

Network Plan

Providence St. Joseph Health. Renton. WA 98057 FCC Healthcare Connect Fund

1. Background, Goals and Objectives of the proposed network

In mid 2016, Irvine, California based St. Joseph Health merged with Providence Health & Services of Renton, Washington, creating Providence St. Joseph Health and making it the third-largest nonprofit health system in the U.S., behind only Kaiser Permanente and Ascension Health.

Providence St Joseph employs over 110,000 people in seven states: Alaska, California, Montana, New Mexico, Oregon, Texas and Washington. The Providence system includes

- 50 and hospitals
- 829 clinics
- 23,000 Physicians
- 14 supportive housing facilities
- 106,000 caregivers
- A serving area of 22 million people
- Annual revenue of \$20 Billion
- Charitable care of \$1.5 Billion
- High School and University level nursing schools

The Providence St. Joseph Health family includes:

- Providence Health & Services in Alaska, Washington, Oregon, California and Montana
- St. Joseph Health in California, New Mexico and Texas
- Covenant Health in West Texas
- Facey Medical Foundation in Los Angeles
- Hoag Memorial Presbyterian in Orange County, Calif.
- Kadlec in Southeast Washington
- Pacific Medical Centers in Seattle
- Swedish Health Services in Seattle

Bringing all these facilities together will allow Providence St. Joseph Health to leverage its size and expertise to focus on greater affordability, better care, and improved patient experience and facilitate the development of new services.

Both Providence and St. Joseph can trace their roots back over 100 years to separate ministries of Catholic Sisters and an untamed west:

- **Providence Health & Services**

In 1856, Mother Joseph and four Sisters of Providence established hospitals, schools and orphanages across the Northwest. Over the many years since, numerous other Catholic sisters transferred sponsorship of their ministries to Providence, thus expanding into Alaska, California, Montana, Oregon and Washington.

- **St. Joseph Health**

In 1912, a small group of Sisters of St. Joseph came to Eureka, Calif., to provide education and health care. The ministry later established roots in Orange, Calif., and expanded to serve all for California and west Texas

Our goal is to connect all the remote sites to the hospital's information systems to provide a central source for patient information. Connecting the clinics to the hospital's network allows the clinics to access all of its resources including primary EMR applications, current and NextGen information services.

Our long range vision of the Program is to enable a set of standard telehealth connection services that will interconnect throughout the region and facilitate any healthcare location in the state to share one or more telehealth services with any other healthcare location within the region and ultimately to interconnect with other health care providers on a national basis.

This RFP addresses the telecommunications and network maintenance to interconnect the main hospital and data center and the remote hospitals and multiple clinics and doctor's offices in the area as described in the Background and Goals Section.

2. Sites that are participating in this consortium are:

HCP NO.	HCP NAME	HCP ADDRESS
10346	Providence St. Joseph Medical Center Polson	613th Avenue East Polson, Montana 59860
10642	Providence St. Joseph Hospital Chewelah	500 East Webster Chewelah, Washington 99109
10382	Providence Seward Medical & Care Center	417 1st Avenue Seward, Alaska 99664
12421	Providence Kodiak Island Medical Center	1915 East Rezanof Drive Kodiak, Alaska 99615
13295	Providence Valdez Medical Center	911 Meals Avenue Valdez, Alaska 99686
27009	Providence-Lifespan Family Medicine Specialists	715 Main Street, Stevensville Montana 59870
43616	Providence Hospice of the Gorge	1630 Woods Court, Hood River, Oregon 97031
52073	Providence Hospice of the Gorge - The Dalles	751 Myrtle Street The Dalles, Oregon 97058
10002	St. Joseph Hospital - Eureka	2700 Dolbeer Street Eureka, California 95501

36752	Providence Heart Clinic North Coast	1355 Exchange Street Astoria, Oregon 97103
52054	Swedish – The Polyclinic Sequim	840 North 5th Avenue Sequim, Washington 98382
52180	Prov Regional Cancer System - Shelton	2026 Olympic Highway North Shelton, Washington 98584
34530	Yelm Medical Plaza	201 Tahoma Boulevard Southeast Yelm, Washington 98597
52065	Providence Hood River Memorial Hospital Women's Clinic	1125 May Street Hood River, Oregon 97031
43615	Providence Brookside Manor	1550 Brookside Drive Hood River, Oregon 97031
52067	Otolaryngology-Providence Medical Group-Hood River	1619 Woods Court Hood River, Oregon 97031
43493	Providence Hood River Memorial Hospital Orthopedic Clinic	902 12th Street Hood River, Oregon 97031
52068	Providence Hood River Memorial Hospital Occupational And Travel Medicine Clinic	917 11th Street Hood River, Oregon 97031
52075	Providence Canby Health Center	200 S. Hazel Dell Way Canby, Oregon 97013
52420	Providence Medical Park	16528 East Desmet Court Spokane Valley, Washington 99016
52421	Providence Office Park	4400 Northeast Halsey Street Portland, Oregon 97213
24259	Providence Medical Group Cannon Beach	171 North Larch Sandpiper Square Cannon Beach, Oregon 97110
52076	Hood River Health Services Building	1151 May Street Hood River, Oregon 97031
52077	George Counsel and Treatment	814 13th Street Hood River, Oregon 97031
25718	Providence Hood River Memorial Hospital Mountain Clinic	14040 Oregon 35 Mount Hood, Oregon 97041
43495	PMG Hood River Family Practice	1304 Montello Avenue Hood River, Oregon 97031
52078	PMG Hood River	1108 June Street Hood River, Oregon 97031
43494	OP Rehab Hood River	1627 Woods Court Hood River, Oregon 97031
52055	Seward Mountain Haven	2203 Oak Street Seward, Alaska 99664
25721	Providence Hood River Memorial Hospital	810 12th Street Hood River, Oregon 97031
52079	Molalla Medical Clinic	110 Center Avenue Molalla, Oregon 97038
51951	Kadlec Cardiology Pendleton	3001 Saint Anthony Way Pendleton, Oregon 97138

24282	Providence Seaside Hospital	725 South Wahanna Road Seaside, Oregon 97138
52183	Providence Northeast Washington Medical Group - Colville	1200 East Columbia Avenue Colville, Washington 99114
52187	Providence Northeast Washington Medical Group Garden Home	143 Garden Homes Drive Colville, Washington 99114
43488	Florence Family Practice	5549 Old Us Highway 93 Florence, Montana 59711
25717	Providence Newberg Medical Center	1001 Providence Drive Newberg, Oregon 97132
51936	Providence Saint Joseph Medical Center	501 South Buena Vista Street Burbank, California 91505
51937	Providence Holy Cross Medical Center - Mission Hills	15031 Rinaldi Street Los Angeles, California 91345
51940	Providence Saint John's Health Center	2121 Santa Monica Boulevard Santa Monica, California 90404
51941	Providence Tarzana Medical Center	18321 Clark Street Los Angeles, California 91356
51942	Providence Little Company of Mary Medical Center Torrance	4101 Torrance Boulevard Torrance, California 90503
43491	Montana Spine and Pain Center	1103 Westwood Drive, Suite 200, Hamilton, Montana 59840
10757	St. Patrick Hospital	500 West Broadway Street Missoula, Montana 59802
24251	Providence Medford Medical Center	1111 Crater Lake Avenue Medford, Oregon 97504
24250	Providence Milwaukie Hospital	10150 Southeast 32nd Avenue Milwaukie, Oregon 97222
25708	Providence Willamette Falls Medical Center	1500 Division Street Oregon City, Oregon 97045
24275	Providence Portland Medical Center	4805 Northeast Glisan Street Portland, Oregon 97213
24249	Providence St. Vincent	9205 Southwest Barnes Road Portland, Oregon 97225
13569	Providence Centralia Hospital	914 South Scheuber Road Centralia, Washington 98531
34528	Providence St. Peter Hospital	413 Lilly Road N.E. Olympia, Washington 98506
27403	IHI Hamilton Clinic	1200 Westwood Drive Hamilton, Montana 59840
52010	Kadlec Medical Center	888 Swift Boulevard Richland, Washington 99352
51939	Providence Little Company of Mary - San Pedro	1300 West 7th Street California 90732
52011	Swedish Medical Center Cherry Hill	500 17th Avenue Seattle, Washington 98122
52014	Swedish Medical Center Issaquah Campus	751 Northeast Blakely Drive Issaquah, Washington 98029
52016	Providence Sacred Heart Medical Center	101 West 8th Avenue Spokane, Washington 99204

52017	Providence Holy Family Hospital	5633 North Lidgerwood Street Spokane, Washington 99208
52018	Providence ST. Mary	401 West Poplar Street Walla Walla, Washington 99362
52043	Swedish Medical Center Edmonds Campus	21601 76th Avenue West Edmonds, Washington 98026
52013	Swedish Medical Center First Hill	747 Broadway, Seattle Washington 98122
52167	Petaluma Valley Hospital	400 North McDowell Boulevard Petaluma, California 94954
52169	Queen of the Valley Medical center	1000 Trancas Street Napa, California 94558
52175	Santa Rosa Memorial Hospital	1165 Montgomery Drive Santa Rosa, California 95405
23129	Mission Hospital - Laguna Beach	31872 Coast Highway Laguna Beach, California 92651
22580	Mission Hospital - Mission Viejo	27700 Medical Center Road Mission Viejo, California 92691
52171	St. Joseph Hospital - Orange	1100 West Stewart Drive Orange, California 92868
52173	St. Jude Medical Center	101 East Valencia Mesa Drive Fullerton, California 92835
43490	St. Joseph Family Practice Ronan	63351 US Highway 93 Ronan, Montana 59864
52174	St. Mary Medical Center	18300 California 18 Apple Valley, California 92307
52188	Covenant Health Plainview	2601 Dimmitt Road Plainview, Texas 79072
52177	Covenant Children's Hospital	4000 24th Street Lubbock, Texas 79410
52189	Covenant Medical Center	3615 19th Street Lubbock, Texas 79410
52190	Covenant Specialty Hospital	3815 20th Street Lubbock, Texas 79410
52019	Fisher Datacenter	140 4th Avenue North Seattle, Washington 98109
23427	Providence Anchorage Medical Center	3200 Providence Drive Anchorage, Alaska 98508
51957	Quincy Datacenter	2200 M Street NE Quincy, Washington 98848
52178	Hoag Hospital Irvine	16250 Sand Canyon Avenue Irvine, California 92618
52191	Hoag Hospital Newport Beach	1 Hoag Drive Newport Beach, California 92663

52424	Covenant Health Family Healthcare Center - Abernathy	409 8th Street Abernathy, Texas 79311
24268	Providence Rehabilitation Services - Gearhart	3621 U.S. 101 North Gearhart, Oregon 97138
52450	Renner General Surgery	3307 Renner Dr., Fortuna, CA 95540
52451	Providence Benedictine Nursing Center	540 S. Main St., Mt. Angel, OR 97362

3. Strategy for aggregating the specific needs of health care providers (HCPs), including providers that serve rural areas, within a state or region

Most of the remote clinics are small, so providing a separate EMR application for each site would not be cost effective, and would make the sharing of this information with other health care providers difficult. By sharing the hospital's resources, each clinic and remote site will have access to a much broader array of information services.

4. Strategy for leveraging existing technology to adopt the most efficient and cost-effective means of connecting those providers

The hospitals and clinics already have network equipment to interconnect PCs and printers. By using high speed connections and standard network equipment, Providence St. Joseph Health will be able to connect the PCs and printers in the remote offices to the hospital's existing network. This will allow access to servers and applications in the hospital as well as cloud based applications available on the internet. The hospital already has an extensive network of leased facilities, which interconnects the Hospital and remote clinics.

5. Discussion of how the broadband services will be used to improve or provide health care delivery

There are many data centers in the Providence St. Joseph network. Some are located on the hospital campuses and some are in collocation space. All are interconnected with high speed communications. The hospital and clinics have direct access to the internet for cloud based services and dedicated access for such services as radiology and patient records. Remote locations are connected using mostly a combination of ISDN PRIs and high speed Ethernet and Optical internet connections. This network will support applications such as:

- Interactive video conferencing and telemedicine.
- Streaming video for distance learning and continuing education.

- Enabling medical record queries from multiple sources.
- Transmission and receipt of imaging files.
- Web-based collaboration tools for meetings and peer-to-peer consultation and interaction and for hospital administration.
- Access to internet based resources for staff and patient education.

The hospitals and all clinics and locations will benefit from these high speed connections. Facilities will be upgraded and expanded, as needed for growth and new services beyond what's mentioned above.

6. Discussion of previous experience in developing and managing health IT (including telemedicine) programs

Curtis Cummings, Senior Director IS Operations will oversee this project. Curtis has extensive experience working in IT, with over ten of those years in IT management positions in healthcare, energy research, and with Microsoft.

7. A project management plan outlining the project's leadership and management structure (a work plan, schedule, and budget)

- Curtis Cummings, Senior Director IS Operations, will be the project Manager.
- Schedule:
 - Bid process to last 28 days with earliest contract selection date on the 29th day
 - Implementation of service is expected to take place within 60 days of the Allowable Contract Selection Date
- Budget:
 - Telecommunication Services - Annual Cost ~ \$12,000,000
 - 65% of these costs will be covered under the Healthcare Connect Fund, while the remaining balance will be paid out of the hospital's income.