----------|--|-----------------|-----------------|--------------------|-----------|-------------------------|-----------------------|-----------|
| 55396 | DEERFIELD ELEMENTARY SCHOOL | Urban | 63070 | 07446 | | None | Public School | None |
| 55397 | AVONDALE MIDDLE SCHOOL | Urban | 63070 | 07856 | | None | Public School | None |
| 55398 | AVONDALE-MEADOWS UPPER ELEM | Urban | 63070 | 00584 | | None | Public School | None |
| 55485 | AVONDALE HIGH SCHOOL | Urban | 63070 | 05976 | | None | Public School | None |
| 55486 | AUBURN ELEMENTARY SCHOOL | Urban | 63070 | 00148 | | None | Public School | None |
| 55488 | R. GRANT GRAHAM ELEMENTARY SCHOOL | Urban | 63070 | 05363 | | None | Public School | None |
| 224732 | WOODLAND ELEMENTARY SCHOOL | Urban | 63070 | 08649 | | None | Public School | None |
| 16030436 | AVONDALE ACADEMY | Urban | 63070 | 00161 | | None | Public School | None |
| 55490 | BEAUMONT ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55492 | RIVERSIDE ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55494 | KNUDSEN ELEMENTARY SCHOOL | Urban | 633 00.0 | | | None | Private School; Pre-K | None |
| 55496 | HAVILAND ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55499 | WATERFORD MOTT HIGH SCHOOL | Urban | | | | None | Public School | None |
| 55502 | DONELSON HILLS ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55510 | SCHOOLCRAFT ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55514 | WATERFORD KETTERING HIGH School | Urban | | | | None | Public School | None |
| 55515 | PIERCE MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 55516 | COOLEY ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55517 | GRAYSON ELEMENTARY | Urban | | | | None | Pre-K; Public School | None |
| 55518 | MASON MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 55657 | HOUGHTON ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 174478 | KINGSLEY MONTGOMERY SCHOOL | Urban | | | | None | Public School | None |
| 16084981 | Water Waterford Lifetracks - Crary Campus | Urban | | | | None | Public School | None |
| 16084980 | Waterford Durant High School | Urban | | | | None | Public School | None |
| 16084978 | Children's Village School | Urban | | | | None | Public School | None |
| 55511 | Sepanski Early Childhood Center | Urban | | | | None | Public School | None |
| 54084 | OAKLAND TECHNICAL CENTER SE | Urban | 63000 | 08756 | | None | Public School | None |
| 55560 | OAKLAND TECH SCHOOL NE | Urban | 6300 | 08812 | | None | Public School | None |
| 55668 | OAKLAND TECHNICAL CENTER SW | Urban | 63000 | 08814 | | None | Public School | None |
| 16026818 | OAKLAND SCHOOLS TECHNICAL CAMPUS NW | Rural | 63000 | 08813 | | None | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|------------|---------------------------------|-------------------------|-------------------------|----------------------------|------------------|---------------------------------|--------------------------|------------------|
| 55520 | FOREST ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55522 | BEECHVIEW ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55523 | WARNER MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 55526 | NORTH FARMINGTON HIGH SCHOOL | Urban | 63200 | 02729 | | None | Public School | None |
| 55527 | HIGHMEADOW COMMON CAMPUS SCHOOL | Urban | 63200 | 07251 | | None | Public School | None |
| 55528 | WOOD CREEK ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55529 | O.E. DUNCKEL MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 55530 | KENBROOK ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55532 | HARRISON HIGH SCHOOL | Urban | | | | None | Public School | None |
| 55533 | HILLSIDE ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55534 | VISIONS UNLIMITED | Urban | | | | None | Public School | None |
| 55536 | LONGACRE ELEMENTARY SCHOOL | Urban | 63200 | 02252 | | None | Public School | None |
| 55537 | POWER MIDDLE SCHOOL | Urban | | | | None | Public School; Pre-K | None |
| 55538 | GILL ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55540 | EAST MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 55544 | J.A. LANIGAN ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55545 | FARMINGTON HIGH SCHOOL | Urban | | | | None | Public School | None |
| 55546 | Farmington Central High School | Urban | | | | None | Public School | None |
| 55547 | FARMINGTON COMMUNITY SCHOOL | Urban | | | | None | Pre-K; Public School | None |
| 55539 | ALAMEDA EARLY CHILDHOOD CTR | Urban | | | | None | Public School | None |
| 55483 | ROGERS ELEMENTARY SCHOOL | Urban | 63030 | 04532 | 26 - 28740-6452 | | Public School | None |
| 55552 | KENNEDY CENTER | Urban | 63030 | 08689 | 26 - 28740-1156 | | Public School | None |
| 55553 | ALCOTT ELEMENTARY SCHOOL | Urban | 63030 | 00045 | 26 - 28740-6426 | | Public School | None |
| 55555 | OWEN ELEMENTARY SCHOOL | Urban | 63030 | 02922 | 26 - 28740-6445 | | Public School | None |
| 55556 | PONTIAC HIGH SCHOOL | Urban | 63030 | 02756 | 26 - 28740-6444 | | Public School | None |
| 55558 | PONTIAC MIDDLE SCHOOL | Urban | 63030 | 01880 | 26 - 28740-6435 | | Public School | None |
| 55572 | Whitman Elementary School | Urban | 63030 | 05752 | 26 - 28740-6454 | | Public School | None |
| 55574 | HERRINGTON ELEMENTARY SCHOOL | Urban | 63030 | 01652 | 26 - 28740-7295 | | Public School | None |
| 55577 | WHITMER HUMAN RESOURCES CENTRE | Urban | 63030 | 06213 | 26 - 28740- 662 | | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|----------|--|-----------------|-----------------|--------------------|---------------------|-------------------------|----------------------|-----------|
| | AKA International Technology Academy | | | | | | | |
| 55580 | Pontiac Early Academy for Childhood Education | Urban | | | | | Public School; Pre-K | None |
| 55582 | CLARKSTON JUNIOR HIGH SCHOOL | Urban | 63190 | 00705 | | None | Public School | None |
| 55583 | CLARKSTON HIGH SCHOOL | Urban | 63190 | 00704 | | None | Public School | None |
| 55584 | CLARKSTON ELEMENTARY SCHOOL | Urban | 63190 | 00704 | | None | Public School | None |
| 55585 | PINE KNOB ELEMENTARY SCHOOL | Urban | 63190 | 03054 | | None | Public School | None |
| 55586 | NORTH SASHABAW ELEM SCHOOL | Urban | 63190 | 05624 | | None | Public School | None |
| 55588 | SASHABAW MIDDLE SCHOOL | Urban | 63190 | 05692 | | None | Pre-K; Public School | None |
| 55589 | BAILEY LAKE ELEMENTARY SCHOOL | Rural | 00170 | 63190 | | None | Public School | None |
| 55591 | SPRINGFIELD PLAINS ELEMENTARY | Urban | 63190 | 08056 | | None | Pre-K; Public School | None |
| 55594 | ANDERSONVILLE ELEM SCHOOL | Rural | 00095 | 63190 | | None | Pre-K; Public School | None |
| 179506 | Clarkston Community Education | Urban | 63190 | 09010 | | None | Public School | None |
| 211623 | INDEPENDENCE ELEMENTARY | Rural | 63190 | 08714 | | None | Public School | None |
| 16035652 | EARLY CHILDHOOD CENTER | Urban | 63190 | 03408 | | None | Pre-K; Public School | None |
| 55601 | HARBOR HIGH SCHOOL | Rural | 63220 | 00964 | 26 - 18990- 964 | None | Public School | None |
| 55602 | SPRING MILLS ELEMENTARY SCHOOL | Urban | 63220 | 06490 | 26 - 18990- 5583 | None | Public School | None |
| 55603 | MILFORD HIGH SCHOOL | Urban | 63220 | 01801 | 26 - 18990- 5574 | None | Public School | None |
| 55607 | HIGHLAND ELEMENTARY SCHOOL | Urban | 63220 | 05787 | 26 - 18990- 5581 | None | Public School | None |
| 55642 | MUIR MIDDLE SCHOOL | Urban | 63220 | 02641 | 26 - 18990- 5576 | None | Public School | None |
| 55644 | KURTZ ELEMENTARY SCHOOL | Urban | 63220 | 05759 | 26 - 18990- 5580 | None | Public School | None |
| 55645 | JOHNSON ELEMENTARY SCHOOL | Urban | 63220 | 01965 | 26 - 18990- 5575 | None | Public School | None |
| 55646 | COUNTRY OAKS ELEMENTARY SCHOOL | Urban | 63220 | 07811 | 26 - 18990- 101 | None | Public School | None |
| 55647 | OAK VALLEY MIDDLE SCHOOL | Urban | 63220 | 07912 | 26 - 18990- 238 | None | Public School | None |
| 55650 | BROOKS ELEMENTARY SCHOOL | Rural | 63220 | 00413 | 26 - 18990- 5572 | None | Public School | None |
| 55651 | LAKEWOOD ELEMENTARY SCHOOL | Urban | 63220 | 06489 | 26 - 18990- 5582 | None | Public School | None |
| 55652 | LAKELAND HIGH SCHOOL | Urban | 63220 | 06491 | 26 - 18990- 5584 | None | Public School | None |
| 55653 | WHITE LAKE MIDDLE SCHOOL | Urban | 63220 | 06773 | 26 - 18990- 5585 | None | Public School | None |
| 55654 | OXBOW ELEMENTARY SCHOOL | Urban | 63220 | 07350 | 26 - 18990- 5578 | None | Public School | None |
| 187565 | HERITAGE ELEMENTARY | Rural | 63220 | 08608 | 26 - 18990- 1079 | None | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|----------|---|-----------------|-----------------|--------------------|---------------------|-------------------------|----------------------|-----------|
| 55609 | CARPENTER ELEMENTARY SCHOOL | Urban | 632 30.0 | 8443.0 | | | | None |
| 55611 | LAKE ORION HIGH SCHOOL | Rural | 632 30.0 | 2088.0 | | | | None |
| 55612 | ORION OAKS ELEMENTARY SCHOOL | Urban | 632 30.0 | 8320.0 | | | Pre-K | None |
| 55613 | STADIUM DR ELEMENTARY SCHOOL | Urban | 632 30.0 | 6281.0 | | | | None |
| 55614 | WALDON MIDDLE SCHOOL | Urban | 632 30.0 | 6405.0 | | | | None |
| 55615 | SCRIPPS MIDDLE SCHOOL | Urban | 632 30.0 | 2086.0 | | | | None |
| 55617 | WEBBER ELEMENTARY SCHOOL | Urban | 632 30.0 | 4414.0 | | | | None |
| 55618 | PINE TREE ELEMENTARY SCHOOL | Urban | 632 30.0 | 6280.0 | | | | None |
| 55619 | BLANCHE SIMS ELEMENTARY SCHOOL | Urban | 632 30.0 | 347.0 | | | | None |
| 204837 | COMMUNITY EDUCATION RESOURCE CENTER | Urban | 632 30.0 | 2085.0 | | | Pre-K | None |
| 225071 | PAINT CREEK ELEMENTARY SCHOOL | Urban | 632 30.0 | 8811.0 | | | Pre-K | None |
| 235304 | OAKVIEW MIDDLE SCHOOL | Rural | 632 30.0 | 9049.0 | | | | None |
| 55631 | PARKVIEW ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55632 | NOVI WOODS ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55633 | NOVI MIDDLE SCHOOL | Urban | | | | None | Public School | None |
| 55634 | NOVI MEADOWS ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55637 | NOVI HIGH SCHOOL | Urban | | | | None | Public School | None |
| 55638 | ORCHARD HILLS ELEM SCHOOL | Urban | | | | None | Public School | None |
| 55639 | VILLAGE OAKS ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 16022128 | DEERFIELD ELEMENTARY | Urban | | | | None | Public School | None |
| 55468 | PLEASANT LAKE ELEM SCHOOL | Urban | 63290 | 07447 | 26 - 35160- 7675 | None | Pre-K; Public School | None |
| 55481 | KEITH ELEMENTARY SCHOOL | Urban | 63290 | 02001 | 26 - 35160- 2001 | None | Pre-K; Public School | None |
| 55640 | HICKORY WOODS ELEMENTARY SCH | Urban | 63290 | 07544 | 26 - 35160- 7674 | None | Pre-K; Public School | None |
| 55648 | COMMERCE ELEMENTARY SCHOOL | Urban | 63290 | 00763 | 26 - 35160- 7073 | None | Pre-K; Public School | None |
| 55649 | C H SMART MIDDLE SCHOOL | Urban | 63290 | 00721 | 26 - 35160- 7072 | None | Public School | None |
| 55655 | DUBLIN ELEMENTARY SCHOOL | Urban | 63290 | 00961 | 26 - 35160- 7075 | None | Pre-K; Public School | None |
| 55658 | GLENGARY ELEMENTARY SCHOOL | Urban | 63290 | 01420 | 26 - 35160- 7076 | None | Public School | None |
| 55659 | WALLED LAKE CENTRAL HIGH | Urban | 63290 | 04340 | 26 - 35160- 1613 | None | Public School | None |
| 55660 | OAKLEY PARK ELEMENTARY SCHOOL | Urban | 63290 | 02809 | 26 - 35160- 7078 | None | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|----------|---|-----------------|-----------------|--------------------|---------------------|-------------------------|-----------------------------------|-----------|
| 55662 | MARY HELEN GUEST ELEM SCH | Urban | 63290 | 00889 | 26 - 35160- 7074 | None | Pre-K; Public School | None |
| 55663 | WALLED LAKE ELEMENTARY SCHOOL | Urban | 63290 | 04341 | 26 - 35160- 7082 | None | Pre-K; Public School | None |
| 55665 | WALLED LAKE COMMUNITY HIGH SCHOOL | Urban | 63290 | 07792 | 26 - 35160- 1613 | None | Adult Education; Public School | None |
| 55666 | WALLED LAKE WESTERN HIGH | Urban | 63290 | 05705 | 26 - 35160- 7084 | None | Public School | None |
| 55667 | JAMES R. GEISLER MIDDLE SCHOOL | Urban | 63290 | 04339 | 26 - 35160- 7080 | None | Public School | None |
| 55669 | LOON LAKE ELEMENTARY SCHOOL | Urban | 63290 | 05706 | 26 - 35160- 7085 | None | Pre-K; Public School | None |
| 55670 | WIXOM ELEMENTARY SCHOOL | Urban | 63290 | 04571 | 26 - 35160- 7083 | None | Public School | None |
| 155469 | WALNUT CREEK MIDDLE SCHOOL | Urban | 63290 | 08610 | 26 - 35160- 1289 | None | Public School | None |
| 172600 | MEADOWBROOK ELEMENTARY SCHOOL | Urban | 63290 | 08577 | 26 - 35160- 969 | None | Pre-K; Public School | None |
| 204590 | SARAH G. BANKS MIDDLE SCHOOL | Urban | 63290 | 08611 | 26 - 35160- 1082 | None | Public School | None |
| 16021291 | WALLED LAKE NORTHERN HIGH SCHOOL | Urban | 63290 | 08995 | 26 - 35160- 1289 | None | Public School | None |
| 16035453 | OUTDOOR EDUCATION CENTER | Rural | 63290 | 00000 | 26 - 35160- 0 | None | Public School | None |
| 55593 | DAVISBURG ELEMENTARY SCHOOL | Rural | | | | None | Public School | None |
| 55787 | PATTERSON ELEMENTARY SCHOOL | Rural | | | | None | Pre-K; Public School | None |
| 55789 | HOLLY HIGH SCHOOL | Rural | | | | None | Public School | None |
| 55790 | HOLLY ELEMENTARY SCHOOL | Rural | | | | None | Public School | None |
| 55791 | HOLLY MIDDLE SCHOOL | Rural | | | | None | Public School | None |
| 167971 | ROSE PIONEER ELEMENTARY School | Rural | | | | None | Public School | None |
| 17006683 | Karl Richter Campus | Rural | | | | None | Public School | None |
| 55858 | BRANDON MIDDLE SCHOOL | Rural | 05788 | 63180 | | None | Public School | None |
| 55859 | BRANDON SR HIGH SCHOOL | Rural | 00385 | 63180 | | None | Public School | None |
| 55860 | HARVEY-SWANSON ELEMENTARY SCH | Rural | 05846 | 63180 | | None | Pre-K; Public School | None |
| 55861 | BRANDON FLETCHER INTERMEDIATE SCHOOL | Rural | 07722 | 63180 | | None | Pre-K; Public School | None |
| 16056344 | OAKWOOD ELEMENTARY | Rural | 05180 | 63180 | | None | Pre-K; Public School | None |
| 16082052 | BRANDON ACADEMY OF ARTS & SCIENCES | Rural | 2165 | 63180 | | None | Public School | None |
| 55620 | LEONARD ELEMENTARY SCHOOL | Rural | 63110 | 02160 | | None | Public School | None |
| 55624 | OXFORD ELEMENTARY SCHOOL | Urban | 63110 | 07997 | | None | Public School | None |
| 55625 | CLEAR LAKE ELEMENTARY SCHOOL | Urban | | | | None | Public School | None |
| 55627 | DANIEL AXFORD ELEMENTARY SCH | Urban | 63110 | 00868 | | None | Public School | None |

| BEN | Name | Urban/ Rural | State LEA ID | State School ID | NCES Code | Alternative Discount | School Attributes | Endowment |
|----------|-----------------------------|-----------------|-----------------|--------------------|-----------|-------------------------|-------------------|-----------|
| 55628 | OXFORD MIDDLE SCHOOL | Urban | 63110 | 05879 | | None | Public School | None |
| 204588 | LAKEVILLE ELEMENTARY SCHOOL | Urban | 63110 | 08629 | | None | Public School | None |
| 221749 | Oxford High School | Urban | 63110 | 02437 | | None | Public School | None |
| 16064365 | OXFORD BRIDGES HIGH SCHOOL | Urban | 63110 | 00382 | | None | Public School | None |

Related Child School Entity - Discount Rate Calculation Details

| BEN | Name | Urban/ Rural | Number of Students | Students Count Based on Estimate | CEP Percentage |
|----------|--|-----------------|-----------------------|--|-------------------|
| 53818 | QUARTON ELEMENTARY | Urban | 417 | N/A | |
| 53820 | ERNEST W. SEAHOLM HIGH SCHOOL | Urban | 1336 | N/A | |
| 53821 | PIERCE ELEMENTARY SCHOOL | Urban | 582 | N/A | |
| 53823 | DERBY MIDDLE SCHOOL | Urban | 842 | N/A | |
| 53861 | BERKSHIRE MIDDLE SCHOOL | Urban | 798 | N/A | |
| 53862 | WYLIE E. GROVES HIGH SCHOOL | Urban | 1234 | N/A | |
| 53863 | BEVERLY ELEMENTARY SCHOOL | Urban | 345 | N/A | |
| 53865 | BINGHAM FARMS ELEMENTARY SCHOOL | Urban | 293 | N/A | |
| 53867 | GREENFIELD ELEMENTARY SCHOOL | Urban | 289 | N/A | |
| 54160 | PEMBROKE ELEMENTARY SCHOOL | Urban | 324 | N/A | |
| 55348 | WEST MAPLE ELEMENTARY SCHOOL | Urban | 522 | N/A | |
| 55350 | BIRMINGHAM COVINGTON SCHOOL | Urban | 647 | N/A | |
| 55370 | HARLAN ELEMENTARY SCHOOL | Urban | 402 | N/A | |
| 53835 | PAUL E SCHALM ELEM SCHOOL | Urban | 423 | N/A | |
| 53836 | CLAWSON MIDDLE SCHOOL | Urban | 371 | N/A | |
| 53837 | CLAWSON SR HIGH SCHOOL | Urban | 595 | N/A | |
| 53838 | KENWOOD ELEMENTARY SCHOOL | Urban | 231 | N/A | |
| 53878 | HOOVER ELEMENTARY SCHOOL | Urban | 358 | N/A | 52.00% |
| 53879 | HAZEL PARK HIGH SCHOOL | Urban | 916 | N/A | 52.00% |
| 53880 | HAZEL PARK JUNIOR HIGH | Urban | 591 | N/A | 52.00% |
| 53881 | UNITED OAKS ELEMENTARY SCHOOL | Urban | 387 | N/A | 52.00% |
| 55090 | EDISON MAX DAY TREATMENT | Urban | 46 | N/A | 52.00% |
| 55093 | WEBB ELEMENTARY SCHOOL | Urban | 347 | N/A | 52.00% |
| 55100 | JARDON VOCATIONAL SCHOOL | Urban | 100 | N/A | 52.00% |
| 16027314 | HAZEL PARK ADVANTAGE ALTERNATIVE EDUCATION | Urban | 29 | N/A | 52.00% |
| 16027309 | HAZEL PARK ALTERNATIVE HIGH SCHOOL | Rural | 185 | N/A | 52.00% |
| 53886 | SOUTHFIELD HIGH SCHOOL | Urban | 1047 | N/A | |
| 53888 | Glenn W. Levey Middle School | Urban | 279 | N/A | |
| 53889 | MACARTHUR K-8 UNIVERSITY ACADEMY | Urban | 450 | N/A | |
| 53890 | Adlai Stevenson Elementary School | Urban | 355 | N/A | |
| 54108 | BRACE-LEDERLE ELEM SCHOOL | Urban | 554 | N/A | |
| 54111 | Morris Adler Elementary School | Urban | 312 | N/A | |
| 54113 | MCINTYRE ELEMENTARY SCHOOL | Urban | 336 | N/A | |
| 54115 | SOUTHFIELD-LATHRUP HIGH SCHOOL | Urban | 880 | N/A | |
| 54117 | Alice M. Birney K-8 School | Urban | 671 | N/A | |

| BEN | Name | Urban/ Rural | Number of Students | Students Count Based on Estimate | CEP Percentage |
|------------|-------------------------------------|-------------------------|-------------------------------|---|---------------------------|
| 54119 | VANDENBERG ELEMENTARY SCHOOL | Urban | 357 | N/A | |
| 54121 | Thompson K-8 International Academy | Urban | 602 | N/A | |
| 16027315 | SOUTHFIELD REGIONAL ACADEMIC CAMPUS | Urban | 290 | N/A | |
| 54064 | LAMPHERE HIGH SCHOOL | Urban | 778 | N/A | |
| 54065 | HILLER ELEMENTARY SCHOOL | Urban | 316 | N/A | 68.00% |
| 54066 | SIMONDS ELEMENTARY SCHOOL | Urban | 273 | N/A | |
| 54068 | EDMONSON ELEMENTARY SCHOOL | Urban | 286 | N/A | |
| 54076 | LESSENGER ELEMENTARY SCHOOL | Urban | 340 | N/A | |
| 54077 | PAGE MIDDLE SCHOOL | Urban | 566 | N/A | |
| 16049770 | LAMPHERE CENTER | Urban | 62 | N/A | |
| 54070 | MADISON PREPARATORY HIGH SCHOOL | Urban | 131 | N/A | 53.00% |
| 54073 | WILKINSON MIDDLE SCHOOL | Urban | 239 | N/A | 53.00% |
| 54074 | MADISON HIGH SCHOOL | Urban | 380 | N/A | 53.00% |
| 54075 | Keys Grace Academy | Urban | 245 | N/A | 85.00% |
| 160657 | MADISON ELEMENTARY | Urban | 428 | N/A | 53.00% |
| 54061 | BURTON ELEMENTARY SCHOOL | Urban | 492 | N/A | |
| 54078 | ANGELL ELEMENTARY SCHOOL | Urban | 432 | N/A | |
| 54079 | ANDERSON MIDDLE SCHOOL | Urban | 588 | N/A | |
| 54080 | PATTENGILL SCHOOL | Urban | 304 | N/A | |
| 54082 | ROGERS ELEMENTARY SCHOOL | Urban | 423 | N/A | |
| 54083 | BERKLEY HIGH SCHOOL | Urban | 1348 | N/A | |
| 55281 | NORUP INTERNATIONAL SCHOOL | Urban | 769 | N/A | |
| 54049 | KELLER (HELEN) ELEMENTARY | Urban | 421 | N/A | |
| 54051 | ROYAL OAK MIDDLE SCHOOL | Urban | 1137 | N/A | |
| 54057 | OAKLAND ELEMENTARY SCHOOL | Urban | 275 | N/A | |
| 54085 | Alfred E. Upton Elementary School | Urban | 284 | N/A | |
| 54088 | ROYAL OAK HIGH SCHOOL | Urban | 1221 | N/A | |
| 54089 | OAK RIDGE ELEMENTARY SCHOOL | Urban | 421 | N/A | |
| 54091 | ADDAMS (JANE) ELEMENTARY SCHOOL | Urban | 537 | N/A | |
| 54093 | NORTHWOOD ELEMENTARY SCHOOL | Urban | 461 | N/A | |
| 16070088 | CHURCHILL COMMUNITY HIGH SCHOOL | Urban | 90 | N/A | |
| 54148 | MORSE ELEMENTARY SCHOOL | Urban | 467 | N/A | |
| 54154 | WATTLES ELEMENTARY SCHOOL | Urban | 494 | N/A | |
| 54155 | BAKER MIDDLE SCHOOL | Urban | 735 | N/A | |
| 54156 | BARNARD ELEMENTARY SCHOOL | Urban | 486 | N/A | |
| 54157 | SCHROEDER ELEMENTARY SCHOOL | Urban | 517 | N/A | |
| 54158 | BOULAN PARK MIDDLE SCHOOL | Urban | 830 | N/A | |
| 54159 | BEMIS ELEMENTARY SCHOOL | Urban | 521 | N/A | |
| 54229 | HAMILTON ELEMENTARY SCHOOL | Urban | 509 | N/A | |
| 54230 | MARTELL ELEMENTARY SCHOOL | Urban | 500 | N/A | |
| 54231 | SMITH MIDDLE SCHOOL | Urban | 696 | N/A | |
| 54232 | TROY UNION ELEMENTARY SCHOOL | Urban | 468 | N/A | |
| 54233 | LARSON MIDDLE SCHOOL | Urban | 725 | N/A | |
| 54234 | ATHENS SENIOR HIGH SCHOOL | Urban | 1575 | N/A | |
| 54235 | HILL ELEMENTARY SCHOOL | Urban | 324 | N/A | |

| BEN | Name | Urban/ Rural | Number of Students | Students Count Based on Estimate | CEP Percentage |
|------------|--|-------------------------|-------------------------------|---|---------------------------|
| 54236 | WASS ELEMENTARY SCHOOL | Urban | 426 | N/A | |
| 54237 | TROY SENIOR HIGH SCHOOL | Urban | 1981 | N/A | |
| 54238 | LEONARD ELEMENTARY SCHOOL | Urban | 435 | N/A | |
| 54239 | COSTELLO ELEMENTARY SCHOOL | Urban | 360 | N/A | |
| 54498 | GRANDVIEW ELEMENTARY SCHOOL | Urban | 416 | N/A | |
| 54500 | CLARENCEVILLE MIDDLE SCHOOL | Urban | 435 | N/A | |
| 54501 | CLARENCEVILLE SR HIGH SCHOOL | Urban | 573 | N/A | |
| 54502 | BOTSFORD ELEMENTARY SCHOOL | Urban | 425 | N/A | |
| 54575 | DOLSEN (ANN L) ELEMENTARY SCHOOL | Urban | 567 | N/A | |
| 54591 | SALEM ELEMENTARY SCHOOL | Rural | 444 | N/A | |
| 54640 | BARTLETT (FRANK E) SCHOOL | Urban | 481 | N/A | |
| 54641 | SAYRE ELEMENTARY SCHOOL | Urban | 606 | N/A | |
| 54642 | SOUTH LYON HIGH SCHOOL | Urban | 1249 | N/A | |
| 54643 | MILLENNIUM MIDDLE SCHOOL | Urban | 954 | N/A | |
| 54644 | CENTENNIAL MIDDLE SCHOOL | Urban | 1029 | N/A | |
| 227800 | BRUMMER ELEMENTARY | Urban | 632 | N/A | |
| 227802 | KENT LAKE ELEMENTARY SCHOOL | Rural | 641 | N/A | |
| 16030292 | HARDY (SHARON J) ELEMENTARY SCHOOL | Urban | 708 | N/A | |
| 16046507 | SOUTH LYON EAST HIGH SCHOOL | Rural | 984 | N/A | |
| 17012018 | William A Pearson Elementary | Rural | 536 | N/A | |
| 55091 | COOLIDGE INTERMEDIATE SCHOOL | Urban | 1 | N/A | |
| 55096 | FERNDALE SENIOR HIGH SCHOOL | Urban | 770 | N/A | |
| 55097 | Tri-County Educational Center | Urban | 366 | N/A | |
| 55098 | Ferndale Lower Elementary Campus | Urban | 472 | N/A | |
| 55099 | UNIVERSITY HIGH SCHOOL | Urban | 455 | N/A | |
| 55288 | Ferndale Upper Elementary Campus | Urban | 507 | N/A | |
| 16049746 | FERNDALE MIDDLE SCHOOL | Urban | 508 | N/A | |
| 55280 | KEY ELEMENTARY SCHOOL | Urban | 682 | N/A | 63.00% |
| 55286 | PEPPER ELEMENTARY SCHOOL | Urban | 462 | N/A | 63.00% |
| 55287 | OAK PARK SENIOR HIGH SCHOOL | Urban | 1489 | N/A | 63.00% |
| 55293 | EINSTEIN ELEMENTARY SCHOOL | Urban | 655 | N/A | 63.00% |
| 160274 | OAK PARK PREPARATORY ACADEMY | Urban | 588 | N/A | 63.00% |
| 16068663 | NOVA OF OAK PARK ALTERNATIVE EDUCATION | Urban | 161 | N/A | 63.00% |
| 55349 | WING LAKE DEVELOPMENTAL CENTER | Urban | 109 | N/A | |
| 55357 | WAY ELEMENTARY SCHOOL | Urban | 438 | N/A | |
| 55358 | Bloomfield Hills High School | Urban | 1690 | N/A | |
| 55359 | CONANT ELEMENTARY SCHOOL | Urban | 405 | N/A | |
| 55360 | BLOOMFIELD HILLS MIDDLE SCHOOL | Urban | 754 | N/A | |
| 55365 | EAST HILLS MIDDLE SCHOOL | Urban | 435 | N/A | |
| 55367 | EASTOVER ELEMENTARY SCHOOL | Urban | 539 | N/A | |
| 55472 | LONE PINE ELEMENTARY SCHOOL | Urban | 357 | N/A | |
| 55473 | WEST HILLS MIDDLE SCHOOL | Urban | 646 | N/A | |
| 204819 | INTERNATIONAL ACADEMY | Urban | 0 | N/A | |
| 17006201 | Fox Hills Center | Urban | 31 | N/A | |
| 55371 | BALDWIN ELEMENTARY SCHOOL | Urban | 560 | N/A | |

| BEN | Name | Urban/ Rural | Number of Students | Students Count Based on Estimate | CEP Percentage |
|------------|-----------------------------------|-------------------------|-------------------------------|---|---------------------------|
| 55372 | HUGGER ELEMENTARY SCHOOL | Urban | 546 | N/A | |
| 55373 | MUSSON ELEMENTARY SCHOOL | Urban | 497 | N/A | |
| 55374 | ROCHESTER ADAMS HIGH SCHOOL | Urban | 1599 | N/A | |
| 55375 | BREWSTER ELEMENTARY SCHOOL | Urban | 408 | N/A | |
| 55376 | VAN HOOSSEN MIDDLE SCHOOL | Urban | 864 | N/A | |
| 55377 | HART MIDDLE SCHOOL | Urban | 1120 | N/A | |
| 55378 | NORTH HILL ELEMENTARY SCHOOL | Urban | 554 | N/A | |
| 55380 | ROCHESTER HIGH SCHOOL | Urban | 1661 | N/A | |
| 55382 | MCGREGOR ELEMENTARY SCHOOL | Urban | 466 | N/A | |
| 55383 | HAMLIN ELEMENTARY SCHOOL | Urban | 388 | N/A | |
| 55384 | HAMPTON ELEMENTARY SCHOOL | Urban | 443 | N/A | |
| 55387 | BROOKLANDS ELEMENTARY SCHOOL | Urban | 629 | N/A | |
| 55388 | REUTHER MIDDLE SCHOOL | Urban | 714 | N/A | |
| 55389 | ALTERNATIVE CENTER FOR EDUCATION | Urban | 80 | N/A | |
| 55390 | LONG MEADOW ELEMENTARY SCHOOL | Urban | 580 | N/A | |
| 55391 | WEST MIDDLE SCHOOL | Urban | 857 | N/A | |
| 55392 | MEADOW BROOK ELEMENTARY SCHOOL | Urban | 424 | N/A | |
| 55393 | UNIVERSITY HILLS ELEM SCHOOL | Urban | 477 | N/A | |
| 234374 | DELTA KELLY ELEMENTARY SCHOOL | Urban | 556 | N/A | |
| 234376 | STONEY CREEK HIGH SCHOOL | Urban | 1598 | N/A | |
| 55460 | ROOSEVELT ELEMENTARY SCHOOL | Urban | 457 | N/A | |
| 55462 | ORCHARD LAKE MIDDLE SCHOOL | Urban | 639 | N/A | |
| 55469 | SHEIKO ELEMENTARY SCHOOL | Urban | 490 | N/A | |
| 55470 | WEST BLOOMFIELD SR HIGH SCHOOL | Urban | 1688 | N/A | |
| 55471 | DOHERTY ELEMENTARY SCHOOL | Urban | 427 | N/A | |
| 55476 | GRETCHKO ELEMENTARY SCHOOL | Urban | 425 | N/A | |
| 55478 | ABBOTT MIDDLE SCHOOL | Urban | 657 | N/A | |
| 55480 | SCOTCH ELEMENTARY SCHOOL | Urban | 544 | N/A | |
| 55396 | DEERFIELD ELEMENTARY SCHOOL | Urban | 387 | N/A | |
| 55397 | AVONDALE MIDDLE SCHOOL | Urban | 702 | N/A | |
| 55398 | AVONDALE-MEADOWS UPPER ELEM | Urban | 17 | N/A | |
| 55485 | AVONDALE HIGH SCHOOL | Urban | 917 | N/A | |
| 55486 | AUBURN ELEMENTARY SCHOOL | Urban | 379 | N/A | |
| 55488 | R. GRANT GRAHAM ELEMENTARY SCHOOL | Urban | 394 | N/A | |
| 224732 | WOODLAND ELEMENTARY SCHOOL | Urban | 364 | N/A | |
| 16030436 | AVONDALE ACADEMY | Urban | 113 | N/A | |
| 55490 | BEAUMONT ELEMENTARY SCHOOL | Urban | 367 | N/A | |
| 55492 | RIVERSIDE ELEMENTARY SCHOOL | Urban | 384 | N/A | |
| 55494 | KNUDSEN ELEMENTARY SCHOOL | Urban | 343 | N/A | |
| 55496 | HAVILAND ELEMENTARY SCHOOL | Urban | 357 | N/A | |
| 55499 | WATERFORD MOTT HIGH SCHOOL | Urban | 1474 | N/A | |
| 55502 | DONELSON HILLS ELEMENTARY SCHOOL | Urban | 531 | N/A | |
| 55510 | SCHOOLCRAFT ELEMENTARY SCHOOL | Urban | 432 | N/A | |
| 55514 | WATERFORD KETTERING HIGH School | Urban | 1422 | N/A | |
| 55515 | PIERCE MIDDLE SCHOOL | Urban | 982 | N/A | |

| BEN | Name | Urban/ Rural | Number of Students | Students Count Based on Estimate | CEP Percentage |
|----------|---|-----------------|-----------------------|--|-------------------|
| 55516 | COOLEY ELEMENTARY SCHOOL | Urban | 482 | N/A | |
| 55517 | GRAYSON ELEMENTARY | Urban | 533 | N/A | |
| 55518 | MASON MIDDLE SCHOOL | Urban | 1057 | N/A | |
| 55657 | HOUGHTON ELEMENTARY SCHOOL | Urban | 310 | N/A | |
| 174478 | KINGSLEY MONTGOMERY SCHOOL | Urban | 95 | N/A | |
| 16084981 | Water Waterford Lifetracks - Crary Campus | Urban | 60 | N/A | |
| 16084980 | Waterford Durant High School | Urban | 201 | N/A | |
| 16084978 | Children's Village School | Urban | 151 | N/A | |
| 55511 | Sepanski Early Childhood Center | Urban | 75 | N/A | |
| 54084 | OAKLAND TECHNICAL CENTER SE | Urban | 631 | N/A | |
| 55560 | OAKLAND TECH SCHOOL NE | Urban | 636 | N/A | |
| 55668 | OAKLAND TECHNICAL CENTER SW | Urban | 591 | N/A | |
| 16026818 | OAKLAND SCHOOLS TECHNICAL CAMPUS NW | Rural | 643 | N/A | |
| 55520 | FOREST ELEMENTARY SCHOOL | Urban | 397 | N/A | |
| 55522 | BEECHVIEW ELEMENTARY SCHOOL | Urban | 283 | N/A | |
| 55523 | WARNER MIDDLE SCHOOL | Urban | 709 | N/A | |
| 55526 | NORTH FARMINGTON HIGH SCHOOL | Urban | 1259 | N/A | |
| 55527 | HIGHMEADOW COMMON CAMPUS SCHOOL | Urban | 248 | N/A | |
| 55528 | WOOD CREEK ELEMENTARY SCHOOL | Urban | 336 | N/A | |
| 55529 | O.E. DUNCKEL MIDDLE SCHOOL | Urban | 711 | N/A | |
| 55530 | KENBROOK ELEMENTARY SCHOOL | Urban | 363 | N/A | |
| 55532 | HARRISON HIGH SCHOOL | Urban | 1083 | N/A | |
| 55533 | HILLSIDE ELEMENTARY SCHOOL | Urban | 535 | N/A | |
| 55534 | VISIONS UNLIMITED | Urban | 81 | N/A | |
| 55536 | LONGACRE ELEMENTARY SCHOOL | Urban | 352 | N/A | |
| 55537 | POWER MIDDLE SCHOOL | Urban | 629 | N/A | |
| 55538 | GILL ELEMENTARY SCHOOL | Urban | 424 | N/A | |
| 55540 | EAST MIDDLE SCHOOL | Urban | 836 | N/A | |
| 55544 | J.A. LANIGAN ELEMENTARY SCHOOL | Urban | 440 | N/A | |
| 55545 | FARMINGTON HIGH SCHOOL | Urban | 1168 | N/A | |
| 55546 | Farmington Central High School | Urban | 111 | N/A | |
| 55547 | FARMINGTON COMMUNITY SCHOOL | Urban | 63 | N/A | |
| 55539 | ALAMEDA EARLY CHILDHOOD CTR | Urban | 23 | N/A | |
| 55483 | ROGERS ELEMENTARY SCHOOL | Urban | 410 | N/A | 66.00% |
| 55552 | KENNEDY CENTER | Urban | 95 | N/A | 66.00% |
| 55553 | ALCOTT ELEMENTARY SCHOOL | Urban | 448 | N/A | 66.00% |
| 55555 | OWEN ELEMENTARY SCHOOL | Urban | 410 | N/A | 66.00% |
| 55556 | PONTIAC HIGH SCHOOL | Urban | 847 | N/A | 66.00% |
| 55558 | PONTIAC MIDDLE SCHOOL | Urban | 799 | N/A | 66.00% |
| 55572 | Whitman Elementary School | Urban | 606 | N/A | 66.00% |
| 55574 | HERRINGTON ELEMENTARY SCHOOL | Urban | 489 | N/A | 66.00% |
| 55577 | WHITMER HUMAN RESOURCES CENTRE AKA International Technology Academy | Urban | 774 | N/A | 66.00% |
| 55580 | Pontiac Early Academy for Childhood Education | Urban | 33 | N/A | 66.00% |
| 55582 | CLARKSTON JUNIOR HIGH SCHOOL | Urban | 1268 | N/A | |

| BEN | Name | Urban/ Rural | Number of Students | Students Count Based on Estimate | CEP Percentage |
|------------|-------------------------------------|-------------------------|-------------------------------|---|---------------------------|
| 55583 | CLARKSTON HIGH SCHOOL | Urban | 1881 | N/A | |
| 55584 | CLARKSTON ELEMENTARY SCHOOL | Urban | 381 | N/A | |
| 55585 | PINE KNOB ELEMENTARY SCHOOL | Urban | 471 | N/A | |
| 55586 | NORTH SASHABAW ELEM SCHOOL | Urban | 384 | N/A | |
| 55588 | SASHABAW MIDDLE SCHOOL | Urban | 1179 | N/A | |
| 55589 | BAILEY LAKE ELEMENTARY SCHOOL | Rural | 553 | N/A | |
| 55591 | SPRINGFIELD PLAINS ELEMENTARY | Urban | 514 | N/A | |
| 55594 | ANDERSONVILLE ELEM SCHOOL | Rural | 337 | N/A | |
| 179506 | Clarkston Community Education | Urban | 209 | N/A | |
| 211623 | INDEPENDENCE ELEMENTARY | Rural | 481 | N/A | |
| 16035652 | EARLY CHILDHOOD CENTER | Urban | 431 | N/A | |
| 55601 | HARBOR HIGH SCHOOL | Rural | 121 | N/A | |
| 55602 | SPRING MILLS ELEMENTARY SCHOOL | Urban | 452 | N/A | |
| 55603 | MILFORD HIGH SCHOOL | Urban | 1369 | N/A | |
| 55607 | HIGHLAND ELEMENTARY SCHOOL | Urban | 336 | N/A | |
| 55642 | MUIR MIDDLE SCHOOL | Urban | 769 | N/A | |
| 55644 | KURTZ ELEMENTARY SCHOOL | Urban | 432 | N/A | |
| 55645 | JOHNSON ELEMENTARY SCHOOL | Urban | 406 | N/A | |
| 55646 | COUNTRY OAKS ELEMENTARY SCHOOL | Urban | 622 | N/A | |
| 55647 | OAK VALLEY MIDDLE SCHOOL | Urban | 732 | N/A | |
| 55650 | BROOKS ELEMENTARY SCHOOL | Rural | 279 | N/A | |
| 55651 | LAKEWOOD ELEMENTARY SCHOOL | Urban | 382 | N/A | |
| 55652 | LAKELAND HIGH SCHOOL | Urban | 1827 | N/A | |
| 55653 | WHITE LAKE MIDDLE SCHOOL | Urban | 735 | N/A | |
| 55654 | OXBOW ELEMENTARY SCHOOL | Urban | 395 | N/A | |
| 187565 | HERITAGE ELEMENTARY | Rural | 571 | N/A | |
| 55609 | CARPENTER ELEMENTARY SCHOOL | Urban | 0 | N/A | |
| 55611 | LAKE ORION HIGH SCHOOL | Rural | 0 | N/A | |
| 55612 | ORION OAKS ELEMENTARY SCHOOL | Urban | 0 | N/A | |
| 55613 | STADIUM DR ELEMENTARY SCHOOL | Urban | 0 | N/A | |
| 55614 | WALDON MIDDLE SCHOOL | Urban | 0 | N/A | |
| 55615 | SCRIPPS MIDDLE SCHOOL | Urban | 0 | N/A | |
| 55617 | WEBBER ELEMENTARY SCHOOL | Urban | 0 | N/A | |
| 55618 | PINE TREE ELEMENTARY SCHOOL | Urban | 0 | N/A | |
| 55619 | BLANCHE SIMS ELEMENTARY SCHOOL | Urban | 0 | N/A | |
| 204837 | COMMUNITY EDUCATION RESOURCE CENTER | Urban | 0 | N/A | |
| 225071 | PAINT CREEK ELEMENTARY SCHOOL | Urban | 0 | N/A | |
| 235304 | OAKVIEW MIDDLE SCHOOL | Rural | 0 | N/A | |
| 55631 | PARKVIEW ELEMENTARY SCHOOL | Urban | 587 | N/A | |
| 55632 | NOVI WOODS ELEMENTARY SCHOOL | Urban | 436 | N/A | |
| 55633 | NOVI MIDDLE SCHOOL | Urban | 1050 | N/A | |
| 55634 | NOVI MEADOWS ELEMENTARY SCHOOL | Urban | 1009 | N/A | |
| 55637 | NOVI HIGH SCHOOL | Urban | 2006 | N/A | |
| 55638 | ORCHARD HILLS ELEM SCHOOL | Urban | 373 | N/A | |
| 55639 | VILLAGE OAKS ELEMENTARY SCHOOL | Urban | 496 | N/A | |

| BEN | Name | Urban/ Rural | Number of Students | Students Count Based on Estimate | CEP Percentage |
|------------|--------------------------------------|-------------------------|-------------------------------|---|---------------------------|
| 16022128 | DEERFIELD ELEMENTARY | Urban | 455 | N/A | |
| 55468 | PLEASANT LAKE ELEM SCHOOL | Urban | 618 | N/A | |
| 55481 | KEITH ELEMENTARY SCHOOL | Urban | 655 | N/A | |
| 55640 | HICKORY WOODS ELEMENTARY SCH | Urban | 603 | N/A | |
| 55648 | COMMERCE ELEMENTARY SCHOOL | Urban | 624 | N/A | |
| 55649 | C H SMART MIDDLE SCHOOL | Urban | 1047 | N/A | |
| 55655 | DUBLIN ELEMENTARY SCHOOL | Urban | 579 | N/A | |
| 55658 | GLENGARY ELEMENTARY SCHOOL | Urban | 355 | N/A | |
| 55659 | WALLED LAKE CENTRAL HIGH | Urban | 1752 | N/A | |
| 55660 | OAKLEY PARK ELEMENTARY SCHOOL | Urban | 368 | N/A | |
| 55662 | MARY HELEN GUEST ELEM SCH | Urban | 396 | N/A | |
| 55663 | WALLED LAKE ELEMENTARY SCHOOL | Urban | 407 | N/A | |
| 55665 | WALLED LAKE COMMUNITY HIGH SCHOOL | Urban | 209 | N/A | |
| 55666 | WALLED LAKE WESTERN HIGH | Urban | 1333 | N/A | |
| 55667 | JAMES R. GEISLER MIDDLE SCHOOL | Urban | 694 | N/A | |
| 55669 | LOON LAKE ELEMENTARY SCHOOL | Urban | 530 | N/A | |
| 55670 | WIXOM ELEMENTARY SCHOOL | Urban | 454 | N/A | |
| 155469 | WALNUT CREEK MIDDLE SCHOOL | Urban | 816 | N/A | |
| 172600 | MEADOWBROOK ELEMENTARY SCHOOL | Urban | 549 | N/A | |
| 204590 | SARAH G. BANKS MIDDLE SCHOOL | Urban | 821 | N/A | |
| 16021291 | WALLED LAKE NORTHERN HIGH SCHOOL | Urban | 1597 | N/A | |
| 16035453 | OUTDOOR EDUCATION CENTER | Rural | 423 | N/A | |
| 55593 | DAVISBURG ELEMENTARY SCHOOL | Rural | 305 | N/A | |
| 55787 | PATTERSON ELEMENTARY SCHOOL | Rural | 418 | N/A | |
| 55789 | HOLLY HIGH SCHOOL | Rural | 1185 | N/A | |
| 55790 | HOLLY ELEMENTARY SCHOOL | Rural | 354 | N/A | |
| 55791 | HOLLY MIDDLE SCHOOL | Rural | 744 | N/A | |
| 167971 | ROSE PIONEER ELEMENTARY School | Rural | 332 | N/A | |
| 17006683 | Karl Richter Campus | Rural | 27 | N/A | |
| 55858 | BRANDON MIDDLE SCHOOL | Rural | 390 | N/A | |
| 55859 | BRANDON SR HIGH SCHOOL | Rural | 973 | N/A | |
| 55860 | HARVEY-SWANSON ELEMENTARY SCH | Rural | 304 | N/A | |
| 55861 | BRANDON FLETCHER INTERMEDIATE SCHOOL | Rural | 534 | N/A | |
| 16056344 | OAKWOOD ELEMENTARY | Rural | 294 | N/A | |
| 16082052 | BRANDON ACADEMY OF ARTS & SCIENCES | Rural | 84 | N/A | |
| 55620 | LEONARD ELEMENTARY SCHOOL | Rural | 254 | N/A | |
| 55624 | OXFORD ELEMENTARY SCHOOL | Urban | 442 | N/A | |
| 55625 | CLEAR LAKE ELEMENTARY SCHOOL | Urban | 477 | N/A | |
| 55627 | DANIEL AXFORD ELEMENTARY SCH | Urban | 390 | N/A | |
| 55628 | OXFORD MIDDLE SCHOOL | Urban | 1133 | N/A | |
| 204588 | LAKEVILLE ELEMENTARY SCHOOL | Urban | 368 | N/A | |
| 221749 | Oxford High School | Urban | 1645 | N/A | |
| 16064365 | OXFORD BRIDGES HIGH SCHOOL | Urban | 52 | N/A | |

Related School District NIFs

| School District BEN | School District Name | NIF BEN | NIF Name |
|---------------------|---------------------------------|----------|---|
| 130800 | CLAWSON PUBLIC SCHOOLS | 16027646 | BAKER ADMINISTRATION CENTER |
| 130806 | HAZEL PARK PUBLIC SCHOOLS | 16027313 | HAZEL PARK COMMUNITY SCHOOLS SERVICE CENTER |
| 130808 | SOUTHFIELD PUBLIC SCHOOL | 16027317 | ADMINISTRATION BUILDING |
| 130842 | ROYAL OAK PUBLIC SCHOOL DIST | 230242 | ROYAL OAK SCHOOL ADMINISTRATIVE OFFICE |
| 130842 | ROYAL OAK PUBLIC SCHOOL DIST | 16070086 | MAINTENANCE /TRANSPORTATION CENTER |
| 130917 | SOUTH LYON COMM SCHOOL DIST | 16027701 | SOUTH LYON ADMINISTRATION OFFICE |
| 130917 | SOUTH LYON COMM SCHOOL DIST | 16064352 | GRISWOLD OPERATION CENTER |
| 130955 | FERNDAL PUBLIC SCHOOL DIST | 55089 | FERNDAL ADMINISTRATION BUILDING |
| 130971 | ROCHESTER COMM SCHOOL DISTRICT | 16025760 | ADMINISTRATIVE CENTER |
| 130978 | WEST BLOOMFIELD SCHOOL DISTRICT | 204591 | ADMINISTRATIVE AND COMMUNITY SERVICES |
| 130980 | WATERFORD SCHOOL DISTRICT | 16035244 | COVERT CENTER |
| 130980 | WATERFORD SCHOOL DISTRICT | 16035245 | TRANSPORTATION BUILDING |
| 130980 | WATERFORD SCHOOL DISTRICT | 16035246 | MAINTENANCE & WAREHOUSE |
| 130980 | WATERFORD SCHOOL DISTRICT | 16076181 | KURZMAN ADMINISTRATION BUILDING |
| 130981 | OAKLAND SCHOOLS | 202077 | OAKLAND IDS ADMIN BUILDING |
| 130981 | OAKLAND SCHOOLS | 16050797 | OAKLAND SCHOOLS SUMMIT CAMPUS |
| 130984 | FARMINGTON PUBLIC SCHOOLS | 16027329 | Information Technology Annex Administration |
| 130986 | PONTIAC CITY SCHOOL DISTRICT | 16057144 | ADMINISTRATION BUILDING |
| 130988 | CLARKSTON COMM SCHOOL DISTRICT | 16035653 | ADMINISTRATION BUILDING |
| 130988 | CLARKSTON COMM SCHOOL DISTRICT | 16035654 | TRANSPORTATION BUILDING |
| 131001 | WALLED LAKE CONSOL SCH DIST | 16035452 | ADMINISTRATION ENTITY (OPERATIONS) |
| 131001 | WALLED LAKE CONSOL SCH DIST | 16035454 | ADMINISTRATION ENTITY (EDUCATIONAL SERVICES CENTER) |

Discount Rate

| Category One Discount Rate | Category Two Discount Rate | Voice Discount Rate |
|----------------------------|----------------------------|---------------------|
| 60% | 59% | 8% |

School District Discount Rate

| School District Enrollment | School District NSLP Count | School District NSLP Percentage | School District Urban/Rural Status | Category One Discount Rate | Category Two Discount Rate | Voice Discount Rate |
|----------------------------|----------------------------|---------------------------------|------------------------------------|----------------------------|----------------------------|---------------------|
| 8031 | 535 | 7.0% | Urban | 40% | 40% | 0% |
| 1620 | 574 | 36.0% | Urban | 60% | 60% | 0% |
| 2959 | 2466 | 84.0% | Urban | 90% | 85% | 30% |
| 6133 | 3745 | 62.0% | Urban | 80% | 80% | 20% |
| 2621 | 1300 | 50.0% | Urban | 80% | 80% | 20% |
| 1423 | 1246 | 88.0% | Urban | 90% | 85% | 30% |
| 4356 | 690 | 16.0% | Urban | 40% | 40% | 0% |
| 4847 | 1042 | 22.0% | Urban | 50% | 50% | 0% |
| 12049 | 1417 | 12.0% | Urban | 40% | 40% | 0% |
| 1849 | 1019 | 56.0% | Urban | 80% | 80% | 20% |

| School District Enrollment | School District NSLP Count | School District NSLP Percentage | School District Urban/ Rural Status | Category One Discount Rate | Category Two Discount Rate | Voice Discount Rate |
|----------------------------|----------------------------|---------------------------------|--|----------------------------|----------------------------|---------------------|
| 8831 | 1288 | 15.0% | Urban | 40% | 40% | 0% |
| 3079 | 1947 | 64.0% | Urban | 80% | 80% | 20% |
| 4037 | 4037 | 100.0% | Urban | 90% | 85% | 30% |
| 5655 | 515 | 10.0% | Urban | 40% | 40% | 0% |
| 15021 | 1405 | 10.0% | Urban | 40% | 40% | 0% |
| 5327 | 1364 | 26.0% | Urban | 50% | 50% | 0% |
| 3273 | 1064 | 33.0% | Urban | 50% | 50% | 0% |
| 9256 | 4924 | 54.0% | Urban | 80% | 80% | 20% |
| 2501 | 905 | 37.0% | Urban | 60% | 60% | 0% |
| 10051 | 2249 | 23.0% | Urban | 50% | 50% | 0% |
| 4911 | 4911 | 100.0% | Urban | 90% | 85% | 30% |
| 8089 | 1595 | 20.0% | Urban | 50% | 50% | 0% |
| 9428 | 2168 | 23.0% | Urban | 50% | 50% | 0% |
| 7542 | 1475 | 20.0% | Urban | 50% | 50% | 0% |
| 6412 | 370 | 6.0% | Urban | 40% | 40% | 0% |
| 14830 | 3081 | 21.0% | Urban | 50% | 50% | 0% |
| 3365 | 1319 | 40.0% | Rural | 70% | 70% | 10% |
| 2579 | 863 | 34.0% | Rural | 60% | 60% | 0% |
| 4761 | 921 | 20.0% | Urban | 40% | 40% | 0% |

Funding Request for FRN #1799072922

Funding Request Nickname: CDW FW Clarenceville

Service Type: Internal Connections

Agreement Information - Contract

| | | | |
|--|---------------|--|-------------------------------------|
| Contract Number | NA | Account Number | NA |
| Establishing FCC Form 470 | 170070879 | Service Provider | CDW Government LLC (SPN: 143005588) |
| Was an FCC Form 470 posted for the product and/or services you are requesting? | Yes | Based on State Master Contract? | No |
| Award Date | May 09, 2017 | Based on a multiple award schedule? | No |
| How many bids were received for this contract? | 4 | Includes Voluntary Extensions? | No |
| What is the service start date? | July 01, 2017 | Remaining Voluntary Extensions | |
| | | Total Remaining Contract Length | |
| | | What is the date your contract expires for the current term of the contract? | September 30, 2018 |

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Clarenceville

Line Item # 1799072922.001

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2130-NGFW-K9 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072922.001

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|--|---------------|
| One-time Unit Cost | \$10,198.30 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$10,198.30 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$10,198.30 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$10,198.30 |
| Pre-Discout Extended Eligible Line Item Cost | = \$10,198.30 |

Recipients of Services

| BEN | Name | Amount |
|-------|------------------------------|------------|
| 54498 | GRANDVIEW ELEMENTARY SCHOOL | \$2,549.58 |
| 54500 | CLARENCEVILLE MIDDLE SCHOOL | \$2,549.58 |
| 54501 | CLARENCEVILLE SR HIGH SCHOOL | \$2,549.57 |
| 54502 | BOTSFORD ELEMENTARY SCHOOL | \$2,549.57 |

Line Item # 1799072922.002

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2K-PWR-AC-400 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072922.002

| Monthly Cost | | One-Time Cost | |
|---|----------|--|------------|
| Monthly Recurring Unit Cost | \$0.00 | One-time Unit Cost | \$850.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 | One-time Eligible Unit Cost | = \$850.00 |
| Monthly Quantity | x 1 | One-time Quantity | x 1 |
| Units | 0 | Total Eligible One-time Costs | = \$850.00 |
| Total Monthly Eligible Recurring Costs | = \$0.00 | Summary | |
| Months of Service | x 12 | Total Eligible Recurring Costs | \$0.00 |
| Total Eligible Recurring Costs | = \$0.00 | Total Eligible One-time Costs | + \$850.00 |
| | | Pre-Discout Extended Eligible Line Item Cost | = \$850.00 |
| | | | |

Recipients of Services

| BEN | Name | Amount |
|-------|------------------------------|----------|
| 54498 | GRANDVIEW ELEMENTARY SCHOOL | \$212.50 |
| 54500 | CLARENCEVILLE MIDDLE SCHOOL | \$212.50 |
| 54501 | CLARENCEVILLE SR HIGH SCHOOL | \$212.50 |
| 54502 | BOTSFORD ELEMENTARY SCHOOL | \$212.50 |

FRN Calculation for FRN #1799072922

| Monthly Charges | |
|---|----------|
| Total Monthly Recurring Charges | \$0.00 |
| Total Monthly Ineligible Charges | - \$0.00 |
| Total Monthly Eligible Charges | = \$0.00 |
| Total Number of Months of Service | x 12 |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges | |
|--|---------------|
| Total One-Time Charges | \$11,048.30 |
| Total Ineligible One-Time Charges | - \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | = \$11,048.30 |

| Total Requested Amount | |
|---|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | + \$11,048.30 |
| Total Pre-Discount Charges | = \$11,048.30 |
| Discount Rate | 59% |
| Funding Commitment Request | = \$6,518.50 |

Funding Request for FRN #1799072948

Funding Request Nickname: CDW FW Clawson

Service Type: Internal Connections

Agreement Information - Contract

| | | | |
|---|---------------|---|-------------------------------------|
| Contract Number | NA | Account Number | NA |
| Establishing FCC Form 470 | 170070879 | Service Provider | CDW Government LLC (SPN: 143005588) |
| Was an FCC Form 470 posted for the product and/or services you are requesting? | Yes | Based on State Master Contract? | No |
| Award Date | May 09, 2017 | Based on a multiple award schedule? | No |
| How many bids were received for this contract? | 4 | Includes Voluntary Extensions? | No |
| What is the service start date? | July 01, 2017 | Remaining Voluntary Extensions | |
| | | Total Remaining Contract Length | |
| | | What is the date your contract expires for the current term of the contract? | September 30, 2018 |

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Clawson

Line Item # 1799072948.001

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2130-NGFW-K9 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072948.001

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|--|---------------|
| One-time Unit Cost | \$10,198.30 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$10,198.30 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$10,198.30 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$10,198.30 |
| Pre-Discout Extended Eligible Line Item Cost | = \$10,198.30 |

Recipients of Services

| BEN | Name | Amount |
|-------|---------------------------|------------|
| 53835 | PAUL E SCHALM ELEM SCHOOL | \$2,549.58 |
| 53836 | CLAWSON MIDDLE SCHOOL | \$2,549.58 |
| 53837 | CLAWSON SR HIGH SCHOOL | \$2,549.57 |
| 53838 | KENWOOD ELEMENTARY SCHOOL | \$2,549.57 |

Line Item # 1799072948.002

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2K-PWR-AC-400 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072948.002

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|--|------------|
| One-time Unit Cost | \$850.00 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$850.00 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$850.00 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$850.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$850.00 |

Recipients of Services

| BEN | Name | Amount |
|-------|---------------------------|----------|
| 53835 | PAUL E SCHALM ELEM SCHOOL | \$212.50 |
| 53836 | CLAWSON MIDDLE SCHOOL | \$212.50 |
| 53837 | CLAWSON SR HIGH SCHOOL | \$212.50 |
| 53838 | KENWOOD ELEMENTARY SCHOOL | \$212.50 |

FRN Calculation for FRN #1799072948

| Monthly Charges | |
|---|----------|
| Total Monthly Recurring Charges | \$0.00 |
| Total Monthly Ineligible Charges | - \$0.00 |
| Total Monthly Eligible Charges | = \$0.00 |
| Total Number of Months of Service | x 12 |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges | |
|--|---------------|
| Total One-Time Charges | \$11,048.30 |
| Total Ineligible One-Time Charges | - \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | = \$11,048.30 |

| Total Requested Amount | |
|---|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | + \$11,048.30 |
| Total Pre-Discount Charges | = \$11,048.30 |
| Discount Rate | 59% |
| Funding Commitment Request | = \$6,518.50 |

Funding Request for FRN #1799072957

Funding Request Nickname: CDW FW Lake Orion

Service Type: Internal Connections

Agreement Information - Contract

| | | | |
|---|---------------|---|-------------------------------------|
| Contract Number | NA | Account Number | NA |
| Establishing FCC Form 470 | 170070879 | Service Provider | CDW Government LLC (SPN: 143005588) |
| Was an FCC Form 470 posted for the product and/or services you are requesting? | Yes | Based on State Master Contract? | No |
| Award Date | May 09, 2017 | Based on a multiple award schedule? | No |
| How many bids were received for this contract? | 4 | Includes Voluntary Extensions? | No |
| What is the service start date? | July 01, 2017 | Remaining Voluntary Extensions | |
| | | Total Remaining Contract Length | |
| | | What is the date your contract expires for the current term of the contract? | September 30, 2018 |

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Lake Orion

Line Item # 1799072957.001

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2130-NGFW-K9 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072957.001

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|--|---------------|
| One-time Unit Cost | \$10,198.30 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$10,198.30 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$10,198.30 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$10,198.30 |
| Pre-Discout Extended Eligible Line Item Cost | = \$10,198.30 |

Recipients of Services

| BEN | Name | Amount |
|------------|-------------------------------------|---------------|
| 204837 | COMMUNITY EDUCATION RESOURCE CENTER | \$849.86 |
| 225071 | PAINT CREEK ELEMENTARY SCHOOL | \$849.86 |
| 235304 | OAKVIEW MIDDLE SCHOOL | \$849.86 |
| 55609 | CARPENTER ELEMENTARY SCHOOL | \$849.86 |
| 55611 | LAKE ORION HIGH SCHOOL | \$849.86 |
| 55612 | ORION OAKS ELEMENTARY SCHOOL | \$849.86 |
| 55613 | STADIUM DR ELEMENTARY SCHOOL | \$849.86 |
| 55614 | WALDON MIDDLE SCHOOL | \$849.86 |
| 55615 | SCRIPPS MIDDLE SCHOOL | \$849.86 |
| 55617 | WEBBER ELEMENTARY SCHOOL | \$849.86 |
| 55618 | PINE TREE ELEMENTARY SCHOOL | \$849.85 |
| 55619 | BLANCHE SIMS ELEMENTARY SCHOOL | \$849.85 |

Line Item # 1799072957.002

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2K-PWR-AC-400 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072957.002

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|--|------------|
| One-time Unit Cost | \$850.00 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$850.00 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$850.00 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$850.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$850.00 |

Recipients of Services

| BEN | Name | Amount |
|------------|-------------------------------------|---------------|
| 204837 | COMMUNITY EDUCATION RESOURCE CENTER | \$70.84 |
| 225071 | PAINT CREEK ELEMENTARY SCHOOL | \$70.84 |
| 235304 | OAKVIEW MIDDLE SCHOOL | \$70.84 |
| 55609 | CARPENTER ELEMENTARY SCHOOL | \$70.84 |
| 55611 | LAKE ORION HIGH SCHOOL | \$70.83 |
| 55612 | ORION OAKS ELEMENTARY SCHOOL | \$70.83 |
| 55613 | STADIUM DR ELEMENTARY SCHOOL | \$70.83 |
| 55614 | WALDON MIDDLE SCHOOL | \$70.83 |
| 55615 | SCRIPPS MIDDLE SCHOOL | \$70.83 |
| 55617 | WEBBER ELEMENTARY SCHOOL | \$70.83 |
| 55618 | PINE TREE ELEMENTARY SCHOOL | \$70.83 |
| 55619 | BLANCHE SIMS ELEMENTARY SCHOOL | \$70.83 |

FRN Calculation for FRN #1799072957

| Monthly Charges | |
|---|----------|
| Total Monthly Recurring Charges | \$0.00 |
| Total Monthly Ineligible Charges | - \$0.00 |
| Total Monthly Eligible Charges | = \$0.00 |
| Total Number of Months of Service | x 12 |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges | |
|--|---------------|
| Total One-Time Charges | \$11,048.30 |
| Total Ineligible One-Time Charges | - \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | = \$11,048.30 |

| Total Requested Amount | |
|---|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | + \$11,048.30 |
| Total Pre-Discount Charges | = \$11,048.30 |
| Discount Rate | 59% |
| Funding Commitment Request | = \$6,518.50 |

[Funding Request for FRN #1799072963](#)

Funding Request Nickname: CDW FW Novi

Service Type: Internal Connections

Agreement Information - Contract

| | | | |
|---|---------------|---|-------------------------------------|
| Contract Number | NA | Account Number | NA |
| Establishing FCC Form 470 | 170070879 | Service Provider | CDW Government LLC (SPN: 143005588) |
| Was an FCC Form 470 posted for the product and/or services you are requesting? | Yes | Based on State Master Contract? | No |
| Award Date | May 09, 2017 | Based on a multiple award schedule? | No |
| How many bids were received for this contract? | 4 | Includes Voluntary Extensions? | No |
| What is the service start date? | July 01, 2017 | Remaining Voluntary Extensions | |
| | | Total Remaining Contract Length | |
| | | What is the date your contract expires for the current term of the contract? | September 30, 2018 |

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Novi

Line Item # 1799072963.001

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2130-NGFW-K9 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072963.001

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|--|---------------|
| One-time Unit Cost | \$10,198.30 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$10,198.30 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$10,198.30 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$10,198.30 |
| Pre-Discout Extended Eligible Line Item Cost | = \$10,198.30 |

Recipients of Services

| BEN | Name | Amount |
|----------|--------------------------------|------------|
| 16022128 | DEERFIELD ELEMENTARY | \$1,274.79 |
| 55631 | PARKVIEW ELEMENTARY SCHOOL | \$1,274.79 |
| 55632 | NOVI WOODS ELEMENTARY SCHOOL | \$1,274.79 |
| 55633 | NOVI MIDDLE SCHOOL | \$1,274.79 |
| 55634 | NOVI MEADOWS ELEMENTARY SCHOOL | \$1,274.79 |
| 55637 | NOVI HIGH SCHOOL | \$1,274.79 |
| 55638 | ORCHARD HILLS ELEM SCHOOL | \$1,274.78 |
| 55639 | VILLAGE OAKS ELEMENTARY SCHOOL | \$1,274.78 |

Line Item # 1799072963.002

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2K-PWR-AC-400 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072963.002

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|--|------------|
| One-time Unit Cost | \$850.00 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$850.00 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$850.00 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$850.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$850.00 |

Recipients of Services

| BEN | Name | Amount |
|----------|--------------------------------|----------|
| 16022128 | DEERFIELD ELEMENTARY | \$106.25 |
| 55631 | PARKVIEW ELEMENTARY SCHOOL | \$106.25 |
| 55632 | NOVI WOODS ELEMENTARY SCHOOL | \$106.25 |
| 55633 | NOVI MIDDLE SCHOOL | \$106.25 |
| 55634 | NOVI MEADOWS ELEMENTARY SCHOOL | \$106.25 |
| 55637 | NOVI HIGH SCHOOL | \$106.25 |
| 55638 | ORCHARD HILLS ELEM SCHOOL | \$106.25 |
| 55639 | VILLAGE OAKS ELEMENTARY SCHOOL | \$106.25 |

FRN Calculation for FRN #1799072963

| Monthly Charges | |
|---|----------|
| Total Monthly Recurring Charges | \$0.00 |
| Total Monthly Ineligible Charges | - \$0.00 |
| Total Monthly Eligible Charges | = \$0.00 |
| Total Number of Months of Service | x 12 |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges | |
|--|---------------|
| Total One-Time Charges | \$11,048.30 |
| Total Ineligible One-Time Charges | - \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | = \$11,048.30 |

| Total Requested Amount | |
|---|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | + \$11,048.30 |
| Total Pre-Discount Charges | = \$11,048.30 |
| Discount Rate | 59% |
| Funding Commitment Request | = \$6,518.50 |

Funding Request for FRN #1799072967

Funding Request Nickname: CDW FW Pontiac

Service Type: Internal Connections

Agreement Information - Contract

| | | | |
|---|---------------|---|-------------------------------------|
| Contract Number | NA | Account Number | NA |
| Establishing FCC Form 470 | 170070879 | Service Provider | CDW Government LLC (SPN: 143005588) |
| Was an FCC Form 470 posted for the product and/or services you are requesting? | Yes | Based on State Master Contract? | No |
| Award Date | May 09, 2017 | Based on a multiple award schedule? | No |
| How many bids were received for this contract? | 4 | Includes Voluntary Extensions? | No |
| What is the service start date? | July 01, 2017 | Remaining Voluntary Extensions | |
| | | Total Remaining Contract Length | |
| | | What is the date your contract expires for the current term of the contract? | September 30, 2018 |

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Pontiac

Line Item # 1799072967.001

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2130-NGFW-K9 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072967.001

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|---|---------------|
| One-time Unit Cost | \$10,198.30 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$10,198.30 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$10,198.30 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$10,198.30 |
| Pre-Discourt Extended Eligible Line Item Cost | = \$10,198.30 |

Recipients of Services

| BEN | Name | Amount |
|-------|---|------------|
| 55483 | ROGERS ELEMENTARY SCHOOL | \$1,019.83 |
| 55552 | KENNEDY CENTER | \$1,019.83 |
| 55553 | ALCOTT ELEMENTARY SCHOOL | \$1,019.83 |
| 55555 | OWEN ELEMENTARY SCHOOL | \$1,019.83 |
| 55556 | PONTIAC HIGH SCHOOL | \$1,019.83 |
| 55558 | PONTIAC MIDDLE SCHOOL | \$1,019.83 |
| 55572 | Whitman Elementary School | \$1,019.83 |
| 55574 | HERRINGTON ELEMENTARY SCHOOL | \$1,019.83 |
| 55577 | WHITMER HUMAN RESOURCES CENTRE AKA International Technology Academy | \$1,019.83 |
| 55580 | Pontiac Early Academy for Childhood Education | \$1,019.83 |

Line Item # 1799072967.002

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2K-PWR-AC-400 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072967.002

| Monthly Cost | | One-Time Cost | |
|---|----------|--|------------|
| Monthly Recurring Unit Cost | \$0.00 | One-time Unit Cost | \$850.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 | One-time Eligible Unit Cost | = \$850.00 |
| Monthly Quantity | x 1 | One-time Quantity | x 1 |
| Units | 0 | Total Eligible One-time Costs | = \$850.00 |
| Total Monthly Eligible Recurring Costs | = \$0.00 | Summary | |
| Months of Service | x 12 | Total Eligible Recurring Costs | \$0.00 |
| Total Eligible Recurring Costs | = \$0.00 | Total Eligible One-time Costs | + \$850.00 |
| | | Pre-Discout Extended Eligible Line Item Cost | = \$850.00 |
| | | | |

Recipients of Services

| BEN | Name | Amount |
|-------|---|---------|
| 55483 | ROGERS ELEMENTARY SCHOOL | \$85.00 |
| 55552 | KENNEDY CENTER | \$85.00 |
| 55553 | ALCOTT ELEMENTARY SCHOOL | \$85.00 |
| 55555 | OWEN ELEMENTARY SCHOOL | \$85.00 |
| 55556 | PONTIAC HIGH SCHOOL | \$85.00 |
| 55558 | PONTIAC MIDDLE SCHOOL | \$85.00 |
| 55572 | Whitman Elementary School | \$85.00 |
| 55574 | HERRINGTON ELEMENTARY SCHOOL | \$85.00 |
| 55577 | WHITMER HUMAN RESOURCES CENTRE AKA International Technology Academy | \$85.00 |
| 55580 | Pontiac Early Academy for Childhood Education | \$85.00 |

FRN Calculation for FRN #1799072967

| Monthly Charges | |
|---|----------|
| Total Monthly Recurring Charges | \$0.00 |
| Total Monthly Ineligible Charges | - \$0.00 |
| Total Monthly Eligible Charges | = \$0.00 |
| Total Number of Months of Service | x 12 |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges | |
|--|---------------|
| Total One-Time Charges | \$11,048.30 |
| Total Ineligible One-Time Charges | - \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | = \$11,048.30 |

| Total Requested Amount | |
|---|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | + \$11,048.30 |
| Total Pre-Discount Charges | = \$11,048.30 |
| Discount Rate | 59% |
| Funding Commitment Request | = \$6,518.50 |

[Funding Request for FRN #1799072976](#)

Funding Request Nickname: CDW FW Royal Oak

Service Type: Internal Connections

Agreement Information - Contract

| | | | |
|---|---------------|---|-------------------------------------|
| Contract Number | NA | Account Number | NA |
| Establishing FCC Form 470 | 170070879 | Service Provider | CDW Government LLC (SPN: 143005588) |
| Was an FCC Form 470 posted for the product and/or services you are requesting? | Yes | Based on State Master Contract? | No |
| Award Date | May 09, 2017 | Based on a multiple award schedule? | No |
| How many bids were received for this contract? | 4 | Includes Voluntary Extensions? | No |
| What is the service start date? | July 01, 2017 | Remaining Voluntary Extensions | |
| | | Total Remaining Contract Length | |
| | | What is the date your contract expires for the current term of the contract? | September 30, 2018 |

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - Royal Oak

Line Item # 1799072976.001

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2130-NGFW-K9 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072976.001

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|--|---------------|
| One-time Unit Cost | \$10,198.30 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$10,198.30 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$10,198.30 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$10,198.30 |
| Pre-Discout Extended Eligible Line Item Cost | = \$10,198.30 |

Recipients of Services

| BEN | Name | Amount |
|----------|-----------------------------------|------------|
| 16070088 | CHURCHILL COMMUNITY HIGH SCHOOL | \$1,133.15 |
| 54049 | KELLER (HELEN) ELEMENTARY | \$1,133.15 |
| 54051 | ROYAL OAK MIDDLE SCHOOL | \$1,133.15 |
| 54057 | OAKLAND ELEMENTARY SCHOOL | \$1,133.15 |
| 54085 | Alfred E. Upton Elementary School | \$1,133.14 |
| 54088 | ROYAL OAK HIGH SCHOOL | \$1,133.14 |
| 54089 | OAK RIDGE ELEMENTARY SCHOOL | \$1,133.14 |
| 54091 | ADDAMS (JANE) ELEMENTARY SCHOOL | \$1,133.14 |
| 54093 | NORTHWOOD ELEMENTARY SCHOOL | \$1,133.14 |

Line Item # 1799072976.002

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2K-PWR-AC-400 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072976.002

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|--|------------|
| One-time Unit Cost | \$850.00 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$850.00 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$850.00 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$850.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$850.00 |

Recipients of Services

| BEN | Name | Amount |
|-------|--------------------------------|----------|
| 55460 | ROOSEVELT ELEMENTARY SCHOOL | \$106.25 |
| 55462 | ORCHARD LAKE MIDDLE SCHOOL | \$106.25 |
| 55469 | SHEIKO ELEMENTARY SCHOOL | \$106.25 |
| 55470 | WEST BLOOMFIELD SR HIGH SCHOOL | \$106.25 |
| 55471 | DOHERTY ELEMENTARY SCHOOL | \$106.25 |
| 55476 | GRETCHKO ELEMENTARY SCHOOL | \$106.25 |
| 55478 | ABBOTT MIDDLE SCHOOL | \$106.25 |
| 55480 | SCOTCH ELEMENTARY SCHOOL | \$106.25 |

FRN Calculation for FRN #1799072976

| Monthly Charges | |
|---|----------|
| Total Monthly Recurring Charges | \$0.00 |
| Total Monthly Ineligible Charges | - \$0.00 |
| Total Monthly Eligible Charges | = \$0.00 |
| Total Number of Months of Service | x 12 |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges | |
|--|---------------|
| Total One-Time Charges | \$11,048.30 |
| Total Ineligible One-Time Charges | - \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | = \$11,048.30 |

| Total Requested Amount | |
|---|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | + \$11,048.30 |
| Total Pre-Discount Charges | = \$11,048.30 |
| Discount Rate | 59% |
| Funding Commitment Request | = \$6,518.50 |

Funding Request for FRN #1799072984

Funding Request Nickname: CDW FW West Bloomfield

Service Type: Internal Connections

Agreement Information - Contract

| | | | |
|--|---------------|--|-------------------------------------|
| Contract Number | NA | Account Number | NA |
| Establishing FCC Form 470 | 170070879 | Service Provider | CDW Government LLC (SPN: 143005588) |
| Was an FCC Form 470 posted for the product and/or services you are requesting? | Yes | Based on State Master Contract? | No |
| Award Date | May 09, 2017 | Based on a multiple award schedule? | No |
| How many bids were received for this contract? | 4 | Includes Voluntary Extensions? | No |
| What is the service start date? | July 01, 2017 | Remaining Voluntary Extensions | |
| | | Total Remaining Contract Length | |
| | | What is the date your contract expires for the current term of the contract? | September 30, 2018 |

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Firewall - West Bloomfield

Line Item # 1799072984.001

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2130-NGFW-K9 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072984.001

| Monthly Cost | | One-Time Cost | |
|---|----------|--|---------------|
| Monthly Recurring Unit Cost | \$0.00 | One-time Unit Cost | \$10,198.30 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 | One-time Ineligible Unit Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 | One-time Eligible Unit Cost | = \$10,198.30 |
| Monthly Quantity | x 1 | One-time Quantity | x 1 |
| Units | 0 | Total Eligible One-time Costs | = \$10,198.30 |
| Total Monthly Eligible Recurring Costs | = \$0.00 | Summary | |
| Months of Service | x 12 | Total Eligible Recurring Costs | \$0.00 |
| Total Eligible Recurring Costs | = \$0.00 | Total Eligible One-time Costs | + \$10,198.30 |
| | | Pre-Discout Extended Eligible Line Item Cost | = \$10,198.30 |

Recipients of Services

| BEN | Name | Amount |
|-------|------------------------------|------------|
| 54498 | GRANDVIEW ELEMENTARY SCHOOL | \$2,549.58 |
| 54500 | CLARENCEVILLE MIDDLE SCHOOL | \$2,549.58 |
| 54501 | CLARENCEVILLE SR HIGH SCHOOL | \$2,549.57 |
| 54502 | BOTSFORD ELEMENTARY SCHOOL | \$2,549.57 |

Line Item # 1799072984.002

Product and Service Details

| | | | |
|------------------------------------|-----------------|--|--------------------------------|
| Type of Internal Connection | Data Protection | Type of Product | Firewall Services & Components |
| Make | Cisco Systems | Model | FPR2K-PWR-AC-400 |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799072984.002

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|--|------------|
| One-time Unit Cost | \$850.00 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$850.00 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$850.00 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$850.00 |
| Pre-Discout Extended Eligible Line Item Cost | = \$850.00 |

Recipients of Services

| BEN | Name | Amount |
|-------|------------------------------|----------|
| 54498 | GRANDVIEW ELEMENTARY SCHOOL | \$212.50 |
| 54500 | CLARENCEVILLE MIDDLE SCHOOL | \$212.50 |
| 54501 | CLARENCEVILLE SR HIGH SCHOOL | \$212.50 |
| 54502 | BOTSFORD ELEMENTARY SCHOOL | \$212.50 |

FRN Calculation for FRN #1799072984

| Monthly Charges | |
|---|----------|
| Total Monthly Recurring Charges | \$0.00 |
| Total Monthly Ineligible Charges | - \$0.00 |
| Total Monthly Eligible Charges | = \$0.00 |
| Total Number of Months of Service | x 12 |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges | |
|--|---------------|
| Total One-Time Charges | \$11,048.30 |
| Total Ineligible One-Time Charges | - \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | = \$11,048.30 |

| Total Requested Amount | |
|---|---------------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | + \$11,048.30 |
| Total Pre-Discount Charges | = \$11,048.30 |
| Discount Rate | 59% |
| Funding Commitment Request | = \$6,518.50 |

Funding Request for FRN #1799073224

Funding Request Nickname: Error Correction

Service Type: Internal Connections

Agreement Information - Month-to-Month

| | | | |
|--|---------------|-----------------------------|-------------------------------------|
| Establishing FCC Form 470 | 170070879 | Account Number | NA |
| Was an FCC Form 470 posted for the product and/or services you are requesting? | Yes | Service Provider | CDW Government LLC (SPN: 143005588) |
| How many bids were received for this contract? | 1 | When will the services end? | June 30, 2018 |
| What is the service start date? | July 01, 2017 | | |

Pricing Confidentiality

Is there a statute, rule, or other restriction which prohibits publication of the specific pricing information for this contract? No

Narrative Error correction so 471 error go away.

Line Item # 1799073224.001

Product and Service Details

| | | | |
|------------------------------------|---------------|--|-------------------|
| Type of Internal Connection | Miscellaneous | Type of Product | Fees, Taxes, etc. |
| Make | Other | Model | Error Correction |
| Is installation included in Price? | No | Is the hardware for this FRN line item leased? | No |

Cost Calculation for FRN Line Item # 1799073224.001

| Monthly Cost | |
|---|----------|
| Monthly Recurring Unit Cost | \$0.00 |
| Monthly Recurring Unit Ineligible Costs | - \$0.00 |
| Monthly Recurring Unit Eligible Costs | = \$0.00 |
| Monthly Quantity | x 1 |
| Units | 0 |
| Total Monthly Eligible Recurring Costs | = \$0.00 |
| Months of Service | x 12 |
| Total Eligible Recurring Costs | = \$0.00 |
| | |

| One-Time Cost | |
|--|----------|
| One-time Unit Cost | \$0.01 |
| One-time Ineligible Unit Costs | - \$0.00 |
| One-time Eligible Unit Cost | = \$0.01 |
| One-time Quantity | x 1 |
| Total Eligible One-time Costs | = \$0.01 |
| Summary | |
| Total Eligible Recurring Costs | \$0.00 |
| Total Eligible One-time Costs | + \$0.01 |
| Pre-Discout Extended Eligible Line Item Cost | = \$0.01 |

Recipients of Services

| BEN | Name | Amount |
|----------|--|--------|
| 53818 | QUARTON ELEMENTARY | \$0.01 |
| 53820 | ERNEST W. SEAHOLM HIGH SCHOOL | \$0.00 |
| 53821 | PIERCE ELEMENTARY SCHOOL | \$0.00 |
| 53823 | DERBY MIDDLE SCHOOL | \$0.00 |
| 53861 | BERKSHIRE MIDDLE SCHOOL | \$0.00 |
| 53862 | WYLIE E. GROVES HIGH SCHOOL | \$0.00 |
| 53863 | BEVERLY ELEMENTARY SCHOOL | \$0.00 |
| 53865 | BINGHAM FARMS ELEMENTARY SCHOOL | \$0.00 |
| 53867 | GREENFIELD ELEMENTARY SCHOOL | \$0.00 |
| 54160 | PEMBROKE ELEMENTARY SCHOOL | \$0.00 |
| 16027309 | HAZEL PARK ALTERNATIVE HIGH SCHOOL | \$0.00 |
| 16027314 | HAZEL PARK ADVANTAGE ALTERNATIVE EDUCATION | \$0.00 |
| 53878 | HOOVER ELEMENTARY SCHOOL | \$0.00 |
| 53879 | HAZEL PARK HIGH SCHOOL | \$0.00 |
| 53880 | HAZEL PARK JUNIOR HIGH | \$0.00 |
| 53881 | UNITED OAKS ELEMENTARY SCHOOL | \$0.00 |
| 55090 | EDISON MAX DAY TREATMENT | \$0.00 |
| 55093 | WEBB ELEMENTARY SCHOOL | \$0.00 |
| 55100 | JARDON VOCATIONAL SCHOOL | \$0.00 |
| 16027315 | SOUTHFIELD REGIONAL ACADEMIC CAMPUS | \$0.00 |
| 53886 | SOUTHFIELD HIGH SCHOOL | \$0.00 |
| 53888 | Glenn W. Levey Middle School | \$0.00 |
| 53889 | MACARTHUR K-8 UNIVERSITY ACADEMY | \$0.00 |
| 53890 | Adlai Stevenson Elementary School | \$0.00 |
| 54108 | BRACE-LEDERLE ELEM SCHOOL | \$0.00 |
| 54111 | Morris Adler Elementary School | \$0.00 |
| 54113 | MCINTYRE ELEMENTARY SCHOOL | \$0.00 |
| 54115 | SOUTHFIELD-LATHRUP HIGH SCHOOL | \$0.00 |
| 54117 | Alice M. Birney K-8 School | \$0.00 |
| 16049770 | LAMPHERE CENTER | \$0.00 |
| 54064 | LAMPHERE HIGH SCHOOL | \$0.00 |
| 54065 | HILLER ELEMENTARY SCHOOL | \$0.00 |
| 54066 | SIMONDS ELEMENTARY SCHOOL | \$0.00 |
| 54068 | EDMONSON ELEMENTARY SCHOOL | \$0.00 |
| 54076 | LESSENGER ELEMENTARY SCHOOL | \$0.00 |
| 54077 | PAGE MIDDLE SCHOOL | \$0.00 |
| 160657 | MADISON ELEMENTARY | \$0.00 |
| 54070 | MADISON PREPARATORY HIGH SCHOOL | \$0.00 |
| 54073 | WILKINSON MIDDLE SCHOOL | \$0.00 |
| 54074 | MADISON HIGH SCHOOL | \$0.00 |
| 54075 | Keys Grace Academy | \$0.00 |
| 54061 | BURTON ELEMENTARY SCHOOL | \$0.00 |
| 54078 | ANGELL ELEMENTARY SCHOOL | \$0.00 |
| 54079 | ANDERSON MIDDLE SCHOOL | \$0.00 |

| BEN | Name | Amount |
|------------|--|---------------|
| 54080 | PATTENGILL SCHOOL | \$0.00 |
| 54082 | ROGERS ELEMENTARY SCHOOL | \$0.00 |
| 54083 | BERKLEY HIGH SCHOOL | \$0.00 |
| 55281 | NORUP INTERNATIONAL SCHOOL | \$0.00 |
| 54148 | MORSE ELEMENTARY SCHOOL | \$0.00 |
| 54154 | WATTLES ELEMENTARY SCHOOL | \$0.00 |
| 54155 | BAKER MIDDLE SCHOOL | \$0.00 |
| 54156 | BARNARD ELEMENTARY SCHOOL | \$0.00 |
| 54157 | SCHROEDER ELEMENTARY SCHOOL | \$0.00 |
| 54158 | BOULAN PARK MIDDLE SCHOOL | \$0.00 |
| 54159 | BEMIS ELEMENTARY SCHOOL | \$0.00 |
| 54229 | HAMILTON ELEMENTARY SCHOOL | \$0.00 |
| 54230 | MARTELL ELEMENTARY SCHOOL | \$0.00 |
| 54231 | SMITH MIDDLE SCHOOL | \$0.00 |
| 16030292 | HARDY (SHARON J) ELEMENTARY SCHOOL | \$0.00 |
| 16046507 | SOUTH LYON EAST HIGH SCHOOL | \$0.00 |
| 17012018 | William A Pearson Elementary | \$0.00 |
| 227800 | BRUMMER ELEMENTARY | \$0.00 |
| 227802 | KENT LAKE ELEMENTARY SCHOOL | \$0.00 |
| 54575 | DOLSEN (ANN L) ELEMENTARY SCHOOL | \$0.00 |
| 54591 | SALEM ELEMENTARY SCHOOL | \$0.00 |
| 54640 | BARTLETT (FRANK E) SCHOOL | \$0.00 |
| 54641 | SAYRE ELEMENTARY SCHOOL | \$0.00 |
| 54642 | SOUTH LYON HIGH SCHOOL | \$0.00 |
| 16049746 | FERNDALDE MIDDLE SCHOOL | \$0.00 |
| 55091 | COOLIDGE INTERMEDIATE SCHOOL | \$0.00 |
| 55096 | FERNDALDE SENIOR HIGH SCHOOL | \$0.00 |
| 55097 | Tri-County Educational Center | \$0.00 |
| 55098 | Ferndale Lower Elementary Campus | \$0.00 |
| 55099 | UNIVERSITY HIGH SCHOOL | \$0.00 |
| 55288 | Ferndale Upper Elementary Campus | \$0.00 |
| 160274 | OAK PARK PREPARATORY ACADEMY | \$0.00 |
| 16068663 | NOVA OF OAK PARK ALTERNATIVE EDUCATION | \$0.00 |
| 55280 | KEY ELEMENTARY SCHOOL | \$0.00 |
| 55286 | PEPPER ELEMENTARY SCHOOL | \$0.00 |
| 55287 | OAK PARK SENIOR HIGH SCHOOL | \$0.00 |
| 55293 | EINSTEIN ELEMENTARY SCHOOL | \$0.00 |
| 17006201 | Fox Hills Center | \$0.00 |
| 204819 | INTERNATIONAL ACADEMY | \$0.00 |
| 55349 | WING LAKE DEVELOPMENTAL CENTER | \$0.00 |
| 55357 | WAY ELEMENTARY SCHOOL | \$0.00 |
| 55358 | Bloomfield Hills High School | \$0.00 |
| 55359 | CONANT ELEMENTARY SCHOOL | \$0.00 |
| 55360 | BLOOMFIELD HILLS MIDDLE SCHOOL | \$0.00 |
| 55365 | EAST HILLS MIDDLE SCHOOL | \$0.00 |
| 55367 | EASTOVER ELEMENTARY SCHOOL | \$0.00 |

| BEN | Name | Amount |
|------------|---|---------------|
| 55472 | LONE PINE ELEMENTARY SCHOOL | \$0.00 |
| 234374 | DELTA KELLY ELEMENTARY SCHOOL | \$0.00 |
| 234376 | STONEY CREEK HIGH SCHOOL | \$0.00 |
| 55371 | BALDWIN ELEMENTARY SCHOOL | \$0.00 |
| 55372 | HUGGER ELEMENTARY SCHOOL | \$0.00 |
| 55373 | MUSSON ELEMENTARY SCHOOL | \$0.00 |
| 55374 | ROCHESTER ADAMS HIGH SCHOOL | \$0.00 |
| 55375 | BREWSTER ELEMENTARY SCHOOL | \$0.00 |
| 55376 | VAN HOOSSEN MIDDLE SCHOOL | \$0.00 |
| 55377 | HART MIDDLE SCHOOL | \$0.00 |
| 55378 | NORTH HILL ELEMENTARY SCHOOL | \$0.00 |
| 16030436 | AVONDALE ACADEMY | \$0.00 |
| 224732 | WOODLAND ELEMENTARY SCHOOL | \$0.00 |
| 55396 | DEERFIELD ELEMENTARY SCHOOL | \$0.00 |
| 55397 | AVONDALE MIDDLE SCHOOL | \$0.00 |
| 55398 | AVONDALE-MEADOWS UPPER ELEM | \$0.00 |
| 55485 | AVONDALE HIGH SCHOOL | \$0.00 |
| 55486 | AUBURN ELEMENTARY SCHOOL | \$0.00 |
| 55488 | R. GRANT GRAHAM ELEMENTARY SCHOOL | \$0.00 |
| 16084978 | Children's Village School | \$0.00 |
| 16084980 | Waterford Durant High School | \$0.00 |
| 16084981 | Water Waterford Lifetracks - Crary Campus | \$0.00 |
| 174478 | KINGSLEY MONTGOMERY SCHOOL | \$0.00 |
| 55490 | BEAUMONT ELEMENTARY SCHOOL | \$0.00 |
| 55492 | RIVERSIDE ELEMENTARY SCHOOL | \$0.00 |
| 55494 | KNUDSEN ELEMENTARY SCHOOL | \$0.00 |
| 55496 | HAVILAND ELEMENTARY SCHOOL | \$0.00 |
| 55499 | WATERFORD MOTT HIGH SCHOOL | \$0.00 |
| 55502 | DONELSON HILLS ELEMENTARY SCHOOL | \$0.00 |
| 16026818 | OAKLAND SCHOOLS TECHNICAL CAMPUS NW | \$0.00 |
| 54084 | OAKLAND TECHNICAL CENTER SE | \$0.00 |
| 55560 | OAKLAND TECH SCHOOL NE | \$0.00 |
| 55668 | OAKLAND TECHNICAL CENTER SW | \$0.00 |
| 55520 | FOREST ELEMENTARY SCHOOL | \$0.00 |
| 55522 | BEECHVIEW ELEMENTARY SCHOOL | \$0.00 |
| 55523 | WARNER MIDDLE SCHOOL | \$0.00 |
| 55526 | NORTH FARMINGTON HIGH SCHOOL | \$0.00 |
| 55527 | HIGHMEADOW COMMON CAMPUS SCHOOL | \$0.00 |
| 55528 | WOOD CREEK ELEMENTARY SCHOOL | \$0.00 |
| 55529 | O.E. DUNCKEL MIDDLE SCHOOL | \$0.00 |
| 55530 | KENBROOK ELEMENTARY SCHOOL | \$0.00 |
| 55532 | HARRISON HIGH SCHOOL | \$0.00 |
| 55533 | HILLSIDE ELEMENTARY SCHOOL | \$0.00 |
| 16035652 | EARLY CHILDHOOD CENTER | \$0.00 |
| 179506 | Clarkston Community Education | \$0.00 |
| 211623 | INDEPENDENCE ELEMENTARY | \$0.00 |

| BEN | Name | Amount |
|------------|--------------------------------------|---------------|
| 55582 | CLARKSTON JUNIOR HIGH SCHOOL | \$0.00 |
| 55583 | CLARKSTON HIGH SCHOOL | \$0.00 |
| 55584 | CLARKSTON ELEMENTARY SCHOOL | \$0.00 |
| 55585 | PINE KNOB ELEMENTARY SCHOOL | \$0.00 |
| 55586 | NORTH SASHABAW ELEM SCHOOL | \$0.00 |
| 55588 | SASHABAW MIDDLE SCHOOL | \$0.00 |
| 55589 | BAILEY LAKE ELEMENTARY SCHOOL | \$0.00 |
| 187565 | HERITAGE ELEMENTARY | \$0.00 |
| 55601 | HARBOR HIGH SCHOOL | \$0.00 |
| 55602 | SPRING MILLS ELEMENTARY SCHOOL | \$0.00 |
| 55603 | MILFORD HIGH SCHOOL | \$0.00 |
| 55607 | HIGHLAND ELEMENTARY SCHOOL | \$0.00 |
| 55642 | MUIR MIDDLE SCHOOL | \$0.00 |
| 55644 | KURTZ ELEMENTARY SCHOOL | \$0.00 |
| 55645 | JOHNSON ELEMENTARY SCHOOL | \$0.00 |
| 55646 | COUNTRY OAKS ELEMENTARY SCHOOL | \$0.00 |
| 55647 | OAK VALLEY MIDDLE SCHOOL | \$0.00 |
| 155469 | WALNUT CREEK MIDDLE SCHOOL | \$0.00 |
| 16021291 | WALLED LAKE NORTHERN HIGH SCHOOL | \$0.00 |
| 16035453 | OUTDOOR EDUCATION CENTER | \$0.00 |
| 172600 | MEADOWBROOK ELEMENTARY SCHOOL | \$0.00 |
| 204590 | SARAH G. BANKS MIDDLE SCHOOL | \$0.00 |
| 55468 | PLEASANT LAKE ELEM SCHOOL | \$0.00 |
| 55481 | KEITH ELEMENTARY SCHOOL | \$0.00 |
| 55640 | HICKORY WOODS ELEMENTARY SCH | \$0.00 |
| 55648 | COMMERCE ELEMENTARY SCHOOL | \$0.00 |
| 55649 | C H SMART MIDDLE SCHOOL | \$0.00 |
| 167971 | ROSE PIONEER ELEMENTARY School | \$0.00 |
| 17006683 | Karl Richter Campus | \$0.00 |
| 55593 | DAVISBURG ELEMENTARY SCHOOL | \$0.00 |
| 55787 | PATTERSON ELEMENTARY SCHOOL | \$0.00 |
| 55789 | HOLLY HIGH SCHOOL | \$0.00 |
| 55790 | HOLLY ELEMENTARY SCHOOL | \$0.00 |
| 55791 | HOLLY MIDDLE SCHOOL | \$0.00 |
| 16056344 | OAKWOOD ELEMENTARY | \$0.00 |
| 16082052 | BRANDON ACADEMY OF ARTS & SCIENCES | \$0.00 |
| 55858 | BRANDON MIDDLE SCHOOL | \$0.00 |
| 55859 | BRANDON SR HIGH SCHOOL | \$0.00 |
| 55860 | HARVEY-SWANSON ELEMENTARY SCH | \$0.00 |
| 55861 | BRANDON FLETCHER INTERMEDIATE SCHOOL | \$0.00 |
| 55863 | BRANDON EDUCATION CENTER | \$0.00 |
| 16064365 | OXFORD BRIDGES HIGH SCHOOL | \$0.00 |
| 204588 | LAKEVILLE ELEMENTARY SCHOOL | \$0.00 |
| 221749 | Oxford High School | \$0.00 |
| 55620 | LEONARD ELEMENTARY SCHOOL | \$0.00 |
| 55624 | OXFORD ELEMENTARY SCHOOL | \$0.00 |

| BEN | Name | Amount |
|-------|------------------------------|--------|
| 55625 | CLEAR LAKE ELEMENTARY SCHOOL | \$0.00 |
| 55627 | DANIEL AXFORD ELEMENTARY SCH | \$0.00 |
| 55628 | OXFORD MIDDLE SCHOOL | \$0.00 |

FRN Calculation for FRN #1799073224

| Monthly Charges | |
|---|----------|
| Total Monthly Recurring Charges | \$0.00 |
| Total Monthly Ineligible Charges | - \$0.00 |
| Total Monthly Eligible Charges | = \$0.00 |
| Total Number of Months of Service | x 12 |
| Total Eligible Pre-Discount Recurring Charges | = \$0.00 |

| One-Time Charges | |
|--|----------|
| Total One-Time Charges | \$0.01 |
| Total Ineligible One-Time Charges | - \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | = \$0.01 |

| Total Requested Amount | |
|---|----------|
| Total Eligible Pre-Discount Recurring Charges | \$0.00 |
| Total Eligible Pre-Discount One-Time Charges | + \$0.01 |
| Total Pre-Discount Charges | = \$0.01 |
| Discount Rate | 100% |
| Funding Commitment Request | = \$0.01 |

Certifications

I certify that the entity I represent or the entities listed on this application have secured access, separately or through this program, to all of the resources, including computers, training, software, internal connections, maintenance, and electrical capacity, necessary to use the services purchased effectively. I recognize that some of the aforementioned resources are not eligible for support. I certify that the entities I represent or the entities listed on this application have secured access to all of the resources to pay the discounted charges for eligible services from funds to which access has been secured in the current funding year. I certify that the Billed Entity will pay the non-discount portion of the cost of the goods and services to the service provider(s).

I certify an FCC Form 470 was posted and that any related RFP was made available for at least 28 days before considering all bids received and selecting a service provider. I certify that all bids submitted were carefully considered and the most cost-effective service offering was selected, with price being the primary factor considered, and is the most cost-effective means of meeting educational needs and technology goals.

Total Funding Summary

Below is a summary of the total line item costs on this FCC Form 471:

| Summary | |
|---|-------------|
| Total funding year pre-discount eligible amount on this FCC Form 471 | \$77,338.11 |
| Total funding commitment request amount on this FCC Form 471 | \$45,629.51 |
| Total applicant non-discount share of the eligible amount | \$31,708.60 |
| Total budgeted amount allocated to resources not eligible for E-rate support | \$0.00 |
| Total amount necessary for the applicant to pay the non-discount share of eligible and any ineligible amounts | \$31,708.60 |
| Are you receiving any of the funds directly from a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year? | No |
| Has a service provider listed on any of the FCC Forms 471 filed by this Billed Entity for this funding year assisted you in locating funds needed to pay your non-discounted share? | No |

I certify that the entity responsible for selecting the service provider(s) has reviewed all applicable FCC, state, and local procurement/competitive bidding requirements and that the entity or entities listed on this application have complied with them.

I certify that the services the applicant purchases at discounts provided by 47 U.S.C. § 254 will be used primarily for educational purposes, see 47 C.F.R. § 54.500 and will not be sold, resold or transferred in consideration for money or any other thing of value, except as permitted by the Commission's rules at 47 C.F.R. § 54.513. Additionally, I certify that the entity or entities listed on this application have not received anything of value or a promise of anything of value, as prohibited by the Commission's rules at 47 C.F.R. § 54.503(d), other than services and equipment sought by means of this form, from the service provider, or any representative or agent thereof or any consultant in connection with this request for services.

I certify that I and the entity(ies) I represent have complied with all program rules and I acknowledge that failure to do so may result in denial of discount funding and/or cancellation of funding commitments. There are signed contracts or other legally binding agreements covering all of the services listed on this FCC Form 471 except for those services provided under non-contracted tariffed or month-to-month arrangements. I acknowledge that failure to comply with program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

I acknowledge that the discount level used for shared services is conditional, for future years, upon ensuring that the most disadvantaged schools and libraries that are treated as sharing in the service, receive an appropriate share of benefits from those services.

I certify that I will retain required documents for a period of at least 10 years (or whatever retention period is required by the rules in effect at the time of this certification) after the later of the last day of the applicable funding year or the service delivery deadline for the associated funding request. I acknowledge that I may be audited pursuant to participation in the schools and libraries program. I certify that I will retain all documents necessary to demonstrate compliance with the statute and Commission rules regarding the application for, receipt of, and delivery of services receiving schools and libraries discounts, and that if audited, I will make such records available to USAC.

I certify that I am authorized to order telecommunications and other supported services for the eligible entity(ies) listed on this application. I certify that I am authorized to submit this request on behalf of the eligible entity(ies) listed on this application, that I have examined this request, that all of the information on this form is true and correct to the best of my knowledge, that the entities that are receiving discounts pursuant to this application have complied with the terms, conditions and purposes of the program, that no kickbacks were paid to anyone and that false statements on this form can be punished by fine or forfeiture under the Communications Act, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001 and civil violations of the False Claims Act.

I acknowledge that FCC rules provide that persons who have been convicted of criminal violations or held civilly liable for certain acts arising from their participation in the schools and libraries support mechanism are subject to suspension and debarment from the program. I will institute reasonable measures to be informed, and will notify USAC should I be informed or become aware that I or any of the entities listed on this application, or any person associated in any way with my entity and/or the entities listed on this application, is convicted of a criminal violation or held civilly liable for acts arising from their participation in the schools and libraries support mechanism.

I certify that if any of the Funding Requests on this FCC Form 471 are for discounts for products or services that contain both eligible and ineligible components, that I have allocated the eligible and ineligible components as required by the Commission's rules at 47 C.F.R. § 54.504.

Notice

Section 54.504 of the Federal Communications Commission's rules requires all schools and libraries ordering services that are eligible for and seeking universal service discounts to submit an application for such discounts by filing this Services Ordered and Certification Form (FCC Form 471) with the Universal Service Administrator. 47 C.F.R. § 54.504. The collection of information stems from the Commission's authority under Section 254 of the Communications Act of 1934, as amended. 47 U.S.C. § 254. The data in the report will be used to ensure that schools and libraries comply with the application requirements for universal service

discounts contained in 47 C.F.R. § 54.504. Schools and libraries must file this form themselves or as part of a consortium. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The FCC is authorized under the Communications Act of 1934, as amended, to collect the information we request in this form. We will use the information you provide to determine whether approving your application for universal service discounts is in the public interest. If we believe there may be a violation or a potential violation of any applicable statute, regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing, or implementing the statute, rule, regulation or order. In certain cases, the information in your application for universal service discounts may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government is a party of a proceeding before the body or has an interest in the proceeding. In addition, consistent with the Communications Act of 1934, FCC regulations and orders, the Freedom of Information Act, 5 U.S.C. § 552, or other applicable law, information provided in or submitted with this form or in response to subsequent inquiries may be disclosed to the public. If you owe a past due debt to the Federal government, the information you provide may also be disclosed to the Department of the Treasury Financial Management Service, other Federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide the information to these agencies through the matching of computer records when authorized. If you do not provide the information we request on the form, the FCC or the Universal Service Administrator may delay processing of your application for universal service discounts or may return your application without action. The foregoing Notice is required by the Paperwork Reduction Act of 1995, Pub. L. No. 104-13, 44 U.S.C. § 3501, et seq. Public reporting burden for this collection of information is estimated to average 4.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing, and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the reporting burden to the Federal Communications Commission, Performance Evaluation and Records Management, Washington, DC 20554. We also will accept your comments via the email if you send them to PRA@FCC.gov. DO NOT SEND COMPLETED WORKSHEETS TO THESE ADDRESSES.

Authorized Person

| | | | |
|-----------------|--|------------------|-------------------------|
| Title: | Deputy Superintendent Financial Services | Name: | Robert Moore |
| Phone: | 248-209-2000 | Email: | erate@oakland.k12.mi.us |
| Address: | 2111 Pontiac Lake Rd Waterford MI 48328 | Employer: | Robert Moore |

Certified Timestamp

10-May-2017 15:26:30 EDT

EXHIBIT B

CONDITIONAL PURCHASE AGREEMENT

This Conditional Purchase Agreement (hereinafter, the "Agreement") is entered into this 04/19/2017 between **Oakland Schools** ("Buyer"), whose address is **2111 Pontiac Lake Road, Waterford, MI 48328** and CDW Government LLC ("Seller") whose address is **230 N. Milwaukee Avenue, Vernon Hills, IL 60061**.

RECITALS:

- A. Whereas, "Buyer" is applying for certain federal funding from the Schools and Library Division (SLD) of the Universal Service Administration Corporation (USAC), a nonprofit corporation, for the Universal Service Fund E-Rate Program FY17 (2017-18) discounts ("E-Rate Funding") to enable it to purchase **FIREWALLSS** for its school district;
- B. Whereas, "Seller" is a distributor of the **FIREWALLS** listed in a Proposal, dated 04/13/2017, (**Exhibit A**, "Seller's Proposal") that it issued to "Buyer";
- C. Whereas, "Buyer" would like to purchase **FIREWALLS** listed in "Seller's Proposal", **if** the "Buyer" receives E-Rate Funding to assist with the purchase of said **FIREWALLS**.
- D. Whereas, the "Buyer" and "Seller" wish to memorialize the terms of their Agreement, which is conditional upon the "Buyer" receiving E-Rate Funding.

NOW, THEREFORE, for and in consideration of the foregoing Recitals, the mutual covenants set forth below and other good and valuable consideration, the receipt and sufficiency of which are acknowledged, "Buyer" and "Seller" agree as follows:

1. Conditional Agreement Contingent Upon E-Rate Funding

This is a Conditional Agreement and the obligations of either party as set forth herein are entirely conditional upon "Seller" receiving written notification in the form of a Funding Commitment Decision Letter from the SLD-USAC that "Buyer" has been approved for E-Rate Funding. Also, if "Buyer" receives less than the full E-Rate Funding for which it applies, the "Buyer" has the unrestricted right to reduce the number of units and services in "Seller's Proposal" that "Buyer" purchases. In the event that E-Rate Funding is not available for the attached Proposal, "Buyer", in its discretion, may cancel and/or modify this Agreement.

2. Items and Services To Be Purchased

If "Buyer" receives written notification that it has been approved for full E-Rate Funding for which it applied, "Buyer" agrees to purchase from the "Seller" **FIREWALLS** at the stated/quoted price(s) for each unit(s) listed in "Seller's Proposal". As stated above, "Buyer" has the unrestricted right to reduce the number of units and services in Proposal that it purchases, if "Buyer" receives less than the full E-Rate Funding for which it applies. In such event, "Buyer" will receive less than the full E-Rate Funding for which it applied, and thus, the scope of work will change and consequently, "Buyer" may only be able to purchase a portion of the items and services on "Seller's Proposal" in order to meet budget requirements.

3. **Variations From Specifications**

If "Buyer" reduces the amount or quantity of units and services it purchases, the unit pricing, as specified in "Seller's Proposal", will remain the same. "Seller" shall notify "Buyer" in writing of any manufacturer substitutions in the original "Seller's Proposal" prior to delivery and installation.

4. **Product and Services Delivery and Installation**

"Seller" agrees that in no event will orders be placed by "Seller" until after it receives a Funding Commitment Decision Letter. In the event the Funding Commitment Decision Letter states that "Buyer" receives less than the full E-Rate Funding, "Seller" agrees that no orders will be placed until "Buyer" has confirmed in writing the number of units and services it wishes to purchase. Lead times for product delivery and installation are to be quoted by "Seller" to "Buyer" upon receipt of the FCDL by the "Seller". "Seller" agrees to have delivery and installations completed by September 30th of the relevant funding year.

5. **Tender Of Payment**

Upon receipt of the Funding Commitment Decision Letter from the SLD-USAC, "Buyer" shall issue a purchase order for the non-discounted portion in excess of the E-Rate Funding promised by the SLD-USAC. The "Seller" shall be responsible for obtaining from the SLD-USAC the E-Rate Funding promised in the Funding Commitment Decision Letter. "Seller" shall invoice the SLD-USAC within 120 days after the delivery and installations are completed. In no event shall the total purchase price exceed the "Seller's Proposal" price.

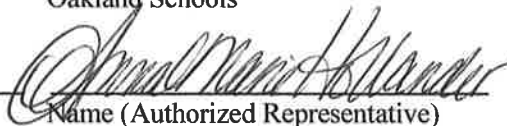
IN WITNESS WHEREOF, both parties have caused this Agreement to be executed by their Authorized Representatives below.

CDW Government LLC

Oakland Schools

Jennifer Fabianski

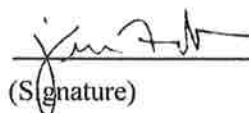
Name (Authorized Representative)


Name (Authorized Representative)

Manager – Proposals

(Title)


(Title)


(Signature)


(Signature)

5.9.2017

(Date)

~~04/18/2017~~ 5/9/17

(Date)

CDW Government LLC
Purchase Agreement for E-Rate Customers
Y20 ERATE pricing
Contract #20621
Spin #143005588
FCC Registration #0012123287

This Purchase Agreement for E-rate Customers (this "Agreement") dated as of the date executed by CDW Government LLC (the "Effective Date") is by and between CDW Government LLC an Illinois corporation with an office at 230 N. Milwaukee Ave., Vernon Hills, Illinois 60061 ("Seller"), and Oakland Schools, a non-profit school or library eligible for Universal Service funding, with offices at 2111 Pontiac Lake Road, Waterford, MI 48328 ("Customer").

Definitions:

As used in the Agreement, the following terms shall have the meanings set forth below:

"E-Rate" – The Education Rate funding provided by the 1996 Telecommunications Act designed to provide twenty to eight-five percent (20%-85%) discounts to schools and libraries for eligible products and services.

"E-Rate Eligible Products" or "Products" – Products which include but are not limited to caching servers, routers, switches, wireless access points, installation, and warranty maintenance and other items eligible for E-rate discounts in accordance with the rules adopted by the Federal Communications Commission.

"E-Rate Customer" or "Customer" – A non-profit school or library eligible for The Schools and Libraries Program of the Universal FUND, applying for an E-Rate discount on E-Rate Eligible Products.

"Program" - The Schools and Libraries Program of the Universal Service Fund, commonly known as "E-Rate," that is administered by the Universal Service Administrative Company (USAC) under the direction of the United States Federal Communications Commission ("FCC"), and that provides discounts to assist most United States schools and libraries to obtain affordable telecommunications and Internet access.

"SLD" – Schools and Libraries Division, a not-for-profit organization, established by the FCC, to administer the Program for schools and libraries.

"Funding Year" – The specific calendar period, as defined by the SLD, during which the Customer is approved for funding or discounts on E-Rate Eligible Products.

1. TERMS AND CONDITIONS

All orders submitted to Seller for Products under this Agreement are subject to the terms and conditions on CDW-G's website at <http://www.cdwg.com/content/terms-conditions/product-sales.asp> (the "Product Sales Terms and Conditions"), unless explicitly superseded herein.

2. PURCHASE AUTHORIZATIONS**A. E-Rate Status**

Customer represents and warrants that it qualifies as eligible under the Program in order to receive E-Rate discounts. CUSTOMER FURTHER ACKNOWLEDGES AND AGREES THAT THIS AGREEMENT WHEN EXECUTED WILL CONSTITUTE A CONTRACT AS REQUIRED BY SLD. This Agreement is contingent upon evidence of award of E-Rate funding and Customer board approval, if applicable.

B. E-Rate Purchases

Customer represents and warrants that all purchases made under this Agreement shall be for its own use and that it is eligible for E-Rate discounts as specified by SLD guidelines. IN ACCORDANCE WITH FCC REQUIREMENTS, THE CUSTOMER SHALL SUBMIT A COMPLETED AND SIGNED FCC FORM 486 TO SLD. Form 486 shall be approved by SLD prior to order placement. The Form 486 informs SLD when the Customer and/or the eligible entity that Customer represents is receiving, is scheduled to receive, or has received service in the relevant Funding Year from the service provider(s). Receipt by SLD of a properly completed Form 486 triggers the process for the SLD to receive the invoice.

3. ORDERING AND ASSISTANCE**A. Ordering**

Purchase orders shall be submitted directly to Seller at the following address or fax number:

CDW Government LLC
Attn: E-Rate Sales K-12
230 N. Milwaukee Ave.
Vernon Hills, IL 60061

Phone: 800-328-4239
Facsimile: Please fax Purchase Orders to your Account Manager

B. Required Information

All orders shall include 1) a contact name; 2) phone number; 3) purchase order number; 4) part number; 5) Product description; 6) original and discounted Product price 7) percentage Customer owes and percentage SLD owes (if applicable) 8) ship to location; 9) bill to location; and 10) FRN number for each part number. SEPARATE PURCHASE ORDERS SHALL BE SUBMITTED FOR PRODUCTS THAT ARE NOT ELIGIBLE FOR E-RATE FUNDING. ALL ORDERS SHALL BE SUBJECT TO ACCEPTANCE BY SELLER.

C. Assistance with Order

Customer may call 1-800-328-4239 to get assistance on any purchase order. Any terms or conditions stated in or on the Customer's purchase order which are not consistent with or in addition to the terms and conditions in this Agreement or the Product Sales Terms and Conditions shall be null and void and shall not be applicable hereto or binding on Seller. FOR THOSE PRODUCTS CHANGE AND THAT CHANGE OCCURS AFTER A CUSTOMER ORDER HAS BEEN ACCEPTED BY SELLER BUT BEFORE THE PRODUCT HAS SHIPPED, SELLER WILL MAKE REASONABLE EFFORTS TO MAKE AVAILABLE TO THE CUSTOMER A COMPARABLE OR BETTER PRODUCT AT THE SAME OR LESSER PRICE IF AVAILABLE, UPON SLD'S APPROVAL REGARDING PRODUCT SUBSTITUTION.

4. PRICE AND PAYMENT TERMS**A. Price**

The Price shall be as stated by Seller's Account Manager in the Product quotation attached hereto as Exhibit I. Prices are exclusive of federal, state, local, or other taxes, which shall be the responsibility of the Customer. Any taxes will be listed separately on the invoice.

B. Payment Terms (Customer must choose one)**1. Form 474 Service Provider Invoice (SPI) Method**

Seller will invoice Customer for their portion of the Products upon shipment of Product and Customer shall pay the invoiced amount (discounted amount owed by Customer) within thirty (30) days from date of invoice.

2. Form 472 Billed Entity Applicant Reimbursement (BEAR) Method

Seller will invoice Customer for their portion of the Products upon shipment of Product and Customer shall pay the invoiced amount (full amount owed by Customer) within thirty (30) days from the date of invoice.

All payments for both methods shall be submitted to the address presented below:

CDW Government LLC
Attn: Accounts Receivable
230 N. Milwaukee Ave.
Vernon Hills, IL 60061

Payment terms are subject to continuing credit approval by Seller. Seller may change credit or payment terms at any time when, in Seller's opinion, Customer's financial condition, previous payment record, or the nature of Customer's relationship with Seller so warrants.

Seller may discontinue performance under this Agreement (i) if Customer fails to pay any sum when due under this Agreement or any other agreement with Seller until payment is received or (ii) if Customer is in violation of applicable regulations.

NOTWITHSTANDING ANYTHING TO THE CONTRARY, CUSTOMER IS RESPONSIBLE FOR PAYMENT OF 100% OF THE PRODUCT PRICE IN THE EVENT THAT CUSTOMER PLACES AN ORDER FOR PRODUCTS FOR WHICH SLD DISALLOWS CUSTOMER'S REQUEST FOR DISCOUNT AND REFUSES PAYMENT TO SELLER OF THE DISCOUNTED AMOUNT FOR SUCH PRODUCTS. IF SLD DISALLOWS CUSTOMER'S REQUEST FOR DISCOUNT CUSTOMER IS IN NO WAY REQUIRED TO PLACE THE ORDER FOR PRODUCTS.

Customers that choose to order E-Rate Eligible Products prior to July 1 shall be required to use the BEAR Method.

5. NON-ASSIGNABILITY AGREEMENT

Customer shall not assign or otherwise transfer its rights or delegate its obligations under this Agreement without Seller's advance written consent. Any attempted assignment, transfer or delegation without such consent shall be void.

6. TERM & RENEWAL OF AGREEMENT

The term of this Agreement shall be for a period of one (1) year commencing on the Effective Date. Notwithstanding the foregoing, Seller may terminate this Agreement at any time for any reason upon thirty (30) days prior written notice to the Customer. In addition, the Customer may immediately terminate this Agreement upon written notice to Seller in the event that funds are not appropriated to Customer under this program ("Termination Notice"). In the event that Customer terminates this Agreement due to non-appropriation of

funds, then Seller may immediately cease performance. However, the Customer shall still be liable for any Products that Seller has shipped in addition to any support for which Customer has subscribed and/or purchased prior to Seller's receipt of the Termination Notice. Customer will also pay Seller for any out-of-pocket costs resulting from any such termination.

The term of this Agreement may be renewed at any time upon the mutual signature by Seller and Customer. The renewal shall be based on an extension of funding from the SLD.

7. NOTICES

All notices and other communications required or permitted under this Agreement shall be served in person or sent by U.S. mail, Federal Express, or equivalent carrier at the following address:

If to Seller:

CDW Government LLC
Attn.: Director, Program Sales
2 Corporate Drive, Suite 800
Shelton, CT 06484

If to Customer:

Oakland Schools
2111 Pontiac Lake Road
Waterford, MI 48328

8. GENERAL

If any term or provision herein is determined to be illegal or unenforceable, the validity or enforceability of the remainder of the terms or provisions herein will remain in full force and effect.

9. ENTIRE AGREEMENT

This Agreement constitutes the entire agreement between Seller and Customer, and supersedes and replaces any and all previous and contemporaneous communications, representations or agreements between the parties, whether oral or written, regarding transactions hereunder. No provision of this Agreement may be waived or modified except by an amendment signed by an authorized representative of each party.

10. DOCUMENT RETENTION

All documents related to this Agreement will be kept on file by both Parties for 10 years after the project completion in accordance with the rules of the SLD.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written. **This contract is for Funding Year 20 (2017) which begins July 1, 2017 and extends until June 30, 2018.**

CDW Government LLC


(Authorized Signature)
Jennifer Fabianski
Printed Name

Title: Manager-Proposals

Date: 5.9.2017

Customer


(Authorized Signature)
Anna Maria H. Mander
Printed Name

Title: Procurement & Contracting Manager

Date: 5/9/17

EXHIBIT I
Quote

APPENDIX B – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposal – Firewall.

NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: West Bloomfield High School | | | | | | |
|--|-----------|-------------|--|-----|-------------|-------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON-SNTE- | | 1 | \$6,577.20 | \$6,577.20 |
| Cisco | | FPR2K-PWR- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L-FPR2130T- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$12,483.10 | \$12,483.10 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Building Total | | | \$35,807.60 |

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: West Bloomfield High School– 5 Year | | | | | | |
|--|-----------|----------|--|-----|-------------|-------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON- | SNTE-8X5X4 Cisco Firepower 2130 NGFW | 1 | \$10,788.00 | \$10,788.00 |
| Cisco | | FPR2K- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$20,804.60 | \$20,804.60 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Building Total | | | \$48,339.90 |

APPENDIX B – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposal – Firewall.

NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Royal Oak High School | | | | | | |
|--------------------------------------|-----------|-------------|--|-----|-------------|-------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON-SNTE- | | 1 | \$6,577.20 | \$6,577.20 |
| Cisco | | FPR2K-PWR- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L-FPR2130T- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$12,483.10 | \$12,483.10 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Building Total | | | \$35,807.60 |

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Royal Oak High School– 5 Year | | | | | | |
|--|-----------|----------|--|-----|-------------|-------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON- | SNTC-8X5X4 Cisco Firepower 2130 NGFW | 1 | \$10,788.00 | \$10,788.00 |
| Cisco | | FPR2K- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$20,804.60 | \$20,804.60 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Building Total | | | \$48,339.90 |

APPENDIX B – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposal – Firewall.

NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Pontiac Administration Building | | | | | | |
|---|--------------|-----------------|--|------------|-------------------|--------------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON-SNTE- | | 1 | \$6,577.20 | \$6,577.20 |
| Cisco | | FPR2K-PWR- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L-FPR2130T- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$12,483.10 | \$12,483.10 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Building Total | | | \$35,807.60 |

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Pontiac Administration Building– 5 Year | | | | | | |
|---|--------------|-----------------|--|------------|-------------------|--------------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON- | SNTE-8X5X4 Cisco Firepower 2130 NGFW | 1 | \$10,788.00 | \$10,788.00 |
| Cisco | | FPR2K- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$20,804.60 | \$20,804.60 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Building Total | | | \$48,339.90 |

APPENDIX B – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposal – Firewall.

NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Novi Instructional Technology Center | | | | | | |
|---|-----------|-------------|--|-----|-------------|-------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON-SNTE- | | 1 | \$6,577.20 | \$6,577.20 |
| Cisco | | FPR2K-PWR- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L-FPR2130T- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$12,483.10 | \$12,483.10 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Building Total | | | \$35,807.60 |

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Novi Instructional Technology Center– 5 Year | | | | | | |
|---|-----------|----------|--|-----|-------------|-------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON- | SNTE-8X5X4 Cisco Firepower 2130 NGFW | 1 | \$10,788.00 | \$10,788.00 |
| Cisco | | FPR2K- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$20,804.60 | \$20,804.60 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Building Total | | | \$48,339.90 |

APPENDIX B – BILL OF MATERIALS

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NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Lake Orion Community Education Resource Center | | | | | | |
|--|--------------|-----------------|--|------------|-------------------|--------------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON-SNTE- | | 1 | \$6,577.20 | \$6,577.20 |
| Cisco | | FPR2K-PWR- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L-FPR2130T- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$12,483.10 | \$12,483.10 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
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| | | | | | | |
| | | | Building Total | | | \$35,807.60 |

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Lake Orion Community Education Resource Center– 5 Year | | | | | | |
|--|--------------|-----------------|--|------------|-------------------|--------------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON- | SNTE-8X5X4 Cisco Firepower 2130 NGFW | 1 | \$10,788.00 | \$10,788.00 |
| Cisco | | FPR2K- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$20,804.60 | \$20,804.60 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
| | | | | | | |
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| | | | | | | |
| | | | Building Total | | | \$48,339.90 |

APPENDIX B – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposal – Firewall.

NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Clawson Senior High | | | | | | |
|---|--------------|-----------------|--|------------|-------------------|--------------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON-SNTE- | | 1 | \$6,577.20 | \$6,577.20 |
| Cisco | | FPR2K-PWR- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L-FPR2130T- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$12,483.10 | \$12,483.10 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Building Total | | | \$35,807.60 |

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Clawson Senior High – 5 Year | | | | | | |
|--|--------------|-----------------|--|------------|-------------------|--------------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON- | SNTE-8X5X4 Cisco Firepower 2130 NGFW | 1 | \$10,788.00 | \$10,788.00 |
| Cisco | | FPR2K- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$20,804.60 | \$20,804.60 |
| CDW | | | Services/Installation | 1 | \$5,699.00 | \$5,699.00 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | Building Total | | | \$48,339.90 |

APPENDIX B – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposal – Firewall.

NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Clarenceville Senior High | | | | | | |
|--|-----------|-------------|--|-----|-------------|--------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON-SNTE- | | 1 | \$6,577.20 | \$6,577.20 |
| Cisco | | FPR2K-PWR- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L-FPR2130T- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$12,483.10 | \$12,483.10 |
| CDW | | | Services/Installation | 1 | \$10,715.00 | \$10,715.00 |
| | | | | | | |
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| | | | | | | |
| | | | Building Total | | | \$ 40,823.60 |

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Clarenceville Senior High – 5 Year | | | | | | |
|---|-----------|----------|--|-----|-------------|-------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2130 NGFW | FPR2130- | Cisco Firepower 2130 NGFW Appliance, 1U, 1 x 1 | 1 | \$10,198.30 | \$10,198.30 |
| Cisco | | CON- | SNTC-8X5X4 Cisco Firepower 2130 NGFW | 1 | \$10,788.00 | \$10,788.00 |
| Cisco | | FPR2K- | Firepower 2000 Series 400W AC Power Supply | 1 | \$850.00 | \$850.00 |
| Cisco | | L- | Cisco FPR2130 Threat Defense Threat, Malware | 1 | \$20,804.60 | \$20,804.60 |
| CDW | | | Services/Installation | 1 | \$10,715.00 | \$10,715.00 |
| | | | | | | |
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| | | | Building Total | | | \$53,355.90 |

APPENDIX B – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposal – Firewall.

NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Oakland School Colocation Facility | | | | | | |
|--|--------------|-----------------|--|------------|-------------------|---------------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2140 NGFW | FPR2140- | Cisco Firepower 2140 NGFW Appliance, 1U, 1 x | 2 | \$22,098.30 | \$44,196.60 |
| Cisco | | CON-SNTE- | SNTE-8X5X4 Cisco Firepower 2140 NGFW | 2 | \$14,250.60 | \$28,501.20 |
| Cisco | | L-FPR2140T- | Cisco FPR2140 Threat Defense Threat, Malware | 2 | \$27,048.70 | \$54,097.40 |
| CDW | | | Services/Installation | 1 | \$21,467 | \$21,467 |
| | | | | | | |
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| | | | | | | |
| | | | Building Total | | | \$148,262.20 |

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Oakland School Colocation Facility – 5 Year | | | | | | |
|---|--------------|-----------------|--|------------|-------------------|---------------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 2140 NGFW | FPR2140- | Cisco Firepower 2140 NGFW Appliance, 1U, 1 x | 2 | \$22,098.30 | \$44,196.60 |
| Cisco | | CON- | SNTE-8X5X4 Cisco Firepower 2140 NGFW | 2 | \$23,374 | \$46,748.00 |
| Cisco | | FPR2140T- | Cisco FPR2140 Threat Defense Threat, Malware | 2 | \$45,080.60 | \$90,161.20 |
| CDW | | | Services/Installation | 1 | \$21,467 | \$21,467 |
| | | | | | | |
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| | | | Building Total | | | \$202,572.80 |

APPENDIX B – BILL OF MATERIALS

I/we, the Bidder, hereby propose to furnish, deliver and install the below listed items for the unit price indicated in accordance with the terms, conditions and specifications included in the Request For Proposal – Firewall.

NOTE: The Bidder may attach additional pages for Bill of Materials as needed.

BASE BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Oakland School Main Building | | | | | | |
|--|--------------|-----------------|--|------------|-------------------|--------------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 4500 Chassis | FMC4500-K9 | Cisco Firepower Management Center | 1 | \$38758.30 | \$38,758.30 |
| Cisco | SNTC-8X5X4 | CON-SNTE- | Smartnet 36 months | 1 | \$37,488.15 | \$37,488.15 |
| Cisco | SFP SR | FS4K-NIC- | Cisco FMC 10 Gbps Ethernet | 2 | \$170 | \$340 |
| Cisco | | SFP-10G-SR= | 10GBASE-SR SFP Module | 4 | \$337.50 | \$1350 |
| Cisco | 2140 NGFW | FPR2140- | Cisco Firepower 2140 NGFW Appliance, 1U, 1 x | 2 | \$22,080.30 | \$44,196.60 |
| | | | | 2 | \$14,250.60 | \$28,501.20 |
| Cisco | | L-AC-PLS-3Y- | Cisco AnyConnect Plus License, 3YR, 1000- | 1000 | \$1.29 | \$1290 |
| Cisco | | L-FPR2140T- | Cisco FPR2140 Threat Defense Threat, Malware | 2 | \$27,048.70 | \$54,097.40 |
| CDW | na | Na | Services/installation | 1 | \$21,467.00 | \$21,467.00 |
| | | | Building Total | | | \$227,483.85 |

ALTERNATE 1 BID - Firewall (Must include all components and installation costs)

| BUILDING NAME: Oakland School Main Building – 5 year | | | | | | |
|---|--------------|-----------------|---|------------|-------------------|--------------------|
| Make | Model | Part No. | Description | Qty | Unit Price | Total Price |
| Cisco | 4500 Chassis | FMC4500-K9 | Cisco Firepower Management Center | 1 | \$38758.30 | \$38758.30 |
| Cisco | SNTC-8X5X4 | CON- | Smartnet 60 months | 1 | \$61,488.50 | \$61,488.50 |
| Cisco | SFP SR | FS4K-NIC- | Cisco FMC 10 Gbps Ethernet | 2 | \$170 | \$340 |
| Cisco | | SFP-10G- | 10GBASE-SR SFP Module | 4 | \$337.50 | \$1350 |
| Cisco | 2140 NGFW | FPR2140- | Cisco Firepower 2140 NGFW Appliance, 1U, 1 x | 2 | \$22,080.30 | \$44,196.60 |
| Cisco | | CON- | SNTC-8X5X4 Cisco Firepower 2140 NGFW | 2 | \$23,374 | \$46,748 |
| Cisco | | L-AC-PLS- | Cisco AnyConnect Plus License, 5YR, 1000-2499 | 1000 | \$1.88 | \$1880 |
| Cisco | | L- | Cisco FPR2140 Threat Defense Threat, Malware | 2 | \$45,080.60 | \$90,161.20 |
| CDW | na | Na | Services/installation | 1 | \$21,467.00 | \$21,467.00 |
| | | | Building Total | | | \$306,732.80 |

Exhibit C

Christopher,

The install and configuration services total of \$44,909.00 for all sites is 100% eligible for e-Rate reimbursement.

Let me know if you need anything else,

Matthew Murdza

Field Account Executive | K-12 Michigan | **CDW-G**
Phone: 248.223.4585 | Mobile: 734.787.8063 | Internal: x14585



From: Matt Murdza

Sent: Thursday, July 19, 2018 10:19 AM

To: 'Hammond, Christopher' <Christopher.Hammond@oakland.k12.mi.us>; bob@triple-r.us

Cc: Kirk Wojak <kirkwoj@cdw.com>; Velzy, Ryan <Ryan.Velzy@oakland.k12.mi.us>

Subject: RE: Oakland Firewall Installation Splits

After getting clarification from Lynn I think we have what you need as follows:

The Firepower Configuration piece was \$11,915.00 which is 20.97% of the entire project. Each school's configuration at \$5,699.00 represents 10.03% of the project. The total configuration for all the schools was \$44,909.00 which is 79.03%.

Matt

From: Hammond, Christopher [<mailto:Christopher.Hammond@oakland.k12.mi.us>]

Sent: Wednesday, July 18, 2018 8:40 AM

To: Matt Murdza <matt.murzda@cdw.com>; bob@triple-r.us

Cc: Kirk Wojak <kirkwoj@cdw.com>; Velzy, Ryan <Ryan.Velzy@oakland.k12.mi.us>

Subject: RE: Oakland Firewall Installation Splits

We are asking about the FW appliances at the districts. Specifically these items (listed below) were for firewall install which did not include threat defense setup.

West Bloomfield "Services/Installation" \$5,699.00

Royal Oak "Services/Installation" \$5,699.00

Pontiac "Services/Installation" \$5,699.00

Novi "Services/Installation" \$5,699.00

Lake Orion "Services/Installation" \$5,699.00

Clawson "Services/Installation" \$5,699.00

Clarenceville "Services/Installation" \$10,715.00

-Christopher