



Education Partners Solution, Inc.
 3506 Hwy 6 S., Suite 226
 Sugar Land, TX 77478-4401
 Voice: (281) 494-0187
 FAX: (281) 980-2942
 Email: gifford@eps4.com

January 11, 2005

BISD WAN ADDENDUM #1

This addendum documents the clarifications, questions, answers and statements since the **BISD WAN RFP** release.

1. Correction on Table 3.1.2

3.1.2 Existing Campus Information

	<u>CAMPUS</u>	<u>ADDRESS</u>	<u>CITY</u>	<u>TX</u>	<u>ZIP</u>
1	Belton Administration Office	616 E 6th Ave	Belton	TX	76513-2707
2	Belton Education Development Center	501 E 4th Ave	Belton	TX	76513-3111
3	Belton High School	600 Lake Rd	Belton	TX	76513-1406
4	Belton Intermediate School	1704 Sparta Rd	Belton	TX	76513-8419
5	Belton Special Education/ Transportation	1100 Industrial Blvd	Belton	TX	76513-1926
6	Belton Junior High East	501 E 4th Ave	Belton	TX	76513-1418
7	Belton Junior High West	400 N Wall St	Belton	TX	76513-3143
8	Joe M Pirtle Elementary School	714 S Pea Ridge Rd	Temple	TX	76502-5136
9	Lakewood Elementary School	11200 FM # 2305	Belton	TX	76513-5390
10	Leon Heights Elementary School	1501 N Main St	Belton	TX	76513-1907
11	Miller Heights Elementary Schl	1110 Fairway Dr	Belton	TX	76513-4050
12	Southwest Elementary School	611 South Saunders St	Belton	TX	76513-3740
13	Sparta Elementary School	1800 Sparta Rd	Belton	TX	76513-5197
14	Tarver Intermediate School	8818 Tarver Dr	Temple	TX	76502
15	Waskow Leadership Academy	320 N Blair St	Belton	TX	76513-3102
16	Support Services	1220 Huey Drive	Belton	TX	76513
17	Print Shop	602 E. 3 rd Street	Belton	TX	76513

2. Additional Information for Clarification

Addendum Table 1.0 Bond Impact on Current Facilities

	<u>EXISTING CAMPUS</u>	<u>NEW CAMPUS</u>	<u>ADDRESS</u>	<u>CITY</u>
1	Belton Administration Office	Move to Belton Junior High West	616 E 6th Ave	Belton, TX
2	Belton Education Development Center	Move to Belton Junior High West. Current space becomes Central Elem. and Early Childhood	501 E 4th Ave	Belton, TX
3	Belton High School	Expansion-30 Classrooms and Renovations	600 Lake Rd	Belton, TX
4	Belton Intermediate School	Convert to Middle School and add	1704 Sparta Rd	Belton, TX

		Classrooms		
5	Belton Special Education/ Transportation	No Change	1100 Industrial Blvd	Belton, TX
6	Tarver Intermediate School	Convert to Middle School and add Classrooms.	8818 Tarver Dr	Temple
7	Belton Junior High East	Convert to Central Elementary and Early Childhood	501 E 4th Ave	Belton, TX
8	Belton Junior High West	Administration/Curriculum/ Tech (Including NOC)	400 N Wall St	Belton, TX
9	Joe M Pirtle Elementary School	No Change	714 S Pea Ridge Rd	Temple
10	Lakewood Elementary School	Expansion Classrooms	11200 FM # 2305	Belton
11	Leon Heights Elementary School	No Change	1501 N Main St	Belton
12	Miller Heights Elementary Schl	Renovations	1110 Fairway Dr	Belton
13	Southwest Elementary School	No Change	611 S Saunders St	Belton
14	Sparta Elementary School	Expansion - Classrooms	1800 Sparta Rd	Belton
15	Waskow Leadership Academy	No Change	320 N Blair St	Belton
16	Printshop	No Change	602 E. 3 rd Street	Belton, TX
17	Support	No Change	1220 Huey Dr.	Belton, Tx

3. Additional Information for Clarification

Addendum Table 2.0 Future Campus Information

	<u>CAMPUS</u>	<u>ADDRESS</u>	<u>CITY</u>
1	Belton Administration Complex including Administration, Curriculum and Technology. Including Network Operating Center (NOC)	400 N Wall St	Belton, TX
2	Central Elementary and Early Childhood	501 E 4th Ave	Belton, TX
3	Belton High School	600 Lake Rd	Belton, TX 76513-1406
4	Belton Middle School	1704 Sparta Rd	Belton, TX 76513-8419
5	Tarver Middle School	8818 Tarver Dr	Temple, TX 76502
6	Belton Special Education/ Transportation	1100 Industrial Blvd	Belton, TX
7	Joe M Pirtle Elementary School	714 S Pea Ridge Rd	Temple
8	Lakewood Elementary School	11200 FM # 2305	Belton, TX 76513
9	Leon Heights Elementary School	1501 N Main St	Belton
10	Miller Heights Elementary Schl	1110 Fairway Dr	Belton
11	Southwest Elementary School	611 South Saunders St	Belton
12	Sparta Elementary School	1800 Sparta Rd	Belton
13	Waskow Leadership Academy	320 N Blair St	Belton, TX 76513-3102
14	Printshop	602 E. 3 rd Street	Belton, TX
15	Support	1220 Huey Dr.	Belton, TX

4. Clarification: The Network Operation Center will be located in the New Administration Building converted from Belton Junior High West at 400 N. Wall St.

5. Clarification: All reference to Belton Junior High, Belton Intermediate, Belton Middle School, Tarver Junior High, Tarver Intermediate, or Tarver Middle School refer to Belton Middle School at 1704 Sparta Rd and Tarver Middle School at 8818 Tarver Dr.

6. Exception: The Support facility will remain on a T-1 circuit or district provided wireless at this time.

3.2 Functional Specifications

It is the goal of this project to implement an Optical Network Infrastructure predicated on the following high-level principles. All proposals must support these principles in entirety. The ONI provided, as a result of this RFP network must support the following:

1. Gigabit Ethernet to all sites with the NOC, SNOC and Tarver JH on a redundant ring backbone.

7. Correction: Change all references to Tarver to Tarver Middle School

3.3.1 Wide Area Network Backbone Circuits

Provide a Gigabit Metro Ethernet telecommunication service between BISD’s Network Operation Center (NOC) located in the Administrative Complex and the Secondary Network Operation Center (SNOC) located in Belton High School.

Administrative Complex (NOC)	400 N Wall St	Belton	TX	76513-3143
Belton High School (SNOC)	600 Lake Rd	Belton	TX	76513-1406

Provide a Gigabit Metro Ethernet telecommunication service between BISD’s Network Operation Center (NOC) located in the new Administrative Complex and Tarver Middle School.

Administrative Complex (NOC)	400 N Wall St	Belton	TX	76513-3143
Tarver Middle School	8818 Tarver Dr	Temple	TX	76502

Provide a Gigabit Metro Ethernet telecommunication service between BISD’s SNOC located in Belton High School and Tarver Middle School.

Belton High School (SNOC)	600 Lake Rd	Belton	TX	76513-1406
Tarver Middle School	8818 Tarver Dr	Temple	TX	76502

8. Additional Information for Clarification:

- 3.3.2.1 If the vendor proposes a fiber construction project instead of a telecommunication service, all fiber optic cable installed on Belton ISD property should be identified separately. Campus connections that do not cross public property such as Sparta Elementary to Belton High School, Belton Middle School to Belton High School, and Tarver Middle School to Pirtle Elementary should be identified separately for erate eligibility as internal connections. In addition; if the provider has a specific demarc point or splice case to the Campus MC, the cost of the cable installation, termination and maintenance from the demarc to the MC should also be identified.

9. Correction to Tables from Section 3.3.2:

Hub Sites

Network Operation Center located in Admin. Complex	400 N Wall St	Belton	TX	76513-3143
Secondary Network Operation Center in Belton High School	600 Lake Rd	Belton	TX	76513-1406
Tarver Middle School	8818 Tarver Dr	Temple	TX	76502

Table: Campus List

CAMPUS	ADDRESS	CITY	TX	ZIP
<i>Admin/NOC Connections</i>	<i>400 N Wall St</i>	<i>Belton</i>	<i>TX</i>	<i>76513-3143</i>
Central Elementary School	501 E 4th Ave	Belton	TX	76513-3111
Miller Heights Elementary School	1110 Fairway Dr	Belton	TX	76513-4050
Southwest Elementary School	611 South Saunders St	Belton	TX	76513-3740
Waskow Leadership Academy	320 N Blair St	Belton	TX	76513-3102
Print Shop	602 E. 3 rd Street	Belton	TX	76513
<i>SNOC Belton High School</i>	<i>600 Lake Rd</i>	<i>Belton</i>	<i>TX</i>	<i>76513-1406</i>
Belton Middle School	1704 Sparta Rd	Belton	TX	76513-8419
Sparta Elementary School	1800 Sparta Rd	Belton	TX	76513-5197
Leon Heights Elementary School	1501 N Main St	Belton	TX	76513-1907
Belton Special Education/Transportation	1100 Industrial Blvd	Belton	TX	76513-1926

<i>Tarver Middle School</i>	<i>8818 Tarver Dr</i>	<i>Temple</i>	<i>TX</i>	<i>76502</i>
Joe M Pirtle Elementary School	714 S Pea Ridge Rd	Temple	TX	76502-5136
Lakewood Elementary School	11200 FM # 2305	Belton	TX	76513-5390

10. Clarification Page 24: The vendor is responsible to determine route and design and may change the proposed connections without any penalty on evaluation. The above defined connections were determined by mileage.

11. Request Alternate Options to be provided for Multi Mode Fiber Installations: Page 24

11.1 Please provide an option when the proposed fiber distance for a connection run is below 300 Meters for 2000 MHz*km 50/125 micron multimode fiber (or better) cable in addition to the proposal for 160 MHz*km 62.5/125 micron multimode fiber.

12. Additional Required Information Page 24

- Terminated Single mode fiber with SC connectors in a rack mounted fiber patch panel. The rack exists or will be supplied by the district.
- Terminate Multi mode fiber with a SFF connector solution in a rack mounted fiber patch panel.

13. Additional Information and Clarification

The vendor should propose contract terms that provide the most financially favorable solution to the district. In a fiber lease/maintenance solution, the district would like to evaluate a 5 to 7 year contract.

14. Emphasis

High-capacity telecommunication services, ownership/lease of dark fiber, exclusive use/non-restrictive lease of dark fiber, or long-term extended service contracts on wavelength services will be considered; however, maintenance, moves, insurance, permits, liabilities, repair, systemic quality maintenance, and all other operational and on-going services and maintenance must be provided within the contract.

The project will include contract documents; installations; terminations; project plans; shop drawings, project management; cabling; labeling; raceways; wall mounting; materials staging and testing.

The contract will include, but are not limited to, all permits, construction costs, labor, services, and materials necessary for the completion of this project. Proposal costs shall include all contracts, agreements, and insurance, licensing fees, make ready, tree trimming, materials, labor and any other costs to complete this project.

15. Campus maps can be found at:

- <http://www.eps4.com/beltoncampus.pdf>
- <http://www.eps4.com/beltonmap.pdf>

16. Vendor Question

1. What are the recurring costs for the current LAN, WAN and Telephony network?
2. Please provide a current asset list of what is in service, i.e., number of phones, type of service, routers, switches, etc.

ANSWER: Electronics and Phone RFP are available upon request.