



# ALDINE ISD

## TECHNOLOGY SERVICES C/O PURCHASING DEPARTMENT

2520 W.W. Thorne  
Houston, Texas 77073

### RFP TS-WAN-01-Y20 Wide Area Network - Addendum No.2

**Proposal due time and date: 11:00 am (CST) on January 10, 2017**

#### **Addendum No. 2 – Issued December 16, 2016**

The following Addendum is made pursuant to the RFP TS-WAN-01-Y20 WAN Infrastructure Upgrade. This Addendum shall be fully incorporated into the RFP and have the same force and affect. If any portion of this Addendum conflicts with the RFP or Attachments thereto, the Addendum shall take precedence. Acknowledge receipt of this addendum by inserting its number in the space provided on the Solicitation Form. Responses that do not list addenda numbers that go to price will be rejected.

The following clarifications are made to the RFP in response to questions received from potential proposers:

1. **Question:** Do you require every service provider to bid both lit and dark fiber options? If a service provider were to bid dark fiber only, will that bid be compliant?

**Response:** Aldine does not require a bid on both lit and dark fiber. The service provider has the option of choosing to bid on one or both options.

2. **Question:** Can you please expand if on the leased lit option that Intent of the fault tolerant WAN based on ring design, must have diverse paths to all the remote schools with 4 circuits each which would be 300 plus circuits ( 2 to the East NOC & 2 to the West NOC from each remote school ) ?

**Response:** See the following sections of the Attachment A Scope of Services, subsection section 2.02 , A, 2 (pasted below) and Section 2.02 C in its entirety also (pasted below).

2.02,A 2. Intent of the fault tolerant WAN based on ring design, must have diverse paths that originate in both East NOC and West NOCs. Intent is that the diverse entries in the buildings are located in separate conduits, from different sides of the building.

#### 2.02, C. Leased Lit Service

01. As an alternative, respondents can quote a leased lit fiber network solution between the designated endpoints.

02. Aldine ISD must have dedicated Lit Transport Bandwidth throughput (upload and download) of 10 Gbps, upgradable to 40 Gbps, with Service Level Agreement (SLA) guarantees between the designated endpoints.

The solution must be scalable from 10 Gbps to 40 Gbps with 10 Gbps cost increments. All respondents must be capable of providing telecommunication services under the Universal Service Support Mechanism.

#### 03. Additional Description

a. Each lit service response must also include description of proposal, SLA, timeline, network diagram, demarcation, references, and Connect America Fund status as described in later sections.

04. The lit service must be able to integrate with the district's current intranet, which is built on existing equipment which is currently being replaced. Lit service must leverage existing hardware infrastructure to maintain current district operation.

3. **Question:** Diversity is normally not covered by Erate funding, should a provider submit a single circuit from each remote school to a single NOC, is that out of scope ?



**Response:** Proposers should submit proposals that meet the requirements of the text in the RFP. Proposers should identify any E-Rate ineligible services.

4. **Question:** It was shared at the pre-bid site survey that the remote schools sites would need 4 circuits utilizing diverse conduits out of each school, however this is not documented within the RFP scope in section 2.02 ( C ) . Is the diversity specified for the NOC locations only ? 2.02 –A-02 “Intent of the fault tolerant WAN based on ring design, must have diverse paths that originate in both East NOC and West NOCs. Intent is that the diverse entries in the buildings are located in separate conduits, from different sides of the building.”

**Response:** This comment was intended to describe the connections needed for dark and self-provisions services to allow Aldine to get to 40 gig without the need to replace any equipment that will be used to light the fiber. Aldine intends to provide two additional 10 gig lasers beyond what the current projects are providing to get each site connection speed up to 40 gig.

The requirements stated in your question are the requirements for the individual sites diverse paths. The requirements for the diverse paths from NOC to NOC connections can be found in section 2.06, K (pasted below)

K. NOC Connectivity

01. The East and West NOC must be connected via 3 diverse fiber paths, as well as 3 separate entries. With 4-strands of fiber per diverse path.

5. **Question:** An extension has been denied and the design implications to achieve the bidding deadline requires as much of the 28 days possible to avoid a no-bid. Is it possible to assure these design questions 1-3 to be responded to in a 24 hour period?

**Response:** Questions 1-3 were answered, 12/16/16, no 24 hour responses will be guaranteed, because Aldine ISD will be on Holiday break from December 19' 2016 to January 2, 2017.

6. **Question:** Will Aldine ISD be evaluating all ERATE eligible services on a standalone basis or will not meeting non eligible E-rate components be sufficient to disqualify a bidder?

**Response:** Proposers should submit proposals that meet the requirements of the text in the RFP. Proposers should identify any E-Rate ineligible services.

7. **Question:** Can you provide an equipment list per site?

**Response:** Aldine ISD can provide a list of the current bandwidth levels for the locations that exist. Aldine ISD notes that the equipment is being replaced through a bond project that has just been awarded. See the Table attached to the end of this addendum.

8. **Question:** Can the existing fiber network, if available, be utilized as part of the new WAN?

**Response:** The existing fiber can be used if the fiber meets the specification of this RFP or can be brought up to the specification of this RFP before the completion of the project.

9. **Question:** Will each node (School) need a physical connection to both the East and West NOC?

**Response:** Yes: see section 2.02, A, 02 (pasted below)

Intent of the fault tolerant WAN based on ring design, must have diverse paths that originate in both East NOC and West NOCs. Intent is that the diverse entries in the buildings are located in separate conduits, from different sides of the building.

10. **Question:** Are any bonds required?

**Response:** Yes there are three bonds required see section 14.0 of the RFP for additional details (pasted below)



# ALDINE ISD

## PERFORMANCE AND PAYMENT BOND REQUIREMENTS

Requirements for bonds will be determined on a per-contract or per order basis after awarded vendor(s) have been established. No performance bond is required with the submission of proposals. The contractor shall furnish to the District prior to contract execution, the following bonds payable to the District:

Contractor shall not commence work until all required bonds and insurance coverages have been obtained and such insurance has been reviewed and approved by the District. Certificates of Insurance on the current ACORD form shall be issued to the District showing all required insurance coverages.

Construction, installation and service contracts (including repair and alteration) exceeding \$25,000 require that 100% Performance and Payment Bonds be furnished by the successful bidder (contractor). All such bids must include a 5% Bid Bond.

Non Construction and non-installation or service contracts exceeding \$25,000 require that a 100% Supply Bond be furnished by the successful bidder (contractor).

Bonds shall be issued by a company authorized to do business in the State of Texas with an A.M. Best Company rating of at least A- VIII and included on the U.S. Department of the Treasury Listing of Approved Sureties (Dept. Circular 570). The contractor shall absorb any and all costs of such Bonds.

Each of the above-described bonds shall be executed by the contractor and one corporate Surety authorized to do business in the State of Texas and acceptable to the District. The Surety shall designate an agent resident in Houston, Texas, to whom any requisite notices may be delivered and on whom service of process may be had in matters arising out of such surety-ship. The contractor shall be required to absorb any and all costs of said bonds.

ADDENDUM PREPARED BY Aldine ISD

**Sign and return this addendum to Aldine ISD within the RFP response as well as acknowledge the addendum in the space where indicated on the Attachment D. Failure to acknowledge receipt of this addendum will result in rejection of your response. Respondents may acknowledge receipt by one of the following methods:**

Authorized Signature \_\_\_\_\_

Business Entity Name: \_\_\_\_\_

**END OF ADDENDUM #2**

Aldine Independent School District						RFP: TS-WAN-01-Y20		
Table of Existing Sites current bandwidth levels								
Campus / Admin Facility Name	address	city	zip	postal_cd	Current bandwidth	Current NOC Connection	Max grade level	number of students
ALDINE H S	11101 AIRLINE DR	HOUSTON	77037	TX	20Gbps	East NOC	12	2557
ALDINE EDUCATION CENTER	1702 ALDINE BENDER	HOUSTON	77032	TX	20Gbps	East NOC	12	166
ALDINE MIDDLE	14908 ALDINE WESTFIELD RD	HOUSTON	77032	TX	1Gbps	East NOC	8	887
ALDINE NINTH GRADE SCHOOL	10650 NORTH FWY	HOUSTON	77037	TX	20Gbps	East NOC	9	800
ANDERSON ACADEMY	7401 WHEATLEY ST	HOUSTON	77088	TX	10Gbps	West NOC	3	647
BETHUNE ACADEMY	2500 SOUTH VICTORY DR	HOUSTON	77088	TX	10Gbps	West NOC	4	405
BLACK EL	160 MILLSTREAM	HOUSTON	77060	TX	1Gbps	East NOC	4	880
BUSSEY EL	11555 AIRLINE	HOUSTON	77037	TX	1Gbps	East NOC	4	1034
CALVERT EL	1925 MARVELL DR	HOUSTON	77032	TX	1Gbps	East NOC	4	673
CARAWAY INT	3031 ELLINGTON	HOUSTON	77088	TX	1Gbps	West NOC	6	812
CARMICHAEL EL	6902 SILVER STAR DR	HOUSTON	77086	TX	1Gbps	West NOC	4	918
CARROLL ACADEMY	423 WEST GULFBANK	HOUSTON	77037	TX	1Gbps	East NOC	4	1068
CARTER ACADEMY	3111 FALLBROOK DR	HOUSTON	77038	TX	1Gbps	West NOC	4	838
CARVER H S FOR APPLIED TECH/ENGINEERING/ARTS	2100 SOUTH VICTORY DR	HOUSTON	77088	TX	20Gbps	West NOC	12	926
CONLEY ELEMENTARY	3345 WEST GREENS RD	HOUSTON	77066	TX	1Gbps	West NOC	4	828
CYPRESSWOOD EL	14910 ALDINE WESTFIELD RD	HOUSTON	77032	TX	20Gbps	East NOC	4	925
DAVIS H S	12525 ELLA BLVD	HOUSTON	77067	TX	10Gbps	West NOC	10	2718
DAVIS NINTH GRADE	12211 ELLA BLVD	HOUSTON	77067	TX	10Gbps	West NOC	9	916
DE SANTIAGO EC/PRE-K CENTER	1420 ALDINE MEADOWS	HOUSTON	77032	TX	1Gbps	East NOC	PK	670
DREW ACADEMY	1910 WEST LITTLE YORK RD	HOUSTON	77091	TX	1Gbps	West NOC	8	568
DUNN EL	2003 WEST W THORNE DR	HOUSTON	77073	TX	1Gbps	East NOC	4	911
ECKERT INT	1430 ALDINE MEADOWS RD	HOUSTON	77032	TX	1Gbps	East NOC	6	849
EISENHOWER H S	7922 ANTOINE DR	HOUSTON	77088	TX	20Gbps	West NOC	12	2022
EISENHOWER NINTH GRADE SCHOOL (West NOC)	3550 WEST GULFBANK	HOUSTON	77088	TX	20Gbps	West NOC	9	584
ERMEL EL	7103 WOODSMAN TRL	HOUSTON	77040	TX	1Gbps	West NOC	4	745
ESCAMILLA INT	5241 EAST MT HOUSTON RD	HOUSTON	77093	TX	1Gbps	East NOC	6	1026
FRANCIS EL	14815 LEE RD	HOUSTON	77032	TX	1Gbps	East NOC	4	738
GARCIA-LEZA EC/PRE-K CENTER	5311 EAST MOUNT HOUSTON RD	HOUSTON	77093	TX	10Gbps	East NOC	PK	636
GOODMAN EL	9325 DEER TRL DR	HOUSTON	77088	TX	1Gbps	West NOC	4	724
GRANTHAM ACADEMY	13300 CHRISMAN RD	HOUSTON	77039	TX	10Gbps	East NOC	8	1056
GRAY EL	700 WEST RD	HOUSTON	77038	TX	1Gbps	West NOC	4	882
GREENSPPOINT ELEMENTARY	18028 CHISHOLM TRAIL	HOUSTON	77060	TX	20Gbps	East NOC	5	670
HALL EDUCATION CENTER	15014 ALDINE WESTFIELD	HOUSTON	77032	TX	20Gbps	East NOC	12	299
HAMBRICK MIDDLE	4600 ALDINE MAILROUTE	HOUSTON	77039	TX	1Gbps	East NOC	8	1062
HARRIS ACADEMY	3130 HOLDER FOREST DR	HOUSTON	77088	TX	1Gbps	West NOC	4	761
HILL INT	2625 WEST MOUNT HOUSTON	HOUSTON	77038	TX	1Gbps	West NOC	6	850
HINOJOSA EC/PRE-K CENTER	1620 LAUDER RD	HOUSTON	77039	TX	1Gbps	East NOC	PK	543
HOFFMAN MIDDLE	6101 WEST LITTLE YORK RD	HOUSTON	77091	TX	1Gbps	West NOC	8	1130
HOUSTON ACADEMY	8103 CARVER RD	HOUSTON	77088	TX	1Gbps	West NOC	6	642

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JOHNSON EL	5801 HAMILL RD	HOUSTON	77039	TX	10Gbps	East NOC	4	1011
JONES EC/PRE-K/KG CENTER	8003 FOREST POINT DR	HUMBLE	77338	TX	10Gbps	East NOC	KG	622
JONES EL	7903 FOREST POINT DR	HUMBLE	77338	TX	10Gbps	East NOC	4	851
KEEBLE EC/PRE-K CENTER	203 WEST GULFBANK RD	HOUSTON	77037	TX	1Gbps	East NOC	PK	868
KUJAWA EC/PRE-K CENTER	7111 FALLBROOK DR	HOUSTON	77086	TX	10Gbps	West NOC	PK	627
KUJAWA EL	7007 FALLBROOK DR	HOUSTON	77086	TX	1Gbps	West NOC	4	1006
LANE SCHOOL	2001 ALDINE BENDER RD	HOUSTON	77032	TX	1Gbps	East NOC	12	120
LEWIS MIDDLE	21255 WEST HARDY RD	HOUSTON	77073	TX	10Gbps	East NOC	8	963
MACARTHUR H S	4400 ALDINE MAILROUTE	HOUSTON	77039	TX	20Gbps	East NOC	12	3024
MACARTHUR NINTH GRADE SCHOOL	12111 GLOGER RD	HOUSTON	77039	TX	20Gbps	East NOC	9	1030
MAGRILL EL	21701 RAYFORD RD	HUMBLE	77338	TX	1Gbps	East NOC	4	761
MARCELLA INT	16250 COTILLION DR	HOUSTON	77060	TX	1Gbps	East NOC	6	761
MENDEL EL	3735 TOPPING ST	HOUSTON	77093	TX	1Gbps	East NOC	4	371
NIMITZ H S	2005 WEST W THORNE DR	HOUSTON	77073	TX	20Gbps	East NOC	12	1942
NIMITZ NINTH GRADE SCHOOL	2425 WEST W THORNE DR	HOUSTON	77073	TX	20Gbps	East NOC	9	696
ODOM EL	14701 HENRY RD	HOUSTON	77060	TX	1Gbps	East NOC	4	852
OLESON EL	12345 VICKERY ST	HOUSTON	77039	TX	1Gbps	East NOC	4	1025
ORANGE GROVE EL	4514 MOUNT HOUSTON RD	HOUSTON	77093	TX	1Gbps	East NOC	4	896
PARKER INT	19850 EAST HARDY RD	HOUSTON	77073	TX	1Gbps	East NOC	6	1012
PLUMMER MIDDLE	11429 SPEARS GEARS RD	HOUSTON	77067	TX	1Gbps	West NOC	8	1029
RAYFORD INT	21919 RAYFORD RD	HUMBLE	77338	TX	10Gbps	East NOC	6	803
RAYMOND ACADEMY	1605 CONNORVALE RD	HOUSTON	77039	TX	10Gbps	East NOC	4	1005
REECE ACADEMY	2223 ESTHER ST	HOUSTON	77088	TX	1Gbps	West NOC	KG	506
REED ACADEMY	1616 LAUDER RD	HOUSTON	77039	TX	1Gbps	East NOC	6	973
SAMMONS EL	2301 FRICK RD	HOUSTON	77038	TX	1Gbps	West NOC	4	851
SHOTWELL MIDDLE	6515 TRL VLY WAY	HOUSTON	77086	TX	10Gbps	West NOC	8	1109
SMITH ACADEMY	5815 WEST LITTLE YORK RD	HOUSTON	77091	TX	10Gbps	West NOC	4	592
SPENCE EL	1300 GEARS RD	HOUSTON	77067	TX	1Gbps	West NOC	4	669
STEHLIK INT	400 WEST RD	HOUSTON	77038	TX	1Gbps	West NOC	6	1020
STEPHENS EL	2402 ALDINE MAIL ROUTE RD	HOUSTON	77039	TX	1Gbps	East NOC	4	976
STOVALL ACADEMY	3025 ELLINGTON	HOUSTON	77088	TX	1Gbps	West NOC	4	678
STOVALL MIDDLE	11201 AIRLINE DR	HOUSTON	77037	TX	1Gbps	East NOC	8	1014
TEAGUE MIDDLE	21700 RAYFORD RD	HUMBLE	77338	TX	10Gbps	East NOC	9	1050
THOMPSON EL	220 CASA GRANDE DR	HOUSTON	77060	TX	1Gbps	East NOC	4	856
VICTORY EARLY COLLEGE H S	2330 SOUTH VICTORY ST	HOUSTON	77088	TX	1Gbps	East NOC	12	432
VINES EC/PRE-K CENTER	7220 INWOOD PARK DR	HOUSTON	77088	TX	1Gbps	West NOC	PK	552
WILSON INT	3131 FALLBROOK DR	HOUSTON	77038	TX	1Gbps	West NOC	6	1007
WORSHAM EL	3007 HARTWICK RD	HOUSTON	77093	TX	10Gbps	East NOC	4	936

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<b>Table of Existing Sites current bandwidth levels</b>								
Campus / Admin Facility Name	address	city	zip	postal_cd	Current bandwidth	Current NOC Connection	Max grade level	number of students
<b>Current Administration locations:</b>								
Donaldson Administration Building	2520 W.W. Thorne Blvd.	Houston	77073	TX	20Gbps	East NOC		
Special Education Building	15010 Aldine Westfield Road	Houston	77032	TX	1Gbps	East NOC		
Donaldson Administrative Annex (East NOC)	1617 Lauder Rd.	Houston	77039	TX	1Gbps	East NOC		
Tax Office and Heritage Museum	14909 Aldine Westfield Road	Houston	77032	TX	1Gbps	East NOC		
Child Nutrition Center	1802 Aldine Bender	Houston	77032	TX	20Gbps	East NOC		
Campbell Education Center	1865 Aldine Bender	Houston	77032	TX	1Gbps	East NOC		
Operations Dept/Central Office	14910 Aldine Westfield Road	Houston	77032	TX	1Gbps	East NOC		
Maintenance/Police Dept	2114 Aldine Meadows	Houston	77032	TX	1Gbps	East NOC		
Resource & Staff Development Ctr (Preferred new location of NOC West)	9999 Veterans Memorial Dr.	Houston	77038	TX	10Gbps	West NOC		
Westside Transportation Facility	9900 Antoine	Houston	77088	TX	20Gbps	West NOC		