

ID	AppliantName	ProjectName	Address	State	City	ZipCode	Grant	Loan	Type
405	Butterfield Retirement LP	Butterfield Retirement	16505 Butterfield Blvd	CA	Morgan Hill	95037	\$34,019.50	\$0.00	Infrastructure
406	Clifford Beers Housing Inc.	Immanuel Senior Housing	3215 E. 3rd Street	CA	Long Beach	90814	\$15,000.00	\$0.00	Infrastructure
409	Community Housing Works	Northwest Manors II (Mountain)	700 East Mountain Street	CA	Pasadena	91104	\$15,600.00	\$0.00	Infrastructure
414	Community Housing Works	Northwest Manors II (Raymond)	965 North Raymond Ave	CA	Pasadena	91103	\$10,800.00	\$0.00	Infrastructure
422	Eden Housing, Inc	Eden Essei Terrace	200 Fagundes Court	CA	Hayward	94544	\$36,575.00	\$0.00	Infrastructure
423	Eden Housing, Inc	Hayward Senior	568 C Steet	CA	Hayward	94541	\$24,375.00	\$0.00	Infrastructure
424	Eden Housing, Inc	Josephine Lum Lodge AB	2833 Oliver Drive	CA	Hayward	94545	\$31,982.50	\$0.00	Infrastructure
425	Eden Housing, Inc	Josephine Lum Lodge CD	2655 Oliver Drive	CA	Hayward	94545	\$29,505.00	\$0.00	Infrastructure
426	Eden Housing, Inc	Warner Creek	806 Diablo Ave.	CA	Novato	94947	\$25,357.50	\$0.00	Infrastructure
415	Eden Housing, Inc.	Jasmine Square	16530 Monterey Road	CA	Morgan Hill	95037	\$28,028.50	\$0.00	Infrastructure
416	Eden Housing, Inc.	Monticelli	841 Monticelli Drive	CA	Gilroy	95020	\$23,195.00	\$0.00	Infrastructure
417	Eden Housing, Inc.	Rancho Park	12300 Rancho Park Drive	CA	Hollister	95023	\$24,194.50	\$0.00	Infrastructure
418	Eden Housing, Inc.	Royal Court	17925 Monterey Road	CA	Morgan Hill	95037	\$19,027.50	\$0.00	Infrastructure
419	Eden Housing, Inc.	Sequoia Manor	40789 Fremont Blvd	CA	Fremont	94538	\$33,975.00	\$0.00	Infrastructure
420	Eden Housing, Inc.	Wheeler Manor 650 5th	650 5th Street	CA	Gilroy	95020	\$10,150.50	\$0.00	Infrastructure
421	Eden Housing, Inc.	Wheeler Manor 651 6th	651 6th Street	CA	Gilroy	95020	\$35,707.50	\$0.00	Infrastructure
401	Housing Authority of Fresno County	Firebaugh Public Housing	1662 Thomas Conboy Ave ; 1613 Mendoza Dr ; 1661 Allardt Dr ; 419 'P' St	CA	Firebaugh	93622	\$197,466.00	\$0.00	Infrastructure
399	Housing Authority of the City of Fresno, California	De Soto Gardens	640 E California Ave	CA	Fresno	93706	\$91,560.00	\$0.00	Infrastructure
400	Housing Authority of the City of Fresno, California	Sierra Terrace Public Housing	854 Tulare Ave ; 937 Klette Ave	CA	Fresno	93706	\$136,844.00	\$0.00	Infrastructure
427	LONG BEACH AFFORDABLE HOUSING COALITION	Acacia Street Apartments	836-838 Acacia Street	CA	Inglewood		\$12,487.00	\$0.00	Infrastructure
428	LONG BEACH AFFORDABLE HOUSING COALITION	CARLIN AVENUE APARTMENTS	3159 CARLIN AVENUE	CA	Lynwood	90262	\$8,250.00	\$0.00	Infrastructure
433	LONG BEACH AFFORDABLE HOUSING COALITION	LOUISE AVENUE APARTMENTS	11140 LOUISE AVENUE	CA	LYNWOOD	90262	\$7,970.00	\$0.00	Infrastructure
430	LONG BEACH AFFORDABLE HOUSING COALITION	ORIZABA AVENUE	14052 ORIZABA AVE	CA	Paramount		\$4,730.00	\$0.00	Infrastructure
431	LONG BEACH AFFORDABLE HOUSING COALITION	RAYMOND AVENUE APARTMENTS	1076 RAYMOND AVE.	CA	LONG BEACH		\$4,730.00	\$0.00	Infrastructure
432	LONG BEACH AFFORDABLE HOUSING COALITION	SOMERSET AVENUE APARTMENTS	7124 SOMERSET AVENUE	CA	PARAMOUNT		\$12,440.00	\$0.00	Infrastructure
434	MidPen Housing Corporation	Laguna Commons	41152 Fremont Blvd	CA	Fremont	94538	\$28,752.00	\$0.00	Infrastructure
435	Mid-Peninsula The Farm, Inc.	6800 Mission	6800 Mission Street	CA	Daly City	94014	\$23,400.00	\$0.00	Infrastructure
397	Mission Housing Development Corporation	Altamont Hotel Associate	3048 16th Street	Ca	San Francisco	94103	\$38,016.00	\$0.00	Infrastructure
394	Mission Housing Development Corporation	Apollo Hotel Associate	422 Valencia Street	Ca	San Francisco	94103	\$34,920.00	\$0.00	Infrastructure
398	Mission Housing Development Corporation	Dunleavy Apartments	36 Hoff Stret	Ca	San Francisco	94103	\$29,106.00	\$0.00	Infrastructure
396	Mission Housing Development Corporation	Maria Alicia Apartments	3090 16th Street	Ca	San Francisco	94103	\$11,880.00	\$0.00	Infrastructure
395	Mission Housing Development Corporation	Plaza Del Sol	4440 Valencia Street	Ca	San Francisco	94103	\$26,019.00	\$0.00	Infrastructure
392	Mission Housing Development Corporation	Valencia Gardens Housing L.P	390 Valencia Street	Ca	San Francisco	94103	\$63,438.00	\$0.00	Infrastructure
393	Mission Housing Development Corporation	Valencia Gardens Senior Housing	360 Valencia Street	Ca	San Francisco	94103	\$24,696.00	\$0.00	Infrastructure
439	Silvercrest, Inc.	Edison Plaza	2250 S Walnut Ave	CA	Fresno	93706	\$28,800.00	\$0.00	Infrastructure
438	Silvercrest, Inc.	Firebaugh Gateway	1238 P St	CA	Firebaugh	93622	\$18,000.00	\$0.00	Infrastructure
436	Silvercrest, Inc.	Mendota RAD	424 Derrick Ave ; 111 Straw Ave & 101 Tuft St ; 778 Quince St	CA	Mendota	93640	\$141,888.00	\$0.00	Infrastructure
437	Silvercrest, Inc.	Trailside Terrace	1235 G St	CA	Reedley	93645	\$24,750.00	\$0.00	Infrastructure
402	Skid Row Housing Trust	Crest Apartments	13604 Sherman Way	CA	Van Nuys	91405	\$41,600.00	\$0.00	Infrastructure
403	Skid Row Housing Trust	Las Americas	1205 E 6th St	CA	Los Angeles	90021	\$33,600.00	\$0.00	Infrastructure
404	Skid Row Housing Trust	Olympia	1201 E 7th St	CA	Los Angeles	90021	\$32,400.00	\$0.00	Infrastructure
441	WARD ECONOMIC DEVELOPMENT CORPORATION	ROSA PARKS VILLAS	2507 S. Bronson Avenue	CA	Los Angeles	90068	\$25,325.00	\$0.00	Infrastructure
442	WARD ECONOMIC DEVELOPMENT CORPORATION	TUELYN TERRACE	1250 Western Avenue	CA	Los Angeles	90006	\$39,750.00	\$0.00	Infrastructure
440	WARD ECONOMIC DEVELOPMENT CORPORATION	WARD VILLAS	1177 W. Adams Boulevard	CA	Los Angeles	90007	\$35,590.00	\$0.00	Infrastructure
443	West Sacramento Housing	Cummins	685 Lighthouse Drive	CA	West Sacramento	95606	\$7,155.00	\$0.00	Infrastructure

Project ID: 405

**Applicant Name:** Butterfield Retirement LP

**Application Type** Infrastructure

**Primary Contact:**

First Name Eric

Last Name Paine

Job Title Manager

Street 3416 Via Oporto, Suite 301

City Newport Beach

State/Province CA

Zip/Postal Code 92663

Email epaine@communitydevpartners.com

Phone 949.467.1344

**PSC Management:**

Company Foundation For Affordable Housing II, Inc

Street 384 Forest Avenue, Suite 14

City Laguna Beach

State/Province CA

Zip/Postal Code 92651

First Name Darrin

Last Name Willard

Job Title COO

Email darrin@ffah.org

Phone 949.443.9101

**Lead Contractor:**

Company Connected Community Solutions

Street 11927 NE Sumner St.

City Portland

State/Province OR

Zip/Postal Code 97220

First Name Dave

Last Name Cannard

Job Title Principal

Email dcannard@connectedcommunitysolutions.com

Phone 503-367-1181

Chartered Public Housing Authority?  False

HA Code#  Latest PHAS Score

501 (c)(3) Organization?  True

Tax ID#

Source of Public Funds

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

31 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Morgan Hill, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Charter Communications, Two (2) circuits with a minimum of 100 Mbps each for a total of 200 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total bandwidth from Charter : 200 Mbps downstream, 14 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Upload speed of 1.5 Mbps per unit.

Project ID: 406

**Applicant Name:** Clifford Beers Housing Inc.

**Application Type** Infrastructure

**Primary Contact:**

First Name Sophia

Last Name Kim

Job Title Asst. Project Manager

Street 1200 Wilshire Blvd. Ste 520

City Los Angeles

State/Province CA

Zip/Postal Code 90017

Email skim@cbhousing.org

Phone 213-316-0108 ext 104

**PSC Management:**

Company

Street

City

State/Province

Zip/Postal Code

First Name

Last Name

Job Title

Email

Phone

**Lead Contractor:**

Company Global Fire Technologies, Inc.

Street 7036 Foothill Blvd.

City Tujunga

State/Province CA

Zip/Postal Code 91042

First Name Steve

Last Name Arezoomanian

Job Title Project Manager

Email steve@globalfiretech.com

Phone 818-330-7136

Chartered Public Housing Authority?

HA Code#  Latest PHAS Score

501 (c)(3) Organization?

Tax ID#

Source of Public Funds

**Project Name:** Immanuel Senior Housing

**Project Location:**

**Street** 3215 E. 3rd Street

**City** Long Beach

**State/Province** CA

**Zip/Postal Code** 90814

**Rural?** No **Current units wired:** 0

**Units to be wired:** 25 **Residents to be wired:** 25

**ISP Denied Access?** True

**Reason Denied** 0

**Funds Requested**

**Grant** \$15,000.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$15,000.00

**Matching Funds - Monthly Bandwidth** \$18,600.00

**Matching Funds - Maintenance, Operations** \$5,000.00

**Matching Funds - Total** \$23,600.00

**Itemized List of Assets and Economic Useful Lives**

Firewall license, 3 year useful life; Cisco Port Gigabyte Switch, 5 year useful life

**CEQA Requirements**

The project completed the CEQA process on April 18, 2013. The public comment period ended on April 29, 2013. See attached document.

**Permit Requirements**

The electrical permit was approved in March 2015 by the City of Long Beach Department of Development Services along with the building permit. See attached.

**Details:**

**Technology Type**

Charter will install a 300 Mbps modem in the MPOE, RG6 and CAT5 lines to each unit, hard wired internet available and tenants can add router in each unit for wireless internet

**ISP**

Charter - 300 Mbps

**Wireless Network Specification**

N/A

**Monthly Charge to Residents for Broadband**

\$0

**Bandwidth Source**

300 Mbps modem

**Minimum Download Speed During Peak Utilization**

300 Mbps downstream, 300 Mbps upstream

**Proposed Download Speed for Average User During Peak**

300 Mbps

**Proposed Upload Speed for Average User During Peak**

300 Mbps

Project ID: 409

**Applicant Name:** Community Housing Works

**Application Type** Infrastructure

**Primary Contact:**

First Name Lisi

Last Name Manriquez

Job Title Associate Project Manager

Street 2815 Camino del Rio South, Suite 350

City San Diego

State/Province CA

Zip/Postal Code 92108

Email lmanriquez@chworks.org

Phone 619-450-8716

**PSC Management:**

Company

Street

City

State/Province

Zip/Postal Code

First Name

Last Name

Job Title

Email

Phone

**Lead Contractor:**

Company Innovative I.T.

Street 7473 N. Ingram Suite 101

City Fresno

State/Province CA

Zip/Postal Code 93711

First Name Brian

Last Name Horton

Job Title Director of Consulting

Email bhorton@innovative-fresno.com

Phone 559573-3470

Chartered Public Housing Authority? False

HA Code# 0 Latest PHAS Score 0

501 (c)(3) Organization? True

Tax ID# 0

Source of Public Funds Low Income Tax Credits

**Project Name:** Northwest Manors II (Mountain)

**Project Location:**

**Street** 700 East Mountain Street

**City** Pasadena

**State/Province** CA

**Zip/Postal Code** 91104

**Rural?** No **Current units wired:** 26

**Units to be wired:** 26 **Residents to be wired:**

**ISP Denied Access?** True

**Reason Denied** 0

**Funds Requested**

**Grant** \$15,600.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$15,600.00

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total** \$16,440.00

**Itemized List of Assets and Economic Useful Lives**

"xDSL modems, 5-7 years useful life - DSLAMs, 7-9 years useful life - Firewall, 7-10 years useful life - Ethernet Switch, 7-10 years useful life - Power Distribution Unit, 7-10 years useful life - "

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via xDSL technologies utilizing an enterprise DSLAM infrastructure. Pre-existing 'phone-wire' (i.e. not data wire) will be purposed. Modems will be supplied to project residents.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

n/a - not a wireless deployment

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Download Speed for Average User During Peak**

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 2mbps - 2.5mbps (upload) during peak hours

**Project Name:** Northwest Manors II (Raymond)

**Project Location:**

**Street** 965 North Raymond Ave

**City** Pasadena

**State/Province** CA

**Zip/Postal Code** 91103

**Rural?** No **Current units wired:** 18

**Units to be wired:** 18 **Residents to be wired:**

**ISP Denied Access?** True

**Reason Denied** 0

**Funds Requested**

**Grant** \$10,800.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$10,800.00

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total** \$16,440.00

**Itemized List of Assets and Economic Useful Lives**

xDSL modems, 5-7 years useful life - DSLAMs, 7-9 years useful life - Firewall, 7-10 years useful life - Ethernet Switch, 7-10 years useful life - Power Distribution Unit, 7-10 years useful life -

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via xDSL technologies utilizing an enterprise DSLAM infrastructure. Pre-existing 'phone-wire' (i.e. not data wire) will be purposed. Modems will be supplied to project residents.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

n/a - not a wireless deployment

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 2.5mbps (download) during non-peak hours

**Proposed Download Speed for Average User During Peak**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 2mbps - 2.5mbps (upload) during peak hours



Project ID: 422

**Applicant Name:** Eden Housing, Inc

**Application Type** Infrastructure

**Primary Contact:**

First Name Jennifer

Last Name Reed

Job Title Director, Fund Development

Street 22645 Grand St.

City Hayward

State/Province CA

Zip/Postal Code 94541

Email jreed@edenhousing.org

Phone 510-582-1460

**PSC Management:**

Company Eden Housing Resident Services, Inc.

Street 22645 Grand St.

City Hayward

State/Province CA

Zip/Postal Code 94541

First Name Jan

Last Name Peters

Job Title Executive VP/Chief Operating Officer

Email jpeters@edenhousing.org

Phone 510-582-1460

**Lead Contractor:**

Company Connected Community Solutions

Street 11927 NE Sumner St.

City Portland

State/Province OR

Zip/Postal Code 97220

First Name Dave

Last Name Cannard

Job Title Principal

Email dcannard@connectedcommunitysolutions.com

Phone 503-367-1181

Chartered Public Housing Authority?  False

HA Code#  Latest PHAS Score

501 (c)(3) Organization?  True

Tax ID#

Source of Public Funds

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

26 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Hayward, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Comcast Cable, Three (3) circuits with a minimum of 50 Mbps each for a total of 150 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total bandwidth from Comcast : 150 Mbps downstream, 30 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Upload speed of 1.5 Mbps per unit.

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

18 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Hayward, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Comcast Cable, One (1) circuit with a minimum of 100 Mbps each for a total of 100 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total bandwidth from Comcast : 100 Mbps downstream, 20 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Upload speed of 1.5 Mbps per unit.

**Project Name:** Josephine Lum Lodge AB

**Project Location:**

**Street** 2833 Oliver Drive

**City** Hayward

**State/Province** CA

**Zip/Postal Code** 94545

**Rural?**  No **Current units wired:**  78

**Units to be wired:**  78 **Residents to be wired:**  163

**ISP Denied Access?**  False

**Reason Denied**  0

**Funds Requested**

**Grant**  \$31,982.50 **Loan**  \$0.00

**Budget Detail:**

**Total Budget**  \$31,982.50

**Matching Funds - Monthly Bandwidth**  \$15,600.00

**Matching Funds - Maintenance, Operations**  \$9,360.00

**Matching Funds - Total**  \$24,960.00

**Itemized List of Assets and Economic Useful Lives**

19 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Hayward, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Comcast Cable, One (1) circuit with a minimum of 50 Mbps and one (1) circuit with a minimum of 75 Mbps each for a total of 125 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total bandwidth from Comcast : 125 Mbps downstream, 25 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Upload speed of 1.5 Mbps per unit.

**Project Name:** Josephine Lum Lodge CD

**Project Location:**

**Street** 2655 Oliver Drive

**City** Hayward

**State/Province** CA

**Zip/Postal Code** 94545

**Rural?**  No **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**  True

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

18 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Hayward, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Comcast Cable, One (1) circuit with a minimum of 50 Mbps and one (1) circuit with a minimum of 75 Mbps each for a total of 125 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total bandwidth from Comcast : 125 Mbps downstream, 25 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Upload speed of 1.5 Mbps per unit.

**Project Name:** Warner Creek

**Project Location:**

**Street** 806 Diablo Ave.

**City** Novato

**State/Province** CA

**Zip/Postal Code** 94947

**Rural?**  No **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

19 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Novato, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Comcast Cable, Two (2) circuits with a minimum of 50 Mbps each for a total of 100 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total bandwidth from Comcast : 100 Mbps downstream, 20 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Upload speed of 1.5 Mbps per unit.

**Project Name:** Wheeler Manor 651 6th

**Project Location:**

**Street** 651 6th Street

**City** Gilroy

**State/Province** CA

**Zip/Postal Code** 95020

**Rural?**  No **Current units wired:**  90

**Units to be wired:**  90 **Residents to be wired:**  99

**ISP Denied Access?**  True

**Reason Denied** 0

**Funds Requested**

**Grant**  \$35,707.50 **Loan**  \$0.00

**Budget Detail:**

**Total Budget**  \$35,707.50

**Matching Funds - Monthly Bandwidth**  \$12,000.00

**Matching Funds - Maintenance, Operations**  \$10,800.00

**Matching Funds - Total**  \$22,800.00

**Itemized List of Assets and Economic Useful Lives**

27 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Gilroy, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Charter Communications, One (1) circuit with a minimum of 100 Mbps each and one (1) circuit with a minimum of 60Mbps for a total of 160 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total Bandwidth from Charter: 160Mbps downstream and 11 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Minimum upload speed of 1.5 Mbps per unit.

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

19 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Morgan Hill, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Charter Communication, Three (3) circuits with a minimum of 60Mbps each for a total of 180Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total Bandwidth from Charter: 180Mbps downstream and 12 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Minimum upload speed of 1.5 Mbps per unit.



**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

14 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Gilroy, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Charter Communications, two (2) circuits with a minimum of 60 Mbps each for a total of 120 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total Bandwidth from Charter: 120Mbps downstream and 8Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Minimum upload speed of 1.5 Mbps per unit.

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

15 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Hollister, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Charter Communications, Three (3) circuits with a minimum of 60 Mbps each for a total of 180 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total Bandwidth from Charter: 180Mbps downstream and 12 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Minimum upload speed of 1.5 Mbps per unit.

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

18 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Morgan Hill, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Charter Communications, Three (3) circuits with a minimum of 60 Mbps each for a total of 180Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total Bandwidth from Charter: 180Mbps downstream and 12 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Minimum upload speed of 1.5 Mbps per unit.

**Project Name:** Wheeler Manor 650 5th

**Project Location:**

**Street** 650 5th Street

**City** Gilroy

**State/Province** CA

**Zip/Postal Code** 95020

**Rural?**  No  Yes **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

6 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Gilroy, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Charter Communication, One (1) circuits with a minimum of 60 Mbps each for a total of 60 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total Bandwidth from Charter: 60Mbps downstream and 4Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Minimum upload speed of 1.5 Mbps per unit.

**Project Name:** Sequoia Manor

**Project Location:**

**Street** 40789 Fremont Blvd

**City** Fremont

**State/Province** CA

**Zip/Postal Code** 94538

**Rural?**  No **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**  True

**Reason Denied** 0

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

20 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of Fremont, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Comcast, Two (2) circuits with a minimum of 75 Mbps each for a total of 150 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total Bandwidth from Comcast: 150Mbps downstream and 30 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Minimum upload speed of 1.5 Mbps per unit.

Project ID: 401

**Applicant Name:** Housing Authority of Fresno County

**Application Type** Infrastructure

**Primary Contact:**

First Name Dave

Last Name Brenner

Job Title Com. Dev. Coordinator

Street 1331 Fulton Mall

City Fresno

State/Province CA

Zip/Postal Code 93721

Email dbrenner@fresnohousing.org

Phone 559-443-8452

**PSC Management:**

Company Housing Authority of the City of Fresno, California

Street 1331 Fulton Mall

City Fresno

State/Province CA

Zip/Postal Code 93721

First Name Shaneece

Last Name Childress

Job Title District Manager

Email schildress@fresnohousing.org

Phone 559-457-4130

**Lead Contractor:**

Company Innovative I.T.

Street 7473 N. Ingram Suite 101

City Fresno

State/Province CA

Zip/Postal Code 93711

First Name Brian

Last Name Horton

Job Title Director of Consulting

Email bhorton@innovative-fresno.com

Phone 559573-3470

Chartered Public Housing Authority?  True

HA Code#  CA28 Latest PHAS Score  "not scor

501 (c)(3) Organization?  False

Tax ID#  0

Source of Public Funds  0

**Project Name:** Firebaugh Public Housing

**Project Location:**

**Street** 1662 Thomas Conboy Ave ; 1613 Mendoza Dr ; 1661 Allardt Dr ; 419 'P' St

**City** Firebaugh

**State/Province** CA

**Zip/Postal Code** 93622

**Rural?** 0 **Current units wired:** 0

**Units to be wired:** 152 **Residents to be wired:** 0

**ISP Denied Access?** False

**Reason Denied** 0

**Funds Requested**

**Grant** \$197,466.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$197,466.00

**Matching Funds - Monthly Bandwidth** \$36,000.00

**Matching Funds - Maintenance, Operations** \$35,760.00

**Matching Funds - Total** \$71,760.00

**Itemized List of Assets and Economic Useful Lives**

Wireless Access Point, 7-10 years useful life - Wireless bridge, 7-10 years useful life - Wireless controller, 7-10 years useful life - Networking switch, 7-10 years useful life - Firewall, 7-10 years useful life - Power distribution unit, 7-10 years useful life -

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via enterprise Ruckus wireless technologies. The selected wireless access point radios will be capable of 'meshing' to reach beyond traditional hard-wired boundaries.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

802.11 a/b/g/n/ac2.4GHz and 5GHz

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE, connected directly into the wireless mesh network

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 3mbps (download) during non-peak hours

**Proposed Download Speed for Average User During Peak**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 3mbps (upload) during peak hours

Project ID: 400

**Applicant Name:** Housing Authority of the City of Fresno, California

**Application Type** Infrastructure

**Primary Contact:**

First Name Dave

Last Name Brenner

Job Title Com. Dev. Coordinator

Street 1331 Fulton Mall

City Fresno

State/Province CA

Zip/Postal Code 93721

Email dbrenner@fresnohousing.org

Phone 559-443-8452

**PSC Management:**

Company Housing Authority of the City of Fresno, California

Street 1331 Fulton Mall

City Fresno

State/Province CA

Zip/Postal Code 93721

First Name Shaneece

Last Name Childress

Job Title District Manager

Email schildress@fresnohousing.org

Phone 559-457-4130

**Lead Contractor:**

Company Innovative I.T.

Street 7473 N. Ingram Suite 101

City Fresno

State/Province CA

Zip/Postal Code 93711

First Name Brian

Last Name Horton

Job Title Director of Consulting

Email bhorton@innovative-fresno.com

Phone 559573-3470

Chartered Public Housing Authority?  True

HA Code# CA06 Latest PHAS Score 82

501 (c)(3) Organization?  False

Tax ID# 0

Source of Public Funds 0



**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

Wireless Access Point, 7-10 years useful life - Wireless bridge, 7-10 years useful life - Wireless controller, 7-10 years useful life - Networking switch, 7-10 years useful life - Firewall, 7-10 years useful life - Power distribution unit, 7-10 years useful life -

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via enterprise Ruckus wireless technologies. The selected wireless access point radios will be capable of 'meshing' to reach beyond traditional hard-wired boundaries.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

802.11 a/b/g/n/ac2.4GHz and 5GHz

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE, connected directly into the wireless mesh network

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 3mbps (download) during non-peak hours

**Proposed Download Speed for Average User During Peak**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 3mbps (upload) during peak hours

**Project Name:** De Soto Gardens

**Project Location:**

**Street** 640 E California Ave

**City** Fresno

**State/Province** CA

**Zip/Postal Code** 93706

**Rural?** 0 **Current units wired:** 0

**Units to be wired:** 68 **Residents to be wired:** 233

**ISP Denied Access?** True

**Reason Denied** 0

**Funds Requested**

**Grant** \$91,560.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$91,560.00

**Matching Funds - Monthly Bandwidth** \$15,600.00

**Matching Funds - Maintenance, Operations** \$17,880.00

**Matching Funds - Total** \$33,480.00

**Itemized List of Assets and Economic Useful Lives**

Wireless Access Point, 7-10 years useful life - Wireless bridge, 7-10 years useful life - Wireless controller, 7-10 years useful life - Networking switch, 7-10 years useful life - Firewall, 7-10 years useful life - Power distribution unit, 7-10 years useful life -

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via enterprise Ruckus wireless technologies. The selected wireless access point radios will be capable of 'meshing' to reach beyond traditional hard-wired boundaries.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

802.11 a/b/g/n/ac2.4GHz and 5GHz

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE, connected directly into the wireless mesh network

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 3mbps (download) during non-peak hours

**Proposed Download Speed for Average User During Peak**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 3mbps (upload) during peak hours

Project ID: 428

**Applicant Name:** LONG BEACH AFFORDABLE HOUSING COALITION

**Applicant Type** Infrastructure

**Primary Contact:**

First Name Jonathan

Last Name Newson

Job Title Executive Director

Street 4201 Long Beach, Suite 422

City Long Beach

State/Province CA

Zip/Postal Code 90807

Email jnewson@lbahc.org

Phone 562-595-6888

**PSC Management:**

Company Urban Design Center

Street 1100 S. Hope St., #103

City Los Angeles

State/Province CA

Zip/Postal Code 90015

First Name Sherri

Last Name Franklin

Job Title President

Email sherri@urbandesigncenter.com

Phone 213.256.0407

**Lead Contractor:**

Company Manchester Community Technologies, Inc.

Street 2920 W. Manchester Boulevard

City Inglewood

State/Province CA

Zip/Postal Code 90305

First Name Revlyn

Last Name Williams

Job Title Executive Director

Email rlwilliams@mctorg.com

Phone 323-455-1154

Chartered Public Housing Authority?  False

HA Code#  Latest PHAS Score

501 (c)(3) Organization?  True

Tax ID#

Source of Public Funds (1) HUB LIHPRHA (2) California Housing Finance Agency

**Project Name:** CARLIN AVENUE APARTMENTS

**Project Location:**

**Street** 3159 CARLIN AVENUE

**City** Lynwood

**State/Province** CA

**Zip/Postal Code** 90262

**Rural?** No **Current units wired:** 0

**Units to be wired:** 15 **Residents to be wired:** 0

**ISP Denied Access?** True

**Reason Denied** N/A

**Funds Requested**

**Grant** \$8,250.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$8,250.00

**Matching Funds - Monthly Bandwidth** \$0.00

**Matching Funds - Maintenance, Operations** \$0.00

**Matching Funds - Total** \$0.00

**Itemized List of Assets and Economic Useful Lives**

All items have an economic useful life of 5 years or more. 1/unit - 150 Mbps 802.11n cloud managed access point. M/project - 300 Mbps 802.11n cloud-managed access point (See Attachment A)

**CEQA Requirements**

N/A

**Permit Requirements**

No required.

**Details:**

**Technology Type**

Modular, secure, cloud-managed wireless network. Mesh enabled WiFi access points designed to work together to form a self-organizing, self-healing wireless network with seamless roaming between devices and managed centrally through the cloud.

**ISP**

Internet service provided by available provider in project area.

**Wireless Network Specification**

801.11n access points optimized for high-use wireless demands -- range, speed, band - that best fits the project environment (See Attachment 'A').

**Monthly Charge to Residents for Broadband**

\$3.00

**Bandwidth Source**

Wired source to MPOE provided by available ISP in project area for 2.4Ghz WiFi solution.

**Minimum Download Speed During Peak Utilization**

The average rate of successful data transfer will be configured for 6Mbps. (See Attachment A)

**Proposed Download Speed for Average User During Peak**

The average rate of successful data transfer during peak hours are expected to be 75% of channel capacity 4.5 Mbps. (See Attachment A)

**Proposed Upload Speed for Average User During Peak**

The average rate of successful data transfer will be configured for 3Mbps. (See Attachment A)

**Project Name:** ORIZABA AVENUE

**Project Location:**

**Street** 14052 ORIZABA AVE

**City** Paramount

**State/Province** CA

**Zip/Postal Code** 0

**Rural?** No **Current units wired:** 0

**Units to be wired:** 8 **Residents to be wired:** 0

**ISP Denied Access?** True

**Reason Denied** N/A

**Funds Requested**

**Grant** \$4,730.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$4,730.00

**Matching Funds - Monthly Bandwidth** \$0.00

**Matching Funds - Maintenance, Operations** \$0.00

**Matching Funds - Total** \$0.00

**Itemized List of Assets and Economic Useful Lives**

All items have an economic useful life of 5 years or more. 1/unit - 150 Mbps 802.11n cloud managed access point. M/project - 300 Mbps 802.11n cloud-managed access point (See Attachment A)

**CEQA Requirements**

N/A

**Permit Requirements**

No required.

**Details:**

**Technology Type**

Modular, secure, cloud-managed wireless network. Mesh enabled WiFi access points designed to work together to form a self-organizing, self-healing wireless network with seamless roaming between devices and managed centrally through the cloud.

**ISP**

Internet service provided by available provider in project area.

**Wireless Network Specification**

801.11n access points optimized for high-use wireless demands -- range, speed, band - that best fits the project environment (See Attachment 'A').

**Monthly Charge to Residents for Broadband**

\$3.00

**Bandwidth Source**

Wired source to MPOE provided by available ISP in project area for 2.4Ghz WiFi solution.

**Minimum Download Speed During Peak Utilization**

The average rate of successful data transfer will be configured for 6Mbs. (See Attachment A)

**Proposed Download Speed for Average User During Peak**

The average rate of successful data transfer during peak hours are expected to be 75% of channel capacity 4.5 Mbs. (See Attachment A)

**Proposed Upload Speed for Average User During Peak**

The average rate of successful data transfer will be configured for 3Mbs. (See Attachment A)

**Project Name:** RAYMOND AVENUE APARTMENTS

**Project Location:**

**Street** 1076 RAYMOND AVE.

**City** LONG BEACH

**State/Province** CA

**Zip/Postal Code** 0

**Rural?** No **Current units wired:** 0

**Units to be wired:** 8 **Residents to be wired:** 0

**ISP Denied Access?** True

**Reason Denied** N/A

**Funds Requested**

**Grant** \$4,730.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$4,730.00

**Matching Funds - Monthly Bandwidth** \$0.00

**Matching Funds - Maintenance, Operations** \$0.00

**Matching Funds - Total** \$0.00

**Itemized List of Assets and Economic Useful Lives**

All items have an economic useful life of 5 years or more. 1/unit - 150 Mbps 802.11n cloud managed access point. M/project - 300 Mbps 802.11n cloud-managed access point (See Attachment A)

**CEQA Requirements**

N/A

**Permit Requirements**

No required.

**Details:**

**Technology Type**

Modular, secure, cloud-managed wireless network. Mesh enabled WiFi access points designed to work together to form a self-organizing, self-healing wireless network with seamless roaming between devices and managed centrally through the cloud.

**ISP**

Internet service provided by available provider in project area.

**Wireless Network Specification**

801.11n access points optimized for high-use wireless demands -- range, speed, band - that best fits the project environment (See Attachment 'A').

**Monthly Charge to Residents for Broadband**

\$3.00

**Bandwidth Source**

Wired source to MPOE provided by available ISP in project area for 2.4Ghz WiFi solution.

**Minimum Download Speed During Peak Utilization**

The average rate of successful data transfer will be configured for 6Mbps. (See Attachment A)

**Proposed Download Speed for Average User During Peak**

The average rate of successful data transfer during peak hours are expected to be 75% of channel capacity 4.5 Mbps. (See Attachment A)

**Proposed Upload Speed for Average User During Peak**

The average rate of successful data transfer will be configured for 3Mbps. (See Attachment A)

**Project Name:** SOMERSET AVENUE APARTMENTS

**Project Location:**

**Street** 7124 SOMERSET AVENUE

**City** PARAMOUNT

**State/Province** CA

**Zip/Postal Code** 0

**Rural?** No **Current units wired:** 0

**Units to be wired:** 24 **Residents to be wired:** 0

**ISP Denied Access?** True

**Reason Denied** N/A

**Funds Requested**

**Grant** \$12,440.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$12,440.00

**Matching Funds - Monthly Bandwidth** \$0.00

**Matching Funds - Maintenance, Operations** \$0.00

**Matching Funds - Total** \$0.00

**Itemized List of Assets and Economic Useful Lives**

All items have an economic useful life of 5 years or more. 1/unit - 150 Mbps 802.11n cloud managed access point. M/project - 300 Mbps 802.11n cloud-managed access point (See Attachment A)

**CEQA Requirements**

N/A

**Permit Requirements**

No required.

**Details:**

**Technology Type**

Modular, secure, cloud-managed wireless network. Mesh enabled WiFi access points designed to work together to form a self-organizing, self-healing wireless network with seamless roaming between devices and managed centrally through the cloud.

**ISP**

Internet service provided by available provider in project area.

**Wireless Network Specification**

801.11n access points optimized for high-use wireless demands -- range, speed, band - that best fits the project environment (See Attachment 'A').

**Monthly Charge to Residents for Broadband**

\$3.00

**Bandwidth Source**

Wired source to MPOE provided by available ISP in project area for 2.4Ghz WiFi solution.

**Minimum Download Speed During Peak Utilization**

The average rate of successful data transfer will be configured for 6Mbps. (See Attachment A)

**Proposed Download Speed for Average User During Peak**

The average rate of successful data transfer during peak hours are expected to be 75% of channel capacity 4.5 Mbps. (See Attachment A)

**Proposed Upload Speed for Average User During Peak**

The average rate of successful data transfer will be configured for 3Mbps. (See Attachment A)

**Project Name:** LOUISE AVENUE APARTMENTS

**Project Location:**

**Street** 11140 LOUISE AVENUE

**City** LYNWOOD

**State/Province** CA

**Zip/Postal Code** 90262

**Rural?** No **Current units wired:** 0

**Units to be wired:** 14 **Residents to be wired:** 0

**ISP Denied Access?** True

**Reason Denied** N/A

**Funds Requested**

**Grant** \$7,970.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$0.00

**Matching Funds - Monthly Bandwidth** \$0.00

**Matching Funds - Maintenance, Operations** \$0.00

**Matching Funds - Total** \$0.00

**Itemized List of Assets and Economic Useful Lives**

All items have an economic useful life of 5 years or more. 1/unit - 150 Mbps 802.11n cloud managed access point. M/project - 300 Mbps 802.11n cloud-managed access point (See Attachment A)

**CEQA Requirements**

N/A

**Permit Requirements**

No required.

**Details:**

**Technology Type**

Modular, secure, cloud-managed wireless network. Mesh enabled WiFi access points designed to work together to form a self-organizing, self-healing wireless network with seamless roaming between devices and managed centrally through the cloud.

**ISP**

Internet service provided by available provider in project area.

**Wireless Network Specification**

801.11n access points optimized for high-use wireless demands -- range, speed, band - that best fits the project environment (See Attachment 'A').

**Monthly Charge to Residents for Broadband**

\$3.00

**Bandwidth Source**

Wired source to MPOE provided by available ISP in project area for 2.4Ghz WiFi solution.

**Minimum Download Speed During Peak Utilization**

The average rate of successful data transfer will be configured for 6Mbps. (See Attachment A)

**Proposed Download Speed for Average User During Peak**

The average rate of successful data transfer during peak hours are expected to be 75% of channel capacity 4.5 Mbps. (See Attachment A)

**Proposed Upload Speed for Average User During Peak**

The average rate of successful data transfer will be configured for 3Mbps. (See Attachment A)



**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

All items have an economic useful life of 5 years or more. 1/unit - 150 Mbps 802.11n cloud managed access point. M/project - 300 Mbps 802.11n cloud-managed access point (See Attachment A)

**CEQA Requirements**

N/A

**Permit Requirements**

No required.

**Details:**

**Technology Type**

Modular, secure, cloud-managed wireless network. Mesh enabled WiFi access points designed to work together to form a self-organizing, self-healing wireless network with seamless roaming between devices and managed centrally through the cloud.

**ISP**

Internet service provided by available provider in project area.

**Wireless Network Specification**

801.11n access points optimized for high-use wireless demands -- range, speed, band - that best fits the project environment (See Attachment 'A').

**Monthly Charge to Residents for Broadband**

\$3.00

**Bandwidth Source**

Wired source to MPOE provided by available ISP in project area for 2.4Ghz WiFi solution.

**Minimum Download Speed During Peak Utilization**

The average rate of successful data transfer will be configured for 6Mbps. (See Attachment A)

**Proposed Download Speed for Average User During Peak**

The average rate of successful data transfer during peak hours are expected to be 75% of channel capacity 4.5 Mbps. (See Attachment A)

**Proposed Upload Speed for Average User During Peak**

The average rate of successful data transfer will be configured for 3Mbps. (See Attachment A)

**Project ID:** 434

**Applicant Name:** MidPen Housing Corporation

**Application Type** Infrastructure

**Primary Contact:**

**First Name** Victoria

**Last Name** Wong

**Job Title** Project Manager

**Street** 1970 Broadway, Suite 440

**City** Oakland

**State/Province** CA

**Zip/Postal Code** 94612

**Email** vwong@midpen-housing.org

**Phone** 510-426-5671

**PSC Management:**

**Company** MidPen Housing Corporation

**Street** 1970 Broadway, Suite 440

**City** Oakland

**State/Province** CA

**Zip/Postal Code** 94612

**First Name** Victoria

**Last Name** Wong

**Job Title** Project Manager

**Email** vwong@midpen-housing.org

**Phone** 510-426-5671

**Lead Contractor:**

**Company** Connected Community Solutions

**Street** 11927 NE Sumner St.

**City** Portland

**State/Province** OR

**Zip/Postal Code** 97220

**First Name** Dave

**Last Name** Cannard

**Job Title** Principal

**Email** dcannard@connectedcommunitysolutions.com

**Phone** 503-367-1181

**Chartered Public Housing Authority?**  False

**HA Code#**  **Latest PHAS Score**

**501 (c)(3) Organization?**  True

**Tax ID#**

**Source of Public Funds** City of Fremont; Housing Authority of the County of Alameda; CA Tax Credit Allocation Committee; Alameda County Behavioral Health Care Services Agency

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

20 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

The City of Fremont approved a building permit for Laguna Commons on March 17, 2015. A Negative Declaration was prepared by City Planning Staff, and a Notice of Determination was filed on June 9, 2015 based on the determination by the City Council that the project will not have significant effect on the environment.

**Permit Requirements**

The project obtained a building permit (for site work and vertical construction) from the City's Building and Safety Division on March 17, 2015, a demolition permit on January 27, 2015, and an encroachment permit from the Alameda County Flood Control and Water Conservation District on April, 6, 2015.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Comcast, Two (2) circuits of 50Mbps each for a total of 100Mbps.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz and 802.11 a/n/ac 5GHz

**Monthly Charge to Residents for Broadband**

Resident access will be free - \$0.00

**Bandwidth Source**

Bandwidth will be distributed by the networkover CAT5e cables from the IDF locations to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total bandwidth from Comcast : 100 Mbps downstream, 20 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Minimum upload speed of 1.5 Mbps per unit.

**Project ID:** 435

**Applicant Name:** Mid-Peninsula The Farm, Inc.

**Application Type** Infrastructure

**Primary Contact:**

**First Name** Helen

**Last Name** Tong-Ishikawa

**Job Title** Sr. Associate Project Manager

**Street** 303 Vintage Park Drive, Suite 250

**City** Foster City

**State/Province** CA

**Zip/Postal Code** 94404

**Email** htongishikawa@midpen-housing.org

**Phone** 650-356-2968

**PSC Management:**

**Company**

**Street** 303 Vintage Park Drive, Suite 250

**City** Foster City

**State/Province** CA

**Zip/Postal Code** 94404

**First Name** Helen

**Last Name** Tong-Ishikawa

**Job Title** Sr. Associate Project Manager

**Email** htongishikawa@midpen-housing.org

**Phone** 650-356-2968

**Lead Contractor:**

**Company** Connected Community Solutions

**Street** 11927 NE Sumner St.

**City** Portland

**State/Province** OR

**Zip/Postal Code** 97220

**First Name** Dave

**Last Name** Cannard

**Job Title** Principal

**Email** dcannard@connectedcommunitysolutions.com

**Phone** 503-367-1181

**Chartered Public Housing Authority?**  False

**HA Code#**  **Latest PHAS Score**

**501 (c)(3) Organization?**  True

**Tax ID#**

**Source of Public Funds** City of Daly City, County of San Mateo, Housing Authority of San Mateo County, and FHLBank San Francisco

**Project Name:** 6800 Mission

**Project Location:**

**Street** 6800 Mission Street

**City** Daly City

**State/Province** CA

**Zip/Postal Code** 94014

**Rural?**  No  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

20 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

City of Daly City has reviewed the project under the CEQA requirements and has determined the project is Categorical Exempt per Section 15332, infill development. This resolution has been attached to the application.

**Permit Requirements**

The project has obtained a building permit from the City's Building Department on May 12, 2015, a demolition permit on June 4, 2015, and an improvements permit from the Public Works Department on June 12, 2014.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Comcast, Two (2) circuits of 50Mbps each for a total of 100Mbps.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz and 802.11 a/n/ac 5GHz

**Monthly Charge to Residents for Broadband**

Resident access will be free - \$0.00

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the IDF locations to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

0

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Minimum upload speed of 1.5 Mbps per unit.

Project ID: 394

**Applicant Name:** Mission Housing Development Corporation

**Application Type** Infrastructure

**Primary Contact:**

First Name Sam

Last Name Moss

Job Title Executive Director

Street 474 Valencia Street, Suite# 280

City San Francisco

State/Province CA

Zip/Postal Code 94103

Email smoss@missionhousing.org

Phone 415-864-6432

**PSC Management:**

Company Mission Housing Development Corporation

Street 474 Valencia Street, Suite# 280

City San Francisco

State/Province CA

Zip/Postal Code 94103

First Name Sam

Last Name Moss

Job Title Executive Director

Email smoss@missionhousing.org

Phone 415-864-6432

**Lead Contractor:**

Company Seakay

Street PO Box 78190

City San Francisco

State/Province Ca

Zip/Postal Code 94107

First Name Harold

Last Name Galicer

Job Title Executive Director

Email harold@seakay.org

Phone 888.861.1011

Chartered Public Housing Authority?

HA Code#  Latest PHAS Score

501 (c)(3) Organization?

Tax ID#

Source of Public Funds

**Project Name:** Apollo Hotel Associate

**Project Location:**

**Street** 422 Valencia Street

**City** San Francisco

**State/Province** Ca

**Zip/Postal Code** 94103

**Rural?** no **Current units wired:** 27

**Units to be wired:** 27 **Residents to be wired:** 79

**ISP Denied Access?** True

**Reason Denied** 0

**Funds Requested**

**Grant** \$34,920.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$34,920.00

**Matching Funds - Monthly Bandwidth** \$19,856.00

**Matching Funds - Maintenance, Operations** \$19,200.00

**Matching Funds - Total** \$39,056.00

**Itemized List of Assets and Economic Useful Lives**

All products have over 5 years of useful life and over 10 years with for Ethernet wiring 16 Wireless Radios / Access Points1 Managed POE Gigabit Switch1 Cloud Core Router

**CEQA Requirements**

Exemption for existing facilities, the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination.: CA CEQA Guidelines 14 CCR Section §15301, Class 1

**Permit Requirements**

Required electrical work will be performed by a licensed contractor (CA C10 license), low voltage work of this nature does not require permits, permitting agency is the San Francisco Department of Building Inspection

**Details:**

**Technology Type**

Ethernet and Fiberoptic cabling, fixed wireless point to point, and wireless mesh networking as per attached diagrams and manufacturers specifications.

**ISP**

Municipal Fiber , carrier backhaul dual band fixed wireless

**Wireless Network Specification**

802.11 A/B/G/N/AC

**Monthly Charge to Residents for Broadband**

Basic service provided free of charge

**Bandwidth Source**

Fiber Optic , carrier backhaul dual band fixed wireless

**Minimum Download Speed During Peak Utilization**

downstream 6mbs upstream 3mbs

**Proposed Download Speed for Average User During Peak**

1.5 mbs minimum

**Proposed Upload Speed for Average User During Peak**

1.5 mbs minimum

**Project Name:** Plaza Del Sol

**Project Location:**

**Street** 4440 Valencia Street

**City** San Francisco

**State/Province** Ca

**Zip/Postal Code** 94103

**Rural?** no **Current units wired:** 59

**Units to be wired:** 59 **Residents to be wired:** 216

**ISP Denied Access?** True

**Reason Denied** 0

**Funds Requested**

**Grant** \$26,019.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$26,019.00

**Matching Funds - Monthly Bandwidth** \$14,643.88

**Matching Funds - Maintenance, Operations** \$14,160.00

**Matching Funds - Total** \$28,803.88

**Itemized List of Assets and Economic Useful Lives**

All products have over 5 years of useful life and over 10 years with for Ethernet wiring 24 Wireless Radios / Access Points1 Managed POE Gigabit Switch1 Cloud Core Router

**CEQA Requirements**

Exemption for existing facilities, the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination.: CA CEQA Guidelines 14 CCR Section §15301, Class 1

**Permit Requirements**

Required electrical work will be performed by a licensed contractor (CA C10 license), low voltage work of this nature does not require permits, permitting agency is the San Francisco Department of Building Inspection

**Details:**

**Technology Type**

Ethernet and Fiberoptic cabling, fixed wireless point to point, and wireless mesh networking as per attached diagrams and manufacturers specifications.

**ISP**

Municipal Fiber , , carrier backhaul dual band fixed wireless

**Wireless Network Specification**

802.11 A/B/G/N/AC

**Monthly Charge to Residents for Broadband**

Basic service provided free of charge

**Bandwidth Source**

Fiber Optic , carrier backhaul dual band fixed wireless

**Minimum Download Speed During Peak Utilization**

downstream 6mbs upstream 3mbs

**Proposed Download Speed for Average User During Peak**

1.5 mbs minimum

**Proposed Upload Speed for Average User During Peak**

1.5 mbs minimum



**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

All products have over 5 years of useful life and over 10 years with for Ethernet wiring 24 Wireless Radios / Access Points1 Managed POE Gigabit Switch1 Cloud Core Router

**CEQA Requirements**

Exemption for existing facilities, the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination.: CA CEQA Guidelines 14 CCR Section §15301, Class 1

**Permit Requirements**

Required electrical work will be performed by a licensed contractor (CA C10 license), low voltage work of this nature does not require permits, permitting agency is the San Francisco Department of Building Inspection

**Details:**

**Technology Type**

Ethernet and Fiberoptic cabling, fixed wireless point to point, and wireless mesh networking as per attached diagrams and manufacturers specifications.

**ISP**

Municipal Fiber , , carrier backhaul dual band fixed wireless

**Wireless Network Specification**

802.11 A/B/G/N/AC

**Monthly Charge to Residents for Broadband**

Basic service provided free of charge

**Bandwidth Source**

Fiber Optic , carrier backhaul dual band fixed wireless

**Minimum Download Speed During Peak Utilization**

downstream 6mbs upstream 3mbs

**Proposed Download Speed for Average User During Peak**

1.5 mbs minimum

**Proposed Upload Speed for Average User During Peak**

1.5 mbs minimum

**Project Name:** Altamont Hotel Associate

**Project Location:**

**Street** 3048 16th Street

**City** San Francisco

**State/Province** Ca

**Zip/Postal Code** 94103

**Rural?** no **Current units wired:** 88

**Units to be wired:** 88 **Residents to be wired:** 85

**ISP Denied Access?** True

**Reason Denied** 0

**Funds Requested**

**Grant** \$38,016.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$38,016.00

**Matching Funds - Monthly Bandwidth** \$21,841.73

**Matching Funds - Maintenance, Operations** \$21,120.00

**Matching Funds - Total** \$42,961.73

**Itemized List of Assets and Economic Useful Lives**

All products have over 5 years of useful life and over 10 years with for Ethernet wiring 24 Wireless Radios / Access Points1 Managed POE Gigabit Switch1 Cloud Core Router

**CEQA Requirements**

Exemption for existing facilities, the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination.: CA CEQA Guidelines 14 CCR Section §15301, Class 1

**Permit Requirements**

Required electrical work will be performed by a licensed contractor (CA C10 license), low voltage work of this nature does not require permits, permitting agency is the San Francisco Department of Building Inspection

**Details:**

**Technology Type**

Ethernet and Fiberoptic cabling, fixed wireless point to point, and wireless mesh networking as per attached diagrams and manufacturers specifications.

**ISP**

Municipal Fiber , carrier backhaul dual band fixed wireless

**Wireless Network Specification**

802.11 A/B/G/N/AC

**Monthly Charge to Residents for Broadband**

Basic service provided free of charge

**Bandwidth Source**

Fiber Optic

**Minimum Download Speed During Peak Utilization**

downstream 6mbs upstream 3mbs

**Proposed Download Speed for Average User During Peak**

1.5 mbs minimum

**Proposed Upload Speed for Average User During Peak**

1.5 mbs minimum

**Project Name:** Valencia Gardens Housing L.P

**Project Location:**

**Street** 390 Valencia Street

**City** San Francisco

**State/Province** Ca

**Zip/Postal Code** 94103

**Rural?** no **Current units wired:** 218

**Units to be wired:** 218 **Residents to be wired:** 663

**ISP Denied Access?** True

**Reason Denied** 0

**Funds Requested**

**Grant** \$63,438.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$63,438.00

**Matching Funds - Monthly Bandwidth** \$43,286.33

**Matching Funds - Maintenance, Operations** \$26,160.00

**Matching Funds - Total** \$69,446.33

**Itemized List of Assets and Economic Useful Lives**

All products have over 5 years of useful life and over 10 years with for Ethernet wiring 41 Wireless Radios / Access Points 18 Managed POE Gigabit Switches 1 Gigabit Fiber Core Router

**CEQA Requirements**

Exemption for existing facilities, the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination.: CA CEQA Guidelines 14 CCR Section §15301, Class 1

**Permit Requirements**

Required electrical work will be performed by a licensed contractor (CA C10 license), low voltage work of this nature does not require permits, permitting agency is the San Francisco Department of Building Inspection

**Details:**

**Technology Type**

Ethernet and Fiberoptic cabling, fixed wireless point to point, and wireless mesh networking as per attached diagrams and manufacturers specifications.

**ISP**

Municipal Fiber , 1gbs

**Wireless Network Specification**

802.11 A/B/G/N/AC

**Monthly Charge to Residents for Broadband**

Basic service provided free of charge

**Bandwidth Source**

Fiber Optic

**Minimum Download Speed During Peak Utilization**

downstream 6mbs upstream 3mbs

**Proposed Download Speed for Average User During Peak**

1.5 mbs minimum

**Proposed Upload Speed for Average User During Peak**

1.5 mbs minimum

**Project Name:** Valencia Gardens Senior Housing

**Project Location:**

**Street** 360 Valencia Street

**City** San Francisco

**State/Province** Ca

**Zip/Postal Code** 94103

**Rural?** no **Current units wired:** 42

**Units to be wired:** 42 **Residents to be wired:** 51

**ISP Denied Access?** True

**Reason Denied** 0

**Funds Requested**

**Grant** \$24,696.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$24,696.00

**Matching Funds - Monthly Bandwidth** \$12,509.00

**Matching Funds - Maintenance, Operations** \$15,120.00

**Matching Funds - Total** \$27,629.00

**Itemized List of Assets and Economic Useful Lives**

All products have over 5 years of useful life and over 10 years with for Ethernet wiring 9 Wireless Radios / Access Points1 Managed POE Gigabit Switch1 Cloud Core Router

**CEQA Requirements**

Exemption for existing facilities, the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination.: CA CEQA Guidelines 14 CCR Section §15301, Class 1

**Permit Requirements**

Required electrical work will be performed by a licensed contractor (CA C10 license), low voltage work of this nature does not require permits, permitting agency is the San Francisco Department of Building Inspection

**Details:**

**Technology Type**

Ethernet and Fiberoptic cabling, fixed wireless point to point, and wireless mesh networking as per attached diagrams and manufacturers specifications.

**ISP**

Municipal Fiber , 1gbs

**Wireless Network Specification**

802.11 A/B/G/N/AC

**Monthly Charge to Residents for Broadband**

Basic service provided free of charge

**Bandwidth Source**

Fiber Optic , carrier backhaul dual band fixed wireless

**Minimum Download Speed During Peak Utilization**

downstream 6mbs upstream 3mbs

**Proposed Download Speed for Average User During Peak**

1.5 mbs minimum

**Proposed Upload Speed for Average User During Peak**

1.5 mbs minimum

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

All products have over 5 years of useful life and over 10 years with for Ethernet wiring 11 Wireless Radios / Access Points1 Managed POE Gigabit Switch1 Cloud Core Router

**CEQA Requirements**

Exemption for existing facilities, the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination.: CA CEQA Guidelines 14 CCR Section §15301, Class 1

**Permit Requirements**

Required electrical work will be performed by a licensed contractor (CA C10 license), low voltage work of this nature does not require permits, permitting agency is the San Francisco Department of Building Inspection

**Details:**

**Technology Type**

Ethernet and Fiberoptic cabling, fixed wireless point to point, and wireless mesh networking as per attached diagrams and manufacturers specifications.

**ISP**

Municipal Fiber , , carrier backhaul dual band fixed wireless

**Wireless Network Specification**

802.11 A/B/G/N/AC

**Monthly Charge to Residents for Broadband**

Basic service provided free of charge

**Bandwidth Source**

Fiber Optic , carrier backhaul dual band fixed wireless

**Minimum Download Speed During Peak Utilization**

downstream 6mbs upstream 3mbs

**Proposed Download Speed for Average User During Peak**

1.5 mbs minimum

**Proposed Upload Speed for Average User During Peak**

1.5 mbs minimum

Project ID: 438

**Applicant Name:** Silvercrest, Inc.

**Application Type** Infrastructure

**Primary Contact:**

First Name Dave

Last Name Brenner

Job Title Com. Dev. Coordinator

Street 1331 Fulton Mall

City Fresno

State/Province CA

Zip/Postal Code 93721

Email dbrenner@fresnohousing.org

Phone 559-443-8452

**PSC Management:**

Company Housing Authority of the City of Fresno, California

Street 1331 Fulton Mall

City Fresno

State/Province CA

Zip/Postal Code 93721

First Name Shaneece

Last Name Childress

Job Title District Manager

Email schildress@fresnohousing.org

Phone 559-457-4130

**Lead Contractor:**

Company Innovative I.T.

Street 7473 N. Ingram Suite 101

City Fresno

State/Province CA

Zip/Postal Code 93711

First Name Brian

Last Name Horton

Job Title Director of Consulting

Email bhorton@innovative-fresno.com

Phone 559573-3470

Chartered Public Housing Authority?

HA Code#  Latest PHAS Score

501 (c)(3) Organization?

Tax ID#

Source of Public Funds California Tax Credit Allocation Committee funding

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

xDSL modems, 5-7 years useful life - DSLAMs, 7-9 years useful life - Firewall, 7-10 years useful life - Ethernet Switch, 7-10 years useful life - Power Distribution Unit, 7-10 years useful life -

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via xDSL technologies utilizing an enterprise DSLAM infrastructure. Pre-existing 'phone-wire' (i.e. not data wire) will be purposed. Modems will be supplied to project residents.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

n/a - not a wireless deployment

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 2.5mbps (download) during non-peak hours

**Proposed Download Speed for Average User During Peak**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 2mbps - 2.5mbps (upload) during peak hours

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

xDSL modems, 5-7 years useful life - DSLAMs, 7-9 years useful life - Firewall, 7-10 years useful life - Ethernet Switch, 7-10 years useful life - Power Distribution Unit, 7-10 years useful life -

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via xDSL technologies utilizing an enterprise DSLAM infrastructure. Pre-existing 'phone-wire' (i.e. not data wire) will be purposed. Modems will be supplied to project residents.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

n/a - not a wireless deployment

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 2.5mbps (download) during non-peak hours

**Proposed Download Speed for Average User During Peak**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 2mbps - 2.5mbps (upload) during peak hours



**Project Name:** Mendota RAD

**Project Location:**

**Street** 424 Derrick Ave ; 111 Straw Ave & 101 Tuft St ; 778 Quince St

**City** Mendota

**State/Province** CA

**Zip/Postal Code** 93640

**Rural?** 0 **Current units wired:** 0

**Units to be wired:** 124 **Residents to be wired:** 382

**ISP Denied Access?** True

**Reason Denied** 0

**Funds Requested**

**Grant** \$141,888.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$141,888.00

**Matching Funds - Monthly Bandwidth** \$30,600.00

**Matching Funds - Maintenance, Operations** \$35,760.00

**Matching Funds - Total** \$66,360.00

**Itemized List of Assets and Economic Useful Lives**

Wireless Access Point, 7-10 years useful life - Wireless bridge, 7-10 years useful life - Wireless controller, 7-10 years useful life - Networking switch, 7-10 years useful life - Firewall, 7-10 years useful life - Power distribution unit, 7-10 years useful life -

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via enterprise Ruckus wireless technologies. The selected wireless access point radios will be capable of 'meshing' to reach beyond traditional hard-wired boundaries.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

802.11 a/b/g/n/ac2.4GHz and 5GHz

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE, connected directly into the wireless mesh network

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 3mbps (download) during non-peak hours

**Proposed Download Speed for Average User During Peak**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 3mbps (upload) during peak hours

**Project Name:** Edison Plaza

**Project Location:**

**Street** 2250 S Walnut Ave

**City** Fresno

**State/Province** CA

**Zip/Postal Code** 93706

**Rural?** 0 **Current units wired:** 0

**Units to be wired:** 64 **Residents to be wired:** 186

**ISP Denied Access?** True

**Reason Denied** 0

**Funds Requested**

**Grant** \$28,800.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$28,800.00

**Matching Funds - Monthly Bandwidth** \$12,000.00

**Matching Funds - Maintenance, Operations** \$8,940.00

**Matching Funds - Total** \$20,940.00

**Itemized List of Assets and Economic Useful Lives**

xDSL modems, 5-7 years useful life - DSLAMs, 7-9 years useful life - Firewall, 7-10 years useful life - Ethernet Switch, 7-10 years useful life - Power Distribution Unit, 7-10 years useful life -

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via xDSL technologies utilizing an enterprise DSLAM infrastructure. Pre-existing 'phone-wire' (i.e. not data wire) will be purposed. Modems will be supplied to project residents.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

n/a - not a wireless deployment

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 2.5mbps (download) during non-peak hours

**Proposed Download Speed for Average User During Peak**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 2mbps - 2.5mbps (upload) during peak hours

Project ID: 402

**Applicant Name:** Skid Row Housing Trust

**Application Type** Infrastructure

**Primary Contact:**

First Name John

Last Name Siegel

Job Title IT Manager

Street 1317 E. 7th Street

City Los Angeles

State/Province CA

Zip/Postal Code 90021

Email john.siegel@skidrow.org

Phone 213-683-0522 x154

**PSC Management:**

Company Skid Row Housing Trust

Street 1317 E. 7th Street

City Los Angeles

State/Province CA

Zip/Postal Code 90021

First Name John

Last Name Siegel

Job Title IT Manager

Email john.siegel@skidrow.org

Phone 213-683-0522 x154

**Lead Contractor:**

Company Innovative I.T.

Street 7473 N. Ingram Suite 101

City Fresno

State/Province CA

Zip/Postal Code 93711

First Name Brian

Last Name Horton

Job Title Director of Consulting

Email bhorton@innovative-fresno.com

Phone 559573-3470

Chartered Public Housing Authority?

HA Code#  Latest PHAS Score

501 (c)(3) Organization?

Tax ID#

Source of Public Funds

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

xDSL modems, 5-7 years useful life - DSLAMs, 7-9 years useful life - Firewall, 7-10 years useful life - Ethernet Switch, 7-10 years useful life - Power Distribution Unit, 7-10 years useful life -

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via xDSL technologies utilizing an enterprise DSLAM infrastructure. Pre-existing 'phone-wire' (i.e. not data wire) will be purposed. Modems will be supplied to project residents.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

n/a - not a wireless deployment

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 2.5mbps (download) during non-peak hours

**Proposed Download Speed for Average User During Peak**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 2mbps - 2.5mbps (upload) during peak hours

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

xDSL modems, 5-7 years useful life - DSLAMs, 7-9 years useful life - Firewall, 7-10 years useful life - Ethernet Switch, 7-10 years useful life - Power Distribution Unit, 7-10 years useful life -

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via xDSL technologies utilizing an enterprise DSLAM infrastructure. Pre-existing 'phone-wire' (i.e. not data wire) will be purposed. Modems will be supplied to project residents.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

n/a - not a wireless deployment

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 2.5mbps (download) during non-peak hours

**Proposed Download Speed for Average User During Peak**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 2mbps - 2.5mbps (upload) during peak hours

**Project Name:** Olympia

**Project Location:**

**Street** 1201 E 7th St

**City** Los Angeles

**State/Province** CA

**Zip/Postal Code** 90021

**Rural?** 0 **Current units wired:** 0

**Units to be wired:** 48 **Residents to be wired:** 48

**ISP Denied Access?** False

**Reason Denied** 0

**Funds Requested**

**Grant** \$32,400.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$32,400.00

**Matching Funds - Monthly Bandwidth** \$9,000.00

**Matching Funds - Maintenance, Operations** \$8,940.00

**Matching Funds - Total** \$17,940.00

**Itemized List of Assets and Economic Useful Lives**

xDSL modems, 5-7 years useful life - DSLAMs, 7-9 years useful life - Firewall, 7-10 years useful life - Ethernet Switch, 7-10 years useful life - Power Distribution Unit, 7-10 years useful life -

**CEQA Requirements**

This project has been determined to be categorically exempt from CA CEQA regulations as defined within CA CEQA Guidelines Section §15301, Class 1 Exemption - "Minor Alternations of Existing Facilities".

**Permit Requirements**

Any required electrical work (CA C10 license), and low voltage requirement (CA C7 license) will be contracted to the licensed sub-contractor, with any applicable permits being submitted with the City of Fresno. Once funding is secured for this project, permitting will be delegated directly to the contractor.

**Details:**

**Technology Type**

Distribution will be engineered via xDSL technologies utilizing an enterprise DSLAM infrastructure. Pre-existing 'phone-wire' (i.e. not data wire) will be purposed. Modems will be supplied to project residents.

**ISP**

Property Management (private network, not sponsored by the ISP)

**Wireless Network Specification**

n/a - not a wireless deployment

**Monthly Charge to Residents for Broadband**

\$0 - free of charge

**Bandwidth Source**

MPOE - distribution will originate from the MPOE

**Minimum Download Speed During Peak Utilization**

Project residents can expect a minimum information rate of 2.5mbps (download) during non-peak hours

**Proposed Download Speed for Average User During Peak**

Project residents can expect a minimum information rate of 6mbps (download) during peak hours

**Proposed Upload Speed for Average User During Peak**

Project residents can expect a minimum information rate of 2mbps - 2.5mbps (upload) during peak hours

Project ID: 440

**Applicant Name:** WARD ECONOMIC DEVELOPMENT CORPORATION

**Application Type** Infrastructure

**Primary Contact:**

First Name Jacquelyn

Last Name Dupont-Walker

Job Title President

Street 1177 W. Adams Boulevard

City Los Angeles

State/Province CA

Zip/Postal Code 90007

Email jdupontw@aol.com

Phone 213.747.1188

**PSC Management:**

Company Urban Design Center

Street 1100 S. Hope St., #103

City Los Angeles

State/Province CA

Zip/Postal Code 90015

First Name Sherri

Last Name Franklin

Job Title President

Email sherri@urbandesigncenter.com

Phone 213.256.0407

**Lead Contractor:**

Company Manchester Community Technologies, Inc.

Street 2920 W. Manchester Boulevard

City Inglewood

State/Province CA

Zip/Postal Code 90305

First Name Revlyn

Last Name Williams

Job Title Executive Director

Email rlwilliams@mctorg.com

Phone 323-455-1154

Chartered Public Housing Authority?  False

HA Code#  Latest PHAS Score

501 (c)(3) Organization?  True

Tax ID#

Source of Public Funds

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

All items have an economic useful life of 5 years or more. 1/unit - 150 Mbps 802.11n cloud managed access point. M/project - 300 Mbps 802.11n cloud-managed access point (See Attachment A)

**CEQA Requirements**

N/A

**Permit Requirements**

Not Required

**Details:**

**Technology Type**

Modular, secure, cloud-managed wireless network. Mesh enabled WiFi access points designed to work together to form a self-organizing, self-healing wireless network with seamless roaming between devices and managed centrally through the cloud.

**ISP**

Internet service provided by available provider in project area.

**Wireless Network Specification**

801.11n access points optimized for high-use wireless demands -- range, speed, band - that best fits the project environment (See Attachment 'A').

**Monthly Charge to Residents for Broadband**

\$3.00 - \$6.00

**Bandwidth Source**

Wired source to MPOE provided by available ISP in project area for 2.4Ghz WiFi solution.

**Minimum Download Speed During Peak Utilization**

The average rate of successful data transfer will be configured for 6Mbps. (See Attachment A)

**Proposed Download Speed for Average User During Peak**

The average rate of successful data transfer during peak hours are expected to be 75% of channel capacity 4.5 Mbps. (See Attachment A)

**Proposed Upload Speed for Average User During Peak**

The average rate of successful data transfer will be configured for 3Mbps. (See Attachment A)



**Project Name:** ROSA PARKS VILLAS

**Project Location:**

**Street** 2507 S. Bronson Avenue

**City** Los Angeles

**State/Province** CA

**Zip/Postal Code** 90068

**Rural?** No **Current units wired:** 0

**Units to be wired:** 60 **Residents to be wired:** 0

**ISP Denied Access?** True

**Reason Denied** N/A

**Funds Requested**

**Grant** \$25,325.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$25,325.00

**Matching Funds - Monthly Bandwidth** \$0.00

**Matching Funds - Maintenance, Operations** \$0.00

**Matching Funds - Total** \$0.00

**Itemized List of Assets and Economic Useful Lives**

All items have an economic useful life of 5 years or more. 1/unit - 150 Mbps 802.11n cloud managed access point. M/project - 300 Mbps 802.11n cloud-managed access point (See Attachment A)

**CEQA Requirements**

N/A

**Permit Requirements**

Not Required

**Details:**

**Technology Type**

Modular, secure, cloud-managed wireless network. Mesh enabled WiFi access points designed to work together to form a self-organizing, self-healing wireless network with seamless roaming between devices and managed centrally through the cloud.

**ISP**

Internet service provided by available provider in project area.

**Wireless Network Specification**

801.11n access points optimized for high-use wireless demands -- range, speed, band - that best fits the project environment (See Attachment 'A').

**Monthly Charge to Residents for Broadband**

\$3.00 - \$6.00

**Bandwidth Source**

Wired source to MPOE provided by available ISP in project area for 2.4Ghz WiFi solution.

**Minimum Download Speed During Peak Utilization**

The average rate of successful data transfer will be configured for 6Mbps. (See Attachment A)

**Proposed Download Speed for Average User During Peak**

The average rate of successful data transfer during peak hours are expected to be 75% of channel capacity 4.5 Mbps. (See Attachment A)

**Proposed Upload Speed for Average User During Peak**

The average rate of successful data transfer will be configured for 3Mbps. (See Attachment A)

**Project Name:** TUELYN TERRACE

**Project Location:**

**Street** 1250 Western Avenue

**City** Los Angeles

**State/Province** CA

**Zip/Postal Code** 90006

**Rural?** No **Current units wired:** 0

**Units to be wired:** 90 **Residents to be wired:** 0

**ISP Denied Access?** True

**Reason Denied** N/A

**Funds Requested**

**Grant** \$39,750.00 **Loan** \$0.00

**Budget Detail:**

**Total Budget** \$39,750.00

**Matching Funds - Monthly Bandwidth** \$0.00

**Matching Funds - Maintenance, Operations** \$0.00

**Matching Funds - Total** \$0.00

**Itemized List of Assets and Economic Useful Lives**

All items have an economic useful life of 5 years or more. 1/unit - 150 Mbps 802.11n cloud managed access point. M/project - 300 Mbps 802.11n cloud-managed access point (See Attachment A)

**CEQA Requirements**

N/A

**Permit Requirements**

Not Required

**Details:**

**Technology Type**

Modular, secure, cloud-managed wireless network. Mesh enabled WiFi access points designed to work together to form a self-organizing, self-healing wireless network with seamless roaming between devices and managed centrally through the cloud.

**ISP**

Internet service provided by available provider in project area.

**Wireless Network Specification**

801.11n access points optimized for high-use wireless demands -- range, speed, band - that best fits the project environment (See Attachment 'A').

**Monthly Charge to Residents for Broadband**

\$3.00 - \$6.00

**Bandwidth Source**

Wired source to MPOE provided by available ISP in project area for 2.4Ghz WiFi solution.

**Minimum Download Speed During Peak Utilization**

The average rate of successful data transfer will be configured for 6Mbps. (See Attachment A)

**Proposed Download Speed for Average User During Peak**

The average rate of successful data transfer during peak hours are expected to be 75% of channel capacity 4.5 Mbps. (See Attachment A)

**Proposed Upload Speed for Average User During Peak**

The average rate of successful data transfer will be configured for 3Mbps. (See Attachment A)

Project ID: 443

**Applicant Name:** West Sacramento Housing

**Application Type** Infrastructure

**Primary Contact:**

First Name Paul

Last Name Kolarik

Job Title Executive Director

Street 2455 West Capitol Ave #106

City West Sacramento

State/Province CA

Zip/Postal Code 95691

Email wshdc@sbcglobal.net

Phone 916-715-4853

**PSC Management:**

Company

Street 2455 West Capitol Ave #106

City West Sacramento

State/Province CA

Zip/Postal Code 95691

First Name Paul

Last Name Kolarik

Job Title Executive Director

Email wshdc@sbcglobal.net

Phone 916-715-4853

**Lead Contractor:**

Company Connected Community Solutions

Street 11927 NE Sumner St.

City Portland

State/Province OR

Zip/Postal Code 97220

First Name Dave

Last Name Cannard

Job Title Principal

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Phone 503-367-1181

Chartered Public Housing Authority?  False

HA Code#  Latest PHAS Score

501 (c)(3) Organization?  True

Tax ID#

Source of Public Funds

**Project Name:**

**Project Location:**

**Street**

**City**

**State/Province**

**Zip/Postal Code**

**Rural?**  **Current units wired:**

**Units to be wired:**  **Residents to be wired:**

**ISP Denied Access?**

**Reason Denied**

**Funds Requested**

**Grant**  **Loan**

**Budget Detail:**

**Total Budget**

**Matching Funds - Monthly Bandwidth**

**Matching Funds - Maintenance, Operations**

**Matching Funds - Total**

**Itemized List of Assets and Economic Useful Lives**

6 WiFi Access Points, 5 year useful life; CAT5e cable with a 10 to 20 year useful life.

**CEQA Requirements**

California Public Resources Code Section 15301 CEQA categorical exemption Class 1: Existing Facilities -- Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency determination.

**Permit Requirements**

Any required low-volt or electrical permitting will be delegated to the selected low-volt subcontractor. Permitting agency is City of West Sacramento, CA.

**Details:**

**Technology Type**

WiFi mesh Internet network. See attached network description, diagram, and equipment datasheets for more information.

**ISP**

Wave Broadband, One (1) circuit with a minimum of 50 Mbps each for a total of 50 Mbps minimum.

**Wireless Network Specification**

WLAN standard is 802.11 b/g/n 2.4 GHz and 802.11 a/n/ac 5GHz

**Monthly Charge to Residents for Broadband**

WiFi internet service will be free to residents.

**Bandwidth Source**

Bandwidth will be distributed by the network over CAT5e cables from the ISP Modem locations shown on the network diagram to selected Access Point locations and then wirelessly to repeater Access Points and users.

**Minimum Download Speed During Peak Utilization**

Total bandwidth from WAVE Broadband: 50 Mbps downstream, 10 Mbps upstream.

**Proposed Download Speed for Average User During Peak**

Minimum download speed during peak times will be 1.5 Mbps per unit.

**Proposed Upload Speed for Average User During Peak**

Minimum upload speed of 1.5 Mbps per unit.