



Network Plan
Baylor Scott & White Health. Dallas. TX 75021
FCC Healthcare Connect Fund

1. Background, Goals and Objectives of the proposed network

Baylor Scott & White Health is the largest not-for-profit health care system in Texas and one of the largest in the United States. Created in 2013 from the combination of Baylor Health Care System and Scott & White Healthcare, today Baylor Scott & White Health includes 48 hospitals, more than 1,000 patient care sites, more than 5,500 active physicians, over 44,000 employees, and the Scott & White Health Plan.

Baylor Scott & White Health is headquartered in Dallas, Texas. It serves the Dallas - Ft. Worth Metroplex and the surrounding suburbs in North Texas. It also serves Central Texas along the I-35 corridor from just north of Waco to south of Austin and east and west along US 290 including College Station and Texas A&M University and surrounding communities.

Baylor Scott & White provides full-range, inpatient, outpatient, rehabilitation, and emergency medical services through its hospitals and other facilities. Here are some other details and relevant statistics about the Baylor Scott & White Health system.

- 5.1 million patient encounters annually
- 153 satellite outpatient facilities
- 8 joint-ventured emergency medical centers
- 29 ambulatory surgery centers
- 166 primary care clinics
- 472 specialty, sub-specialty, and multi-specialty clinics
- 4 senior health centers
- 4 urgent care clinics
- More than 5,600 licensed beds
- 25 retail pharmacies
- \$10.8 billion in total assets
- \$8.4 billion in total operating revenue
- \$743 million in community benefit
- 208,789 hospital admissions
- More than 900,000 emergency department visits
- More than 4 million outpatient registrations

Both Baylor Health and Scott & White Health trace their history to the beginning of the 20th century.

Baylor Hospital opened in 1903 as Texas Baptist Memorial Sanitarium in a 14-room renovated house with 25 beds. It received its charter from the state of Texas in 1903 and had financial support from the Baptist General Convention of Texas. The hospital was renamed Baylor Hospital in 1921 and then Baylor University Hospital in 1936 to emphasize its relationship with the Baptist-affiliated Baylor University in Waco, Texas.

Scott & White Memorial Hospital was founded in 1897, when Dr. Arthur C. Scott and Dr. Raleigh R. White, Jr. opened the Temple Sanitarium in Temple, Texas. It became the primary clinical teaching campus of Texas A&M Health Science Center College of Medicine.

Baylor Scott & White Health wishes to participate in the FCC Healthcare Connect Program whose 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.

The 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
13140	Scott & White - Llano Hospital	200 West Ollie Street Llano, Texas 78643
13963	Scott & White Clinic - San Saba	2005 West Wallace San Saba, Texas 76877
17975	Johns Community Hospital	305 Mallard Lane Taylor, Texas 76574
31323	Scott & White - Marble Falls Clinic	706 Avenue G Marble Falls, Texas 78654
31324	Scott & White - Physical Rehabilitation	2117 S. Day Street Brenham, Texas 77833
31325	Scott & White Clinic - Brenham	604 Highway 290 West Brenham, Texas 77833
31326	Scott & White Clinic - Medical Parkway	539 Medical Parkway Street Brenham, Texas 77833

31332	Scott & White Hospital - Brenham	700 Medical Parkway Brenham, Texas 77833
31333	Scott & White Taylor Clinic - Burnet	101 East Jackson Street Burnet, Texas 78611
31334	Scott & White - Taylor Clinic	403 Mallard Lane Taylor, Texas 76574
31408	Scott & White Healthcare - Hoerster Clinic Llano	102 East Young Llano, Texas 78643
32480	Scott & White Healthcare - Cameron Clinic	101B Lafferty Avenue Cameron, Texas 76520
32902	Scott & White Healthcare Clinic - Horseshoe Bay	100 Pecan Crossing Horseshoe Bay, Texas 78657
32903	Scott & White Healthcare - Clinic - Kingsland	105 FM 2342 Kingsland, Texas 78639
39381	Scott & White - Johnson City Clinic	208 Haley Road Johnson City, Texas 78636
39382	Scott & White - Hempstead Clinic	808 6th Street Hempstead, Texas 77445
39383	Scott & White - Marble Falls Specialty Clinic	800 West Highway 71 Marble Falls, Texas 78654
39396	Scott & White - Horseshoe Bay Specialty Clinic	201 Bay West Boulevard Horseshoe Bay, Texas 78657
39399	Scott & White - Salado Clinic	3525 FM 2484 Salado, Texas 76571
45938	Scott & White Clinic - Caldwell	1010 Woodson Drive Caldwell, Texas 77836
46168	Baylor Scott & White Clinic - Gatesville	319 South Highway 36 Bypass Gatesville, Texas 76528
47641	BSW-Health Texas Physician's Network-Leonard	700 E Highway 78 Leonard, Texas 75452
47644	BSW-Health Texas Physician's Network - Corsicana	301 Hospital Drive #197 Corsicana, Texas 75110
47647	BSW-Health Texas Physician's Network-Gun Barrel City	801 W. Main Street Gun Barrel City, Texas 75156
47648	BS&W Rehabilitation Clinic - Llano	1100 Ford Street Llano, Texas 78643
47649	BS&W Wellness Clinic - Brenham	2111 S. Day Street Brenham, Texas 77833
52947	BSW Medical Center Sunnyvale	231 South Collins Road Sunnyvale, Texas 75182
52949	Baylor Orthopedics & Spine Hospital Arlington	707 Highlander Boulevard Arlington, Texas 76015
52950	BSW Medical Center Carrollton	4343 North Josey Lane Carrollton, Texas 75010

52951	BSW Medical Center Centennial	12505 Lebanon Road Frisco, Texas 75035
52952	Heart Hospital Baylor Denton	2801 South Mayhill Road Denton, Texas 76208
52953	BSW All Saints Medical Center Fort Worth	1400 8th Avenue Fort Worth, Texas 76104
52954	BSW Medical Center Garland	2300 Marie Curie Boulevard Garland, Texas 75042
52955	BSW Medical Center Grapevine	1650 West College Street Grapevine, Texas 76051
52957	Baylor Hamilton Heart & Vascular Hospital	621 Hall Street Dallas, Texas 75226
52958	BSW Hillcrest	100 Hillcrest Medical Boulevard Waco, Texas 76712
52959	BSW Medical Center Irving	1901 North MacArthur Boulevard Irving, Texas 75061
52960	BSW Medical Center Lake Pointe	6800 Scenic Drive Rowlett, Texas 75088
52961	McClane Children's Hospital	1901 Southwest H K Dodgen Loop Temple, Texas 76502
52962	BSW Medical Center McKinney	5252 West University Drive McKinney, Texas 75071
52963	North Central Surgical Center	9301 North Central Expressway Dallas, Texas 75231
52964	Heart Hospital Baylor Plano	1100 Allied Drive Plano, Texas 75093
52965	BSW Medical Center Plano	4700 Alliance Boulevard Plano, Texas 75093
52966	BSW Round Rock	300 University Boulevard Round Rock, Texas 78665
52967	Baylor Medical Center-Uptown	2727 Lemmon Avenue Dallas, Texas 75204
52968	BSW Medical Center Waxahachie	2400 N. Interstate-35E Waxahachie, Texas 75165
52969	BSW Medical Center White Rock	9440 Poppy Drive Dallas, Texas 75218
52970	BSW Medical Center-College Station	700 Scott and White Boulevard College Station, Texas 77845
52971	Baylor Scott & White Memorial Hospital Temple	2401 South 31st Street Temple, Texas 76508

53451	BSWH Corporate Office	2001 Bryan Street, Dallas, Texas 75201
53453	BSW Round Rock Call Center	2590 Oakmont Drive, Round Rock, Texas 78665
53455	BSWH Administrative & Training Offices	8111 LBJ Freeway, Dallas, Texas 75251
53488	Baylor University Medical Center Dallas	3500 Gaston Ave., Dallas, Texas 75246

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, Baylor Scott & White 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 Hospitals and remote clinics.

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

There are multiple data centers in the Baylor Scott & White Health network. 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

John Samayoa, Network Infrastructure Manager will oversee this project. He has extensive experience working in IT, with over ten of those years in IT management positions all of which were in health care.

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

- John Samayoa, Network Infrastructure Manager 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 ~ \$1,500,000.
 - 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.