Questions Received and Responses

1. Is splicing required between existing and the new fiber cable the existing hand hole at Station Marker 717, or will AT&T do any required splicing?

**SHSU Response:** No splicing is required. Only the pulling of fiber from station marker 717’ to station marker 0’ is included in the scope.

2. Alternate Number One (as originally published) calls for installing 300’ of fiber cable from the AT&T POP to the club house in existing conduit. I interpret this to mean that the 300 feet of cable (in addition to the 717 feet) is pulled in the existing 2” conduit from the Station Marker 0 hand hole to the club house. A fiber pig tail is provided thru the cut opening in the existing 2” conduit for splicing to the fiber from Station Marker 717.

**SHSU Response:** The intent of Alternate One is to pull 300’ of fiber from Station Marker 0 through pre-existing conduit into the club house. No fiber termination is required, only the manual labor of pulling the fiber.

3. Is the intent of Alternate One to bring fiber service to the club house?

**SHSU Response:** The intent of Alternate One is to pull 300’ of fiber from Station Marker 0 through pre-existing conduit into the club house. No fiber termination is required, only the manual labor of pulling the fiber.

4. Is splicing required in the hand hole at Station Marker 0? If not part of this bid, we will be glad to help you with any splicing after this project is finished.

**SHSU Response:** No splicing is required.
5. In Paragraph 2.0 under “Basic Job” at Station Marker 162, excavation is mention. Is the entire 717 feet required to be bored?

**SHSU Response:** From station marker 717’ to station marker 380’ will need to be bored and a hand hole installed, per the required material. Then from station marker 380’ to station marker 16’ the path will need to be bored or trenched with a new hand hole installed at Station Marker 0. The path between Station Marker 0 and Station Marker 16 is required to be bored. Any disturbed earth must be returned to original condition.

The following questions and comments were asked at the pre-bid and are included for further clarification.

1. The fiber that will be supplied by SHSU and pulled into the inner duct is 24 strand fiber.
2. Will the conduit need to be plugged?
   - All joints and pipes shall be glued, with each conduit being plugged at every access point.
3. Are vendors providing inner duct with locate wire?
   - Vendors will supply all other material used including a locatable copper wire, 18 gauge minimum, which will be pulled with the fiber. If the inner duct has locatable wire already installed that will suffice.
4. Per City of Huntsville-the pipe being supplied is Schedule 40 pipe, gray electrical pipe in 10’ joints.
5. Start date for the project is 12.11.12 with 12.21.12 as completion date. Project is to be signed off on no later than 12.21.12.
6. A question was asked about the hand holes.
   - Hand holes are to be exactly what is specified in the bid packet. They are to be double lid; 2” above ground level, not traffic rated, that state “Communication” on the lid. There is to be a minimum of 4” of pea gravel in the bottom of the hand hole. All conduit and fiber should enter the hand hole from the side NOT from the bottom.
7. The depth at the creek is to be 36” min. depth. Contractor is to provide enough depth to account for future erosion.
8. There are to be no permits pulled as long as the work involved is performed on SHSU property.
9. Water supply: Per City of Huntsville, contact Kyle Matthews Water Superintendent at 936-294-5733, city will provide fire hydrant for job.
10. All utilities will need to be located and are the responsibility of the contractor to make the appropriate phone call to have the utilities located. (Note that all work will be conducted inside the wooden fence on Raven’s Nest Property.
11. Landscape and grass must be back to original state. SHSU is well aware that only rye grass will grow in winter months.
12. Alternates 2 and 3 have been added to Bid Sheet to address the pitch and angle of creek bed.
Basic Job and Alternates have been clarified based on information listed in Addendum 1 and 2.

**BASIC JOB:** Cost to include the installation of Schedule 40 pipe containing three 1.25” inner duct (Each inner duct should contain a pull string. The schedule 40 pipe and fiber will be supplied by SHSU/COH. All other materials will be provided by contractor.) from station marker 717’ to station marker 0’.
Contractor provided hand holes will be installed at station marker 380’ and station marker 0’. All hand holes shall contain 4” of pea gravel. All conduit shall enter hand holes from the appropriate side.
Contractor shall bore from station marker 717’ to station marker 380’ and from station marker 16’ to station marker 0’. All other installation can be bored or trenched. All disturbed earth must be returned to original condition.

**ALTERNATE NUMBER ONE:** Cost to pull fiber including running cable from STATION Marker 0 to Raven’s Nest club house approx. 300’ using existing conduit. Exclusions: phones, switch, data lines, etc.

**ALTERNATE NUMBER TWO:** Cost to include the use of 4 inch roll pipe from station marker 717’ to station marker 380’ where new hand hole will be installed. Inside roll pipe, 3-1” inner ducts will be installed. All material from station marker 717’ to station marker 380’ will be supplied by contractor. Schedule 40 pipe from the city will be used from station marker 380’ to station marker 0’. From station marker 380’ to station marker 16’, the path will need to be bored or trenched. From station marker 16’ to station marker 0, the path will need to be bored with a new hand hole placed at station marker 0. Any disturbed earth must be returned to original condition from station marker 380’ to station marker 16’ along with any other earth disturbed during the project.

**ALTERNATE NUMBER THREE:** Cost to include the use of 3-1.25” heavy duty inner duct(with locate wire for fiber) to be installed from station marker 717’ to station marker 380’ (no 4” conduit) where new hand hole will be installed. All material from station marker 717’ to station marker 380’ will be supplied by contractor. Schedule 40 pipe from the city will be used from station marker 380’ to station marker 0’. From station marker 380’ to station marker 16’, the path will need to be bored or trenched. From station marker 16’ to station marker 0, the path will need to be bored with a new hand hole placed at station marker 0. Any disturbed earth must be returned to original condition.

**VENDOR MUST USE THE REVISED BID SHEET #2 WHEN SUBMITTING BID PACKET OR BID WILL BE INVALID. AND MUST MAKE NOTE OF RECEIVING ADDENDUM ONE AND ADDENDUM TWO IN BID PACKET.**
SHSU is requesting contractors to submit a price for the Basic Job as described in the specifications and pricing one (1) alternate. Award will be made based on the lowest price for the Basic Job that meet or exceeds the specification.

**PRICING:**

**BASIC JOB:** Price to include the installation of Schedule 40 pipe containing three 1.25” inner duct (Each inner duct should contain a pull string. The schedule 40 pipe and fiber will be supplied by SHSU/COH. All other materials will be provided by contractor.) from station marker 717’ to station marker 0’. Contractor provided hand holes will be installed at station marker 380’ and station marker 0’. All hand holes shall contain 4” of pea gravel. All conduit shall enter hand holes from the appropriate side. Contractor shall bore from station marker 717’ to station marker 380’ and from station marker 16’ to station marker 0’. All other installation can be bored or trenched. All disturbed earth must be returned to original condition.

**ALTERNATE NUMBER ONE:** Cost to pull fiber including running cable from **STATION Marker 0** to Raven’s Nest Club House, approximately 300’, using existing conduit

**ALTERNATE NUMBER TWO:** Price to include the use of 4 inch roll pipe from station marker 717’ to station marker 380’ where new hand hole will be installed. Inside roll pipe, 3-1” inner ducts will be installed. All material from station marker 717’ to station marker 380’ will be supplied by contractor. Schedule 40 pipe from the city will be used from station marker 380’ to station marker 0’. From station marker 380’ to station marker 16’, the path will need to be bored or trenched. From station marker 16’ to station marker 0, the path will need to be bored with a new hand hole placed at station marker 0. Any disturbed earth must be returned to original condition from station marker 380’ to station marker 16’ along with any other earth disturbed during the project.

**ALTERNATE NUMBER THREE:** Price to include the use of 3-1.25” heavy duty inner duct (with locate wire for fiber) to be installed from station marker 717’ to station marker 380’ (no 4” conduit) where new hand hole will be installed. All material from station marker 717’ to station marker 380’ will be supplied by contractor. Schedule 40 pipe from the city will be used from station marker 380’ to station
From station marker 380’ to station marker 16’, the path will need to be bored or trenched. From station marker 16’ to station marker 0, the path will need to be bored with a new hand hole placed at station marker 0. Any disturbed earth must be returned to original condition.

ATTACHMENTS:
--Sam Houston State University Terms & Conditions, Four (4) pages
--Instructions & Specifications, six (6) pages
--Pictures, three (3) pages (Attachment #1).

**Fill out all designated areas on the upper portion of the previous page, the upper portion of this and the next page, and each page of SHSU’s Terms & Conditions and return.**

**Complete all requested information below and return at the time bid is submitted.**

**Vendor is responsible for insuring the legibility of their response.**

**Faxed bids are acceptable at 936-294-1997.**

Contractor/Vendor shall provide the following information as required when submitting their bid.

References (Specifications 2.0.c, page 4)

Contractor shall provide three (3) references for similar work performed within the last two (2) years.

NAME: ________________________________

ADDRESS: ________________________________

PHONE NUMBER: _____________________

CONTACT: ________________________________