SCOPE and CLASSIFICATION

1.1 **Scope:** This Invitation to Bid (ITB) is to construct two new diverse routes and place two new fiber optic entry cables from two existing fiber optic cable systems into the Clarence D. Lumpkin Pride Center located at 1410 Cleveland Avenue (hereafter referred to simply as the "Pride Center"). These new fiber optic cables will allow the Mayor's Office to place the pride center and the 311 call center onto City provided services by creating the capability to bi-directionally serve this facility from two different data centers over two different totally diverse fiber optic routes.

1.2 This document along with the accompanying "General Specifications" document will be the Specifications Section of the legal binding contract that the winning bidder will be required to perform too.

2 Bid Award Exclusions

2.1 In an effort to be fiscally responsible to the Citizens of Columbus should the City fail to receive two or more competitive bids the City reserves the right to rebid this project.

2.2 The City engineer upon preparing this bid has determined an expected budget amount for this project. If all of the bids received are ten percent or higher than the expected budget amount for this project the City reserves the right to withdrawal the project.

3 Construction Details

3.1 Primary Route Preparation

3.1.1 From MELP utility pole # 105173 located on the east side of Cleveland Avenue across from Bonham Avenue (on the west side of Cleveland Avenue), north to MELP utility pole # 105174 located on the southeast corner of Cleveland Avenue and Bonham Avenue (on the east side of Cleveland Avenue) Contractor will remove an existing City owned multi-pair copper cable and the steel strand on which it's hanging (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1).

3.1.2 From MELP utility pole # 105174 located on the southeast corner of Cleveland Avenue and Bonham Avenue (on the east side of Cleveland Avenue), east to MELP utility pole # 118811 located on the northwest corner of Bonham Avenue and St. Clair Avenue Contractor will remove an existing City owned multi-pair copper cable and the steel strand on which it's hanging (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1). Note: this strand crosses from the south side of Bonham Avenue on MELP utility pole # 105177 to the north side of Bonham Avenue on MELP utility pole # 118817.

3.1.3 From MELP utility pole # 118811 located on the northwest corner of Bonham Avenue and St. Clair Avenue, north to MELP utility pole # 105186 located on the west side of St. Clair Avenue on the utility easement between E. Eleventh Avenue and McClelland Avenue, Contractor will remove an existing City owned multi-pair copper cable and the steel strand on which it's hanging (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1).

3.1.4 The City will work with the successful bidder on-site to identify the cables to be removed prior to the cutting or removal of any cables.

3.1.5 The size and condition of City's existing multi-pair copper phone cable has not been confirmed and may vary at different junction points throughout the run.

3.1.6 The remaining cable(s) that run south on Cleveland Avenue, the remaining cable(s) that run north on St. Clair Avenue and any junction cables that might remain at any poles after the removal of the main cables will be cut off leaving as much tail as possible for future identification and use. These remaining cables will be properly secured on the end poles to preserve pole positions and will be tagged with any prior "Support Services" or "Communications" cable tags that may have been on them and a new yellow "Cable Interconnect Section" snap-on wrap-around tag secured to the cable. Their locations will be noted and passed on to the Engineer for map updating.

3.1.7 The removal and disposal of the multi-pair copper cables, old steel strand and any old pole hardware items will be considered as an incidental part of this job and will be done at the Contractors expense.

3.2 **Pad Mounted Cabinet**

3.2.1 Contractor will place a new contractor supplied street-side above ground Corning OCC-080-G Pad Mount 80" rack enclosed cabinet in the right-of-way on the northwest corner of Bonham Avenue just east of MELP utility pole # 114991 (see "Pedestal and Conduits Placement on Bonham at Cleveland Map", Exhibit #2). The cabinet shall be oriented such that the front door of the cabinet will open towards the south, towards Bonham Avenue and the back of the cabinet will be facing the building to the north.

3.2.2 Contractor will form a concrete pad to be sized at least eight inches (8") wider and longer that the cabinet's footprint and set to a minimum depth of eighteen inches (18") below grade. The top of the pad shall extend six inches (6") above grade. Contractor will securely set the new contractor supplied Corning OCC-080-G Pad Mount 80" rack enclosed cabinet, PAD-OCC-CSS-02 and PAD-OCC-EXT-02 to the cement pad per the manufacturer's recommended mounting instructions.

3.2.3 Contractor will form a two foot (2') wide, eight inch (8") deep cement work-pad the same length as the cabinet pad in front of and behind the cabinet. Work pads will extend one inch (1") above grade.

3.2.4 Contractor will install four (4) each six inch (6") steel bollards placed in the pad to provide protection to the cabinet from errant vehicular traffic. Bollards shall be anchored 36" into the ground, protruding 48" above grade and shall be poured with concrete, fitted with vinyl yellow covers and when installed shall not interfere with the operation of or workability within the cabinet.

3.3 **Conduit Connections to the New Pad Mounted Cabinet on Bonham at Cleveland Avenue**

3.3.1 Contractor will design engineer a route and will place into that route a new four inch (4") PVC Schedule 40 conduit from inside the new Pad Mounted Cabinet set in Section 3.2 above to the AT&T manhole MH.1356 on Cleveland Avenue at the alley south of Bonham (see "Pedestal and Conduits Placement on Bonham at Cleveland Map", Exhibit #2). Entry into this manhole will be made and finished per the manhole owners specifications. Contractor will place the necessary number, size and type of innerducts into each conduit as required per the General Specifications Document. Contractor will not invoice the City for this work until the City receives a letter of acceptance from both of the manhole owners for the work performed.

3.3.2 Contractor will design engineer a route and will place into that route a new four inch (4") PVC Schedule 40 conduit from inside the new Pad Mounted Cabinet set in Section 3.2 above, west to intercept an existing conduit running south out of the South Linden Police Substation #5 (see "Pedestal and Conduits Placement on Bonham at Cleveland Map", Exhibit #2). At the intercept point Contractor will place over it and the new 4" Contractor placed conduit a new Contractor

supplied and placed 32" round manhole. Within this new Contractor supplied and placed manhole Contractor will "*carefully*" open and remove a section of this intercepted conduit without damaging the fiber optic cable contained within it and finish the two newly created ends to protect the existing cable from the ends of the newly opened conduit. This manhole and conduit will be constructed, placed and prepped per industry standards and the specific specifications as outlined in the accompanying "General Specifications" document. Contractor will place the necessary number, size and type of innerducts into each conduit as required per the General Specifications Document. This new conduit will be placed to maintain the correct down grade to the manhole to prevent water migration into the cabinet.

3.3.3 Contractor will design engineer a route and will place into that route two new four inch (4") PVC Schedule 40 conduits from inside the new Pad Mounted Cabinet set in Section 3.2 above to MELP utility pole # 114991 located on the northwest corner of Cleveland Avenue and Bonham Avenue (on the west side of Cleveland Avenue) where it will enter a sweeping four inch (4") ninety degree steel elbow riser (see "Pedestal and Conduits Placement on Bonham at Cleveland Map", Exhibit #2). These risers will extend up the pole a minimum of at least eight feet (8') above sidewalk level and will be secured to the pole in at least three places along there length. These risers will be constructed per the specifications in the conduit and riser sections below and as directed by MELP Engineering regarding the pole contact. If there are any conflicts between the specifications listed in this bid and those determined by MELP Engineering Contractor will defer to the MELP Engineering specifications. Contractor will supply and place new Contractor supplied innerducts into each new riser per the "General Specification" document.

3.4 **Primary Route Construction**

3.4.1 Contractor will slack span a new contractor supplied 5/16" steel strand from the current City position on the MELP utility pole # 114991 located on the northwest corner of Cleveland Avenue and Bonham Avenue (on the west side of Cleveland Avenue), east across Cleveland Avenue to the position on the MELP utility pole # 105173 located on the east side of Cleveland Avenue where the old multi-pair copper and strand were removed above in Section 3.1. (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1).

3.4.2 From MELP utility pole # 105173 located on the east side of Cleveland Avenue across from Bonham Avenue (on the west side of Cleveland Avenue), north to MELP utility pole # 105174 located on the southeast corner of Cleveland Avenue and Bonham Avenue (on the east side of Cleveland Avenue), Contractor will hang a new contractor supplied 5/16" steel strand in the same position that the Contractor previously removed the old cable and strand in Section 3.1 above (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1).

3.4.3 From MELP utility pole # 105174 located on the southeast corner of Cleveland Avenue and Bonham Avenue (on the east side of Cleveland Avenue), east to MELP utility pole # 118811 located on the northwest corner of Bonham Avenue and St. Clair Avenue, Contractor will hang a new contractor supplied 5/16" steel strand in the same position that the Contractor previously removed the old cable and strand in Section 3.1 above (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1).

3.4.4 From MELP utility pole # 118811 located on the northwest corner of Bonham Avenue and St. Clair Avenue, north to MELP utility pole # 105186 located on the west side of St. Clair Avenue on the utility easement between E. Eleventh Avenue and McClelland Avenue, Contractor will hang a new contractor supplied 5/16" steel strand in the same position that the Contractor previously removed the old cable and strand in Section 3.1 above (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1).

3.4.5 From MELP utility pole # 105186 located on the west side of St. Clair Avenue on the utility easement between E. Eleventh Avenue and McClelland Avenue west in the utility easement between the properties to the last MELP utility pole # 112918 in the easement, Contractor will hang a new contractor supplied 5/16" steel strand (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1).

3.5 **Primary Route Cable Construction**

3.5.1 Contractor will mount a new Contractor supplied Liebert Foundation Wall Mount Cabinet (hereafter referred to as "the Liebert cabinet") (Liebert model # 202637G2) inside of the mechanical room in the Pride Center as directed by the Engineer. This cabinet will be properly mounted according to industry standards to support its fully loaded weight per manufacturer's specifications when fully opened from the rear hinge and be mounted so as to be convenient, secure and out of the way of existing entry ways, access points and operational systems and controls through its full range of motion from closed to fully opened.

3.5.2 Within this new Liebert cabinet Contractor will mount a new Contractor supplied "Closet Connector Housings" (hereafter referred to as an "LIU") (Corning type CCH-02U). This new LIU will be installed with the front patch side of the box facing the front of the Liebert cabinet and be mounted in the rack in the first space in top of the rack to become LIU #1. This new LIU will be supplied with two (2 ea.) new Contractor supplied Corning twenty-four port LC-APC connector module inserts. Contractor will place onto the first insert (A) a new Contractor supplied loose buffer outdoor rated 24 strand singlemode pre-terminated, factory polished duplex LC-APC fiber optic pigtail cable. This new pigtail cable will be pulled from the new LIU in the new Liebert cabinet through an existing empty conduit on the floor of the east wall of the mechanical room out of the building east to MELP utility pole # 112918 located due east of the building where the Contractor previously ended a new 5/16" steel strand. From here this pigtail cable will rise up this pole using the proper construction materials and techniques as detailed in the accompanying "General Construction" document and continuing east, being dual lashed as a single uninterrupted piece to MELP utility pole # 105186 located on the west side of St. Clair Avenue at the east end of this utility easement where the pigtail cable will turn south (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1).

3.5.3 Contractor will leave an additional thirty feet (30') service loop slack coiled in the mechanical room in the Pride Center placed so as to be convenient, secure and out of the way of existing entry ways, access points and operational systems and controls.

3.5.4 Contractor will leave a one hundred foot (100') aerial slack span somewhere on the pole line between MELP utility pole # 112918 and MELP utility pole # 105186 to accommodate normal routine maintenance.

3.5.5 Within the first pole span south of MELP utility pole # 105186 Contractor will fusion splice in a new Contractor supplied Preformed Line Coyote style splice case matching fiber-to-fiber per the EIA/TIA color code the first six fibers (blue, orange, green, brown, slate and white) of the blue buffer tube of the pigtail cable to the first six fibers (blue, orange, green, brown, slate and white) of the blue buffer tube in a new Contractor supplied loose buffer outdoor rated 288 strand singlemode fiber optic cable (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1 and "St. Clair Avenue Pride Center Splice Drawing, Exhibit #7). This new contractor supplied Preformed Line Coyote splice case will be sized to accommodate this 24 strand fiber optic pigtail cable and the new 288 strand fiber optic cable being spliced into this case, plus one additional 24 strand and one additional 288 strand fiber optic cable to be added at a future time.

3.5.6 This new Contractor supplied loose buffer outdoor rated 288 strand singlemode fiber optic cable that was spliced above will be dual lashed as a continuous piece from this splice case onto the new 5/16" steel strand that the Contractor hung on St. Clair Avenue, south to Bonham Avenue, east to Cleveland Avenue where it will cross west and continue south to end in an existing splice case hanging south of MELP utility pole # 114991 on the west side of Cleveland Avenue south of Bonham Avenue (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1).

3.5.7 Due to the likelihood of additional road work being done in this area in the future Contractor will leave a one hundred foot (100') aerial slack span on St. Clair Avenue, a one hundred foot (100') aerial slack span on Bonham Avenue and a one hundred foot (100') aerial slack span on Cleveland Avenue.

3.5.8 Into the new Pad Mounted Cabinet set in Section 3.2 above Contractor will mount two (2 ea.) new Contractor supplied Corning LIU's (Corning type CCH-04U). These new LIU's will be installed facing south in the top left side of the cabinet in left position one to become LIU #1 and in left position two to become LIU #2. These new LIU's will each be supplied with a new Contractor supplied 288 strand singlemode pre-terminated, factory polished connectorized Corning Altos loose-tube outdoor rated fiber optic pigtail cable installed on twelve (12 ea.) new Contractor supplied duplex 24 port LC-APC insert modules (slots A through M). These new 288 strand fiber optic pigtail cables will be run out of the pedestal in one of the new innerducts in one of the new Contractor placed 4" conduits east to the new Contractor placed riser on MELP utility pole # 114991 located just east of the pedestal on the northwest corner of Bonham and Cleveland Avenues (see "Lumpkin Pride Center Primary Route Wreck & Replace Detail Map", Exhibit #1). Here they will rise up and continue aerially to the south being dual over-lashed as a continuous single pieces onto the existing strand on the west side of Cleveland Avenue, one pole span to an existing splice case hanging south of MELP utility pole # 114991 on the west side of Cleveland Avenue south of Bonham Avenue where they will be fusion spliced matching buffer-to-buffer, fiber-to-fiber per the EIA/TIA color code to the existing 288 strand fiber optic pigtail cable than enters this splice case from the south and to the new 288 strand fiber optic pigtail cable than the Contractor placed to this splice case from the north. The existing cable coming from the south will be fusion spliced to the pigtail cable coming from LIU #1 and the new cable that was placed coming from the north will be fusion spliced to the pigtail cable coming from LIU #2. ***Note***: The existing 288 strand cable coming from the south is carrying critical City services and can only be opened during prescheduled maintenance periods that only occur on the third weekend each month, starting at 19:00 Friday and ending no later than 07:00 Monday.

3.5.9 If the Contractor feels that the existing splice case is under-rated for the number of cables or splices being contained within it the Contractor will replace it with a new Contractor supplied Preformed Line Coyote style splice case of sufficient size.

3.6 Linden Police Substation Cable Reconstruction

3.6.1 Currently contained within this same existing splice case hanging south of MELP utility pole # 114991 on the west side of Cleveland Avenue south of Bonham Avenue is an existing 12 strand fiber optic cable that comes from the South Linden Police Substation #5. This 12 strand cable will be removed from the splice case and kept intact as a single piece, being de-lashed from the existing strand back across Bonham Avenue to the north and then back across Bonham Avenue southwest to the riser on AEP Pole # X-1864678, Y-726186 where it will be carefully pulled back into the new Contractor placed manhole that was set over the intercepted conduit west of the cabinet. As much slack as possible after splicing (up to fifty feet) will be kept on this cable and coiled in the manhole. Here it will be fusion spliced inside of a new Contractor supplied Preformed Line Coyote style splice case of sufficient size, matching fiber-to-fiber (per the EIA/TIA color code)

to the blue buffer in a new Contractor supplied 24 strand singlemode pre-terminated, factory polished connectorized Corning Altos loose-tube outdoor rated fiber optic pigtail cable that will be pulled through one of the new Contractor placed innerducts in the new Contractor placed 4" conduit coming into this manhole from the new Pad Mounted Cabinet set in Section 3.2 above. This new Contractor supplied 24 strand singlemode pre-terminated, factory polished connectorized Corning Altos loose-tube outdoor rated fiber optic pigtail cable will be installed within the pedestal on a new Contractor supplied duplex 24 port LC-APC insert module in the first slot (slot A) of a new Contractor supplied and mounted LIU (Corning type CCH-04U). This new LIU will be installed facing south on the top right side of the cabinet in position one on the right to become LIU #5.

Note: This existing 12 strand cable is carrying critical City services and can only be opened during prescheduled maintenance periods that only occur on the third weekend each month, starting at 19:00 Friday and ending no later than 07:00 Monday. Further being as it is carrying critical service it along with the 288 strand cable coming from the south must be completed within the new pedestal prior to the end of the same maintenance weekend.

3.6.2 All splices will be contained within Preformed Line splice trays specifically manufactured for these cases for that purpose. Contractor will ensure that as much slack as possible will be maintained in these cables after completion of this job for future splice-work at these locations.

3.6.3 The newly vacated conduct running south under Bonham Avenue will be cleaned and proofed as per the conduit cleaning specifications detailed in the General Specifications Document for use in the next section of this bid.

3.7 **CTSS Cable Construction**

3.7.1 In order to adequately protect the next new cable installation the exposed above ground portion of the riser on AEP Pole # X-1864678, Y-726186 located on the south side of Bonham Avenue will be reconstructed to meet the standards as detailed in the General Specifications document. This may involve some underground excavation at the pole base as determined by field investigation of the existing riser by the Contractor. Any required excavations will be considered an incidental part of this job and will be done at the Contractors expense.

3.7.2 Into the new Pad Mounted Cabinet set in Section 3.2 above Contractor will mount a new Contractor supplied Corning LIU's (Corning type CCH-04U). This new LIU will be installed facing south in the left side of the cabinet in next position down (position three) to become LIU #3. This new LIU will be supplied with a new Contractor supplied 288 strand singlemode pre-terminated, factory polished connectorized Corning Altos loose-tube outdoor rated fiber optic pigtail cable installed on twelve (12 ea.) new Contractor supplied duplex 24 port LC-APC insert modules (slots A through M). This new 288 strand fiber optic pigtail cable will be run out of the cabinet in one of the new innerducts in the new Contractor placed 4" conduit west to the new Contractor placed manhole that was set over the intercepted conduit west of the cabinet (see "CTSS & COTA / BRIT Connections on Bonham Map", Exhibit #3) where it will continue being pulled as a single piece through the newly vacated conduit south under Bonham Avenue to the newly renovated riser on AEP Pole # X-1864678, Y-726186. Here it will be will rise up the reconstructed riser and turn aerially to the west to a newly placed CTSS fiber optic cable slack coil that is being placed there as a part of the CTSS Phase 'D' project where it will be fusion spliced in a new contractor supplied Preformed Line Coyote splice case that will be sized to accommodate this 288 strand fiber optic cable, the existing CTSS 144 strand cable being cut into within this case, and an additional 144 strand fiber optic cable to be added below.

At this new Contractor supplied splice case Contractor will open the jacket of the 144 strand Traffic CTSS fiber optic cable and will fusion splice inside of this new Contractor supplied splice case the second half of the 144 strand CTSS fiber optic cable to the first half of the new 288 strand cable. Contractor will *only* cut the second 72 strands of the 144 strand fiber optic cable, *leaving the first 72 strands of this cable uncut and undisturbed* in the new splice case. The uncut *strands to be left intact* will be in the Blue, Orange, Green, Brown, Slate and White buffer tubes. All uncut buffer tubes will be contained within Preformed Line splice case coiled and protected as specified by the manufactured for that case, for that purpose.

The remaining 72 fibers that *will be cut and spliced* in the 144 strand CTSS cable will be in the second six buffer tubes (Red, Black, Yellow, Violet, Rose and Aqua). These fibers will be spliced to the first twelve buffer tubes (Blue, Orange, Green, Brown, Slate and White) in the new 288 strand fiber optic pigtail cable that was pulled to this case from the new Pad Mounted Cabinet (see "CTSS Spice Case Detail" Exhibit #5) to be supplied to the awarded contractor at time of construction), effectively creating two new 72 strand routes going west and south out of the new splice case. *Note*: This connection is dependent upon CTSS Phase 'D' construction so there could be a delay in completing this connection until Traffic Engineering places and accepts this section of their construction project. The remaining twelve buffer tubes in the new 288 strand fiber optic cable (144 strands) will be spliced to a new 144 strand fiber optic cable as described in the next section of this bid. All splices will be contained within Preformed Line splice trays specifically manufactured for that case for that purpose. Contractor will ensure that as much slack as possible will be maintained in these cables after completion of this job for future splice-work at this location.

3.7.3 Contractor will coil fifty feet (50') of slack cable in the intercept manhole to accommodate any future splicing needs.

3.7.4 Beyond the extra slack left for the splice at this location Contractor will leave an additional one hundred foot (100') slack span in the aerial portion of this run to accommodate normal routine maintenance.

3.8 **BRIT Cable Construction**

3.8.1 Into the new Contractor supplied splice case that was hung in the previous section on the CTSS cable west of AEP Pole # X-1864678, Y-726186 Contractor will fusion splice a new Contractor supplied 144 strand fiber optic cable to the remaining twelve buffer tubes of the new 288 strand fiber optic cable coming from the new Contractor placed pedestal that were left un-spliced in the previous section of this bid (see "COTA / BRIT Spice Case Detail" Exhibit #6) to be supplied to the awarded contractor at time of construction). This new 144 strand fiber optic cable will be run out of this splice case west, being dual over-lashed onto an existing CTSS 144 strand fiber optic cable that is being placed by the CTSS Phase 'D' project, to MELP pole #105229 where it will turn north on Kingry Street and continue being dual over-lashed as a single piece across E. Eleventh Avenue to AEP utility pole #X-1864494, Y-726657. (*Note*: Hanging this cable is dependent upon CTSS Phase 'D' construction so there could be a delay in completing this cable placement until Traffic Engineering places and accepts this section of their construction project.) Here it will turn east and continue being dual over-lashed as a single piece over an existing 144 strand CTSS cable to an existing COTA / BRIT splice case hanging at the intersection of E. Eleventh Avenue and Jefferson Avenue (see "CTSS & COTA / BRIT Connections on Bonham Map", Exhibit #3). Here the Contractor will open the existing COTA / BRIT splice case and fusion spliced in the new 144 strand fiber optic cable to the existing COTA/BRIT 144 strand cable as shown in "COTA / BRIT Splice Case Detail" (Exhibit #6) to be supplied to the awarded contractor at time of construction. Contractor will *only* cut and splice the buffer tubes and fibers called out in this bid detail, *leaving* the other splices, fibers and buffer tubes in the splice case secured *uncut and undisturbed*.

3.8.2 If the Contractor feels that the existing splice case is under-rated for the number of cables or splices being contained within it the Contractor will replace it with a new Contractor supplied Preformed Line Coyote style splice case of sufficient size.

3.8.3 All splices will be contained within splice trays specifically manufactured for that case for that purpose.

3.8.4 Contractor will leave a one hundred and fifty foot (150') aerial slack span somewhere on the pole line on the north side of E. Eleventh Avenue and a one hundred and fifty foot (150') aerial slack span somewhere on the pole line on either Bonham near Kingry or on the pole line on Kingry near Bonham to accommodate normal routine maintenance.

3.9 **Secondary Route Preparation**

3.9.1 A new four inch (4") riser will be placed on the north side of AEP utility pole (X-1864494, Y-726657) located on the northeast corner of E. 11th Avenue at Jefferson Avenue and will enter the Traffic manhole in the sidewalk just east of this pole. This riser will be constructed per the specifications listed in the conduit, innerduct and riser sections of the General Specifications document, and as directed by Traffic Engineering and AEP. If there are any conflicts between the specifications listed in this bid and those determined by Traffic Engineering and/or AEP Contractor will defer to the Traffic Engineering and AEP specifications and will notify the Engineer accordingly.

3.9.2 In the grassy area on the southeast side of the Pride Center building east and just north of the sidewalk Contractor will place a Contractor supplied 32" round manhole (see "Lumpkin Pride Center Secondary Route Detail Map", Exhibit #4), that will be supplied and build per the specifications in the "General Specifications" document that is a part of this bid.

3.9.3 Contractor will trench or bore a new Contractor supplied four inch (4") PVC Schedule 40 conduit from the new Contractor set manhole above on the southeast side of the Pride Center building in the grassy area, north to a point behind the building that is even with the mechanical room in the Pride Center where the first (primary) fiber cable entered the building (see "Lumpkin Pride Center Secondary Route Detail Map", Exhibit #4), Here the new Contractor placed conduit and innerducts will turn to the building and enter underground a new Contractor supplied sweeping four inch (4") ninety degree steel elbow riser. This new Contractor supplied steel riser will rise up the east exterior wall of the Pride Center building where it will turn and penetrate the exterior of the building above the interior drop ceiling using an appropriately sized die cast aluminum Smart Pathways Smart Conduit Body to make the bend (see "Smart Pathways Smart Conduit Bodies Cut Sheets" exhibit in the General Specifications document). The end of this conduit will be appropriately sealed per industry standards to prevent moisture and insect entry into the building. Into this new conduit path Contractor will place three new Contractor supplied plenum innerducts per the General Specifications document. These new conduits will be placed to maintain the correct down grade to the manhole to prevent water migration into the building. ***NOTE***: There are gas and electric services buried on the east side of the Pride Center building.

3.9.4 Contractor will trench or bore a new Contractor supplied four inch (4") PVC Schedule 40 conduit from the new Contractor set manhole above on the southeast side of the Pride Center building in the grassy area, west in the right of way to the existing Traffic manhole located on the northeast corner of E. 11th and Cleveland Avenues (see "Lumpkin Pride Center Secondary Route Detail Map", Exhibit #4). Contractor will place three new Contractor supplied innerducts into this new duct as specified in the General Specifications document.

3.10 Secondary Route Cable Construction

3.10.1 Onto the second new Contractor supplied Corning twenty-four port LC-APC connector module insert (B) that was placed within the new Contractor placed LIU in the Contractor installed Liebert cabinet placed in the mechanical room in the Pride Center Contractor will place a new Contractor supplied loose buffer outdoor rated 24 strand singlemode.pre-terminated, factory polished duplex LC-APC fiber optic pigtail cable. This new pigtail cable will be pulled from the new LIU in the new Liebert cabinet through one of the new innerducts in the new Contractor placed conduit above the drop ceiling of the mechanical room out of the building south to the new manhole that the Contractor placed in the grassy area on the southeast side of the Pride Center building where it will turn west, continuing through the same color Contractor installed innerduct in the new Contractor placed conduit as a continuous piece to the Traffic manhole on the northeast corner of E. 11th and Cleveland Avenues, where it will continue as a continuous piece through the existing Traffic conduit system west to the new Contractor placed riser on the north side of AEP utility pole (X-1864494, Y-726657) located on the northeast corner of E. 11th Avenue at Jefferson Avenue. Here it will rise up and continue as a continuous piece in the same color Contractor installed innerduct to a slack span that was left on the existing CTSS fiber optic cable between AEP utility pole X-1864358, Y-726580 and AEP utility pole X-1864494, Y-726657 on the north side of E. 11th Avenue west of Jefferson Avenue (see "Lumpkin Pride Center Secondary Route Detail Map", Exhibit #4).

3.10.2 Here it will be fusion spliced in a new Contractor supplied Preformed Line Coyote splice case that will be sized to accommodate this new 24 strand fiber optic cable and the existing CTSS 144 strand cable being cut into within this case, and two additional 24 strand fiber optic cables that could be added here at a future time.

At this new Contractor supplied splice case Contractor will open the jacket of the 144 strand Traffic CTSS fiber optic cable and will fusion splice inside of this new Contractor supplied splice case the Blue buffer of the new 24 strand fiber optic cable to one half of one buffer of the 144 strand CTSS fiber optic cable. Contractor will *only* cut the fibers called for in the CTSS 144 strand fiber optic cable, *leaving all other buffers and strands of this cable uncut and undisturbed* in the new splice case (splice detail to be supplied to the awarded contractor at time of construction). All uncut buffer tubes will be contained within Preformed Line splice case coiled and protected as specified by the manufactured for that case, for that purpose. Contractor will ensure that as much slack as possible will be maintained in these cables after completion of this job for future splice-work at this location.

3.10.3 Contractor will coil fifty feet (50') of slack cable in the Contractor placed manhole and thirty feet (30') of slack cable in each Traffic manhole to accommodate any future splicing and maintenance needs.

3.10.4 Beyond the extra slack left for the splice at this location Contractor will leave an additional one hundred foot (100') slack span in the aerial portion of this run to accommodate normal routine maintenance.

3.11 General Construction Notes

3.11.1 Labor, materials, and all incidentals for the entire run will be identified and included in the bid.

3.11.2 All risers and riser cables shall be built in accordance with the requirements listed in the General Specifications document.

3.11.3 All building penetrations and conduits will be properly fire stopped and water proofed according to current industry accepted practices using current industry accepted materials and as specified the General Specifications document.

3.11.4 All unused conduits and innerducts will be plugged as detailed in the General Specifications document.

3.11.5 All splices will be contained within Preformed Line splice trays specifically manufactured for that case for that purpose.

3.11.6 Contractor will ensure that as much slack as possible will be maintained the cables after completion of this job for future splice-work at all splice locations.

3.12 **Operational System Connections**

3.12.1 Prior to completion and certification of the installed fiber the Contractor will supply 12 each duplex LC-APC to LC-APC singlemode patch cords comprised as four (4 ea.) one meter (1m) cords, four (4 ea.) two meter (2m) cords and four (4 ea.) three meter (3m) cords for utilization in completion of the operation system.

3.12.2 Prior to completion and certification of the installed fiber the Contractor will supply 12 each duplex LC-APC to LC-UPC singlemode patch cords comprised as four (4 ea.) one meter (1m) cords, four (4 ea.) two meter (2m) and four (4 ea.) three meter (3m) cords for utilization in completion of the operation system.

3.12.3 Prior to completion and certification of the installed fiber the Contractor will supply ten (10 ea.) duplex LC-UPC to LC-UPC 62.5µM multimode twenty meter (20m) patch cords for utilization in completion of the operation system.

3.12.4 Prior to completion and certification of the installed fiber the Contractor will supply ten (10 ea.) duplex LC-UPC to SC-UPC 62.5µM multimode twenty meter (20m) patch cords for utilization in completion of the operation system.

3.12.5 Contractor will supply for installation usage four (4 ea.) Cisco # GLC-LH-SMD, GBICs and four (4 ea.) Cisco # GLC-LX-SMD, GBICs to complete the system connections to make this a functional system.

3.12.6 Prior to completion and certification of the installed fiber the Contractor will supply one box of forty-eight each Master pad locks part number 6121KAW1, two boxes of forty-eight each Master pad locks part number 3KAW1 and one box of forty-eight each Master pad locks part number 3KA. These pad locks will be supplied all keyed alike to an existing key number that the City will provided to the Contractor when the Contractor places the order.

3.12.7 One each Dymo Rhino 5200 Industrial Label Maker # DYM-1756589 hard case kit.

3.12.8 Contractor will supply for installation usage fifty (50 ea.) Dymo #18488, IND Flexible Nylon Label, Black on White, 1/2" x 11-1/2' cable label cartridges.

3.12.9 Contractor will supply for installation usage ten (10 ea.) Dymo #18490, IND Flexable Nylon Label, Black on Yellow, 1/2" x 11-1/2' cable label cartridges.

3.12.10 Contractor will supply for installation usage ten (10 ea.) Dymo # 1805416, IND Flexible Nylon Label, White on Red, 1/2" x 11-1/2' cable label cartridges.

3.13 Operational System Electronics and Hardware

3.13.1 The following equipment will be supplied and installed by the Contractor into the new Liebert Foundation Wall Mount Cabinet mounted in the Pride Center. All equipment listed by name and/or model number will meet all of the requirements as detailed in the current product exhibits as provided by the manufacture and the "Electronics" section of the General Specifications Document.

3.13.2 A new Contractor Supplied DPS Telecom NetGuardian 864A G5 (see "DPS Telecom NetGuardian 864A G5 Cut Sheet", Exhibit # 9). This unit will be supplied with one (1 ea.) standard range and one (1 ea.) long haul SFP (GBIC) single mode module, one (1 ea.) new Contractor supplied DPS Telecom #D-PG-274-10A-00, Temperature Sensors with probes, one (1 ea.) SiteMON IP G2 visual security unit and two (2 ea.) new Contractor supplied DPS Telecom #D-PR-550-10A-01 Surface Mount Door Sensors. The programming and connections to these units (including the sensors) will be made by the City. Contractor is only responsible for the purchase and mounting of the NetGuardian unit within the rack.

(Exhibits Follow Starting on the Next Page)

Exhibits

In addition to the Exhibits contained within the General Specifications Document, please refer to these attached exhibits detailing the specific construction routes, fiber splices and equipment layouts that are specific to this bid. By this reference such exhibits are incorporated as a part of the contract specifications. All maps provided in this bid are provided to show proposed construction routes and are provided only as a general reference to provide the Contractor with the suggested path to make the connections and are not intended to be construction ready engineering documents. If the Contractor feels that it will be necessary to make any changes to the final build based on utility locates and field investigations it will be up to the Contractor in concert with the Engineer as detailed in the General Specifications Document to determine the actual final build. Contractor will provide final "As Built" drawings shown the actual path chosen at the conclusion of the project as required in the General Specifications Document. The list of exhibits is as follows:

No. Description

1. Lumpkin Pride Center Primary Route Wreck & Replace Detail Map;
2. Pedestal and Conduits Placement on Bonham at Cleveland Map;
3. CTSS & COTA / BRIT Connections on Bonham Map;
4. Lumpkin Pride Center Secondary Route Detail Map;
5. CTSS Splice Case Detail;
6. COTA / BRIT Splice Case Detail;
7. St. Clair Avenue Pride Center Splice Drawing

Exhibit #1: Lumpkin Pride Center Primary Route Wreck & Replace Detail Map

SAINT CLAIR AVE
MCCLELLAND AVE
E 116TH AVE
CLEVELAND AVE
SERVICE RD
BONHAM AVE
WADE HILL AVE
E 115TH AVE
Existing Conduct
New Riser
Wreck and Replace
New Construction
Existing DoT Splice Case
New Risers
N

Exhibit #2: Pedestal and Conduits Placement on Bonham at Cleveland Map

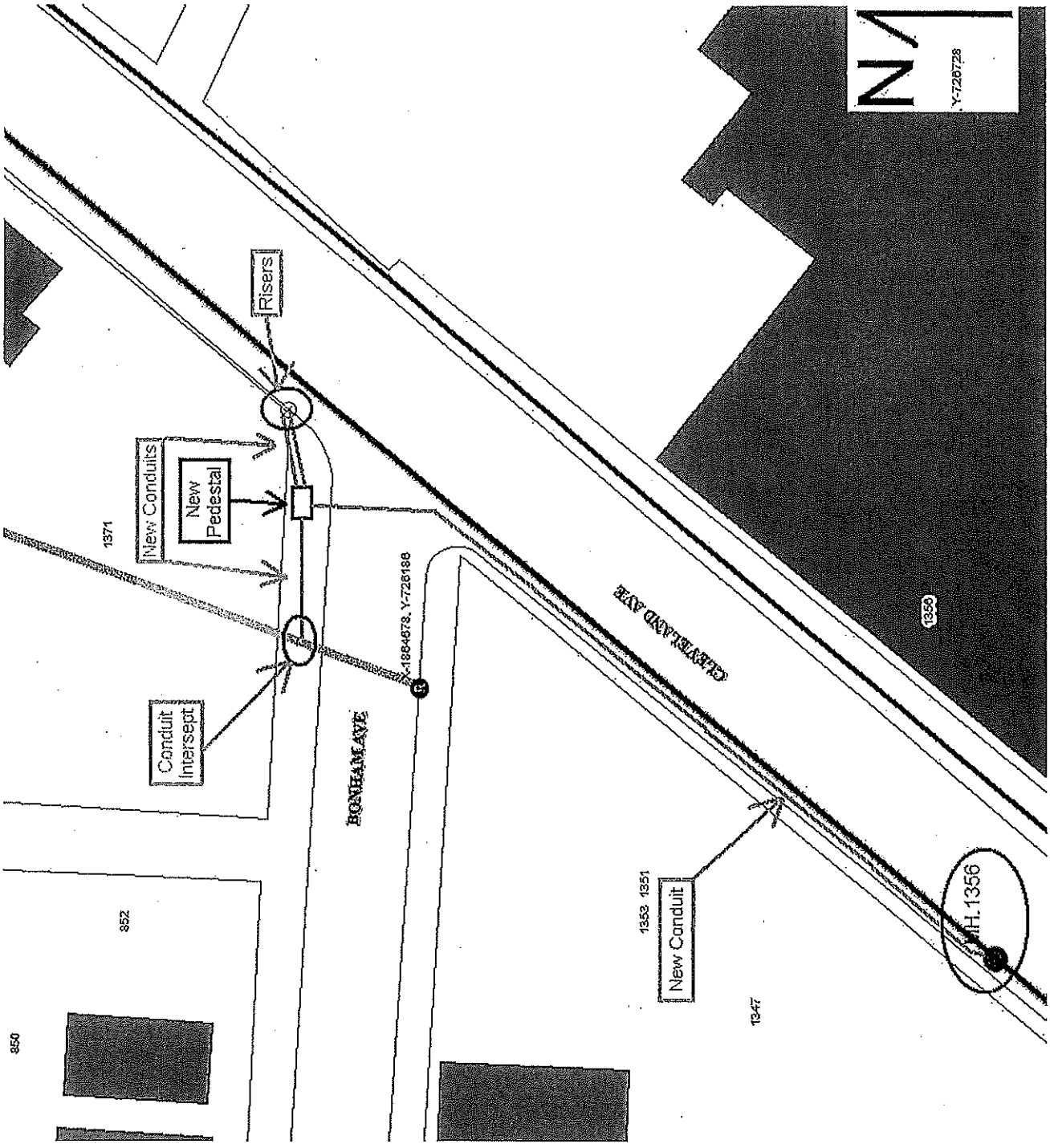

Exhibit #3: CTSS & COTA / BRIT Connections on Bonham Map

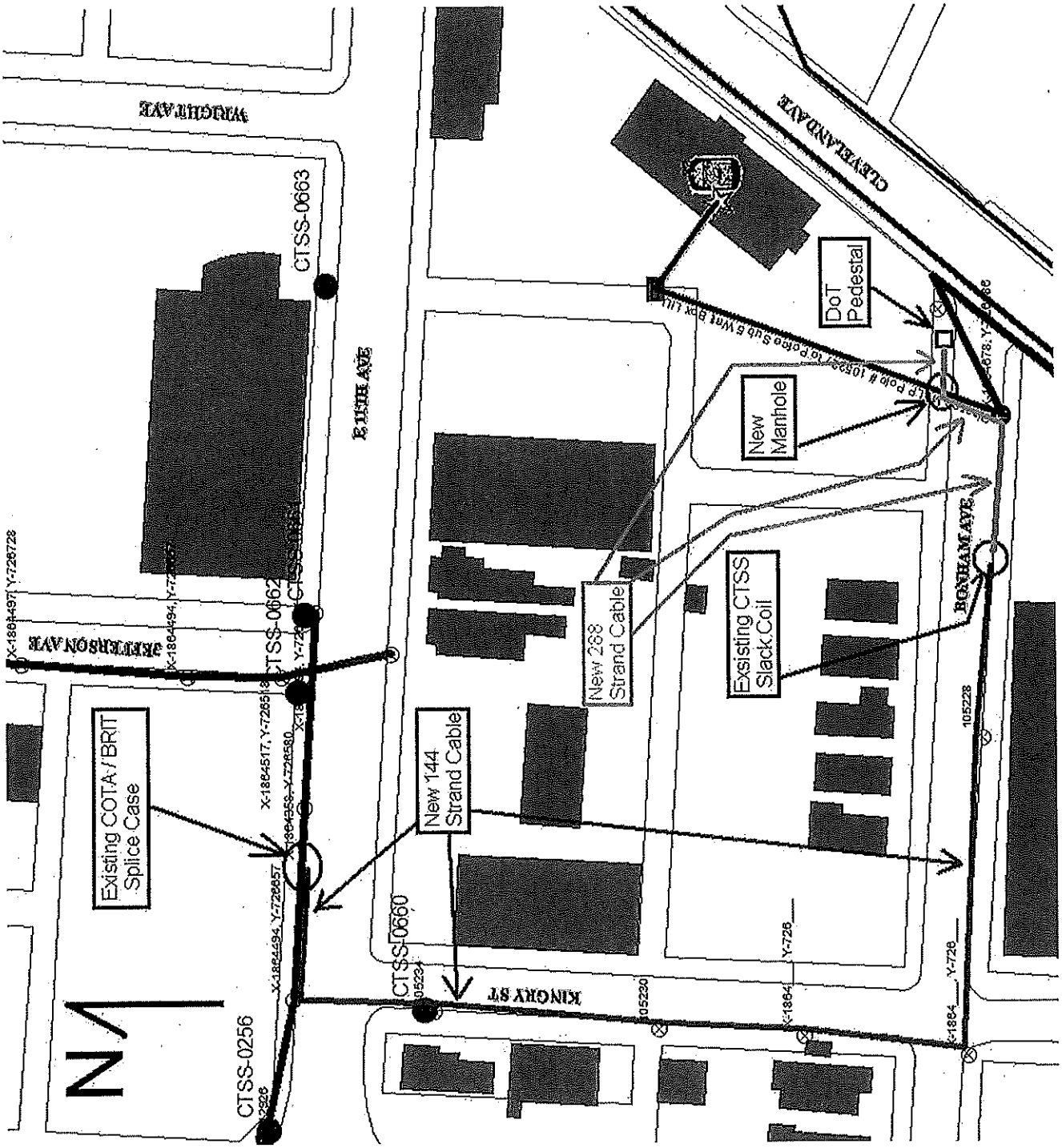

Exhibit #4: Lumpkin Pride Center Secondary Route Detail Map

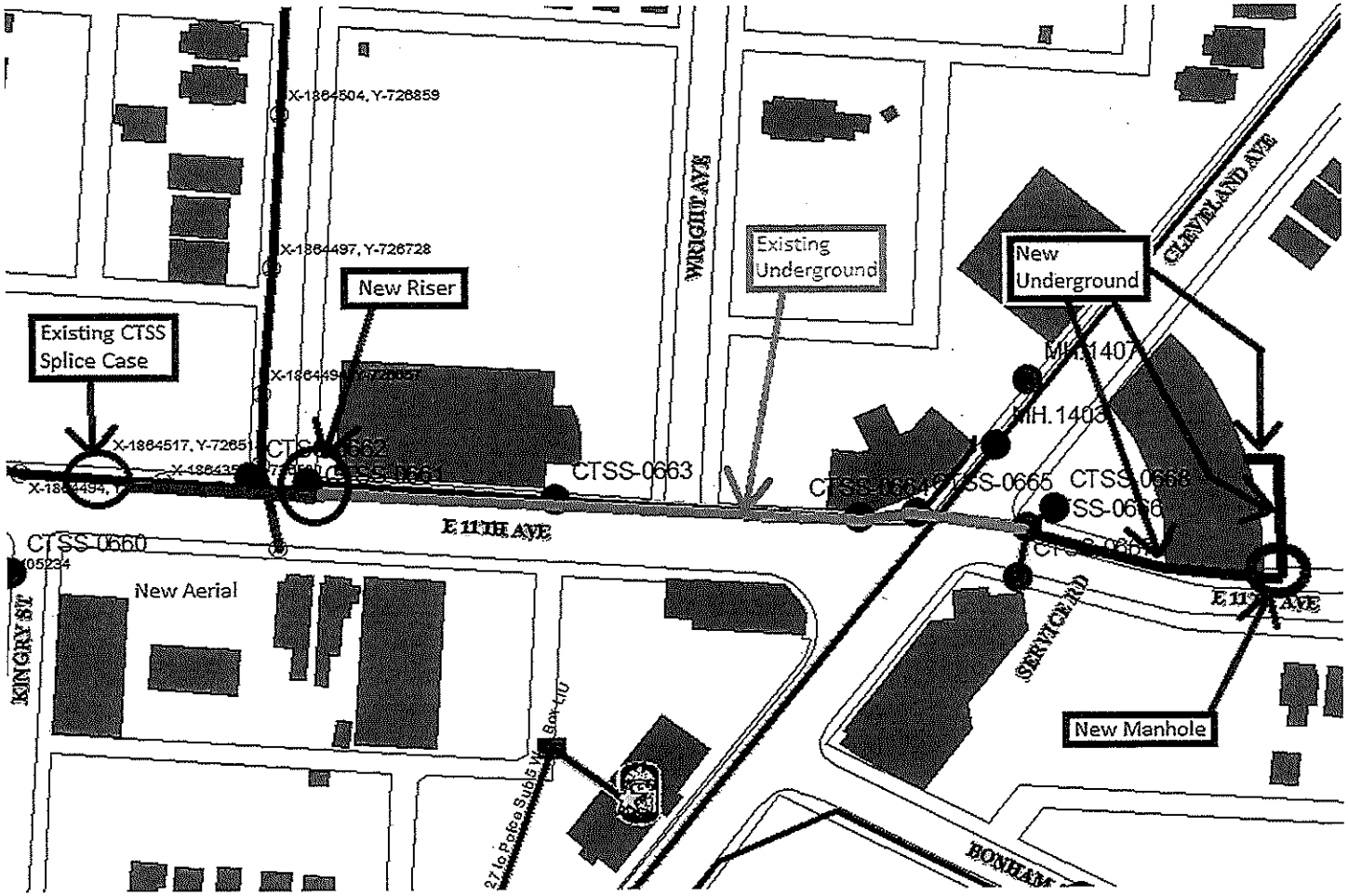
X-1864504, Y-726859
X-1864497, Y-726728
New Riser
Existing CTSS Splice Case
X-1864517, Y-726511
CTSS-0662
CTSS-0663
CTSS-0664
CTSS-0665
CTSS-0666
CTSS-0660
E 11TH AVE
New Aerial
KINGERY ST
WRIGHT AVE
Existing Underground
New Underground
CLEVELAND AVE
MH.1407
MH.1403
SERVICE RD
New Manhole
BONHAM

Exhibit #5: CTSS Splice Case Detail

(To be supplied to the Contractor at time of construction)

Exhibit #6: COTA / BRIT Splice Case Detail

(To be supplied to the Contractor at time of construction)

Exhibit #7: St. Clair Avenue Pride Center Splice Drawing

(To be supplied to the Contractor at time of construction)

General Info

Total:

$192,369.08

Number

470046-100000

Deadline

06/09/2017 01:00 PM EDT

Vendor

GUDENKAUF CORPORATION

Submitted

06/09/2017 07:43 AM EDT **Signed By** Vincent Paxton

Opened

06/09/2017 02:46 PM EDT **By** pjhall@columbus.gov

Description

DOT / NETWORK / LUMPKIN PRIDE CENTER FIBER BID The project shall consist of constructing two new diverse routes and place two new fiver optic entry cables from two existing fiber optic cable systems into the Clarence D Lumpkin Pride Center (Lumpkin Pride Center) located at 1410 Cleveland Ave.

Allows zero unit prices and labor

Yes

Allows negative unit prices and labor

Yes

Bid Documents

ifb dot lumpkin pride center fiber.pdf
Invitation For Bid Lumpkin Pride Center Fiber

lumpkin pride center bidspecs.pdf
Lumpkin Pride Center Fiber Bid Specs

prevailing wage one document.pdf
Prevailing Wage

pw determination cover letter.pdf
Prevailing Wage Determination Cover Letter

addendum 1 clarification qa dates times.pdf
Question and Answer Due Dates and Times Updated

addendum 2 clarification project completion date.docx
Question and Answer Project Completion Date

lumpkin pride center fiber construction pre.pdf
Amendment #1: Pre-Bid Walk-Through Q & A Document

INSTRUCTIONS FOR COMPLETING THE ELECTRONIC BID DOCUMENT

The Invitation for Bid (IFB) is a PDF document located at www.Bidexpress.com. Each section of the electronic IFB (the data entry fields located at www.Bidexpress.com) corresponds to a section in the PDF IFB and contains space to answer the questions asked in the PDF IFB. Refer to the PDF IFB as you provide information in the electronic IFB.

There are multiple data entry fields available for some topics and not all of the data fields will be completed for that topic. If that were to occur, put "N/A" in those fields that are not completed for that topic. For example, there is space to acknowledge addenda. If no addenda are published, put "N/A" in all the remaining data fields for that topic.

ACKNOWLEDGEMENT

☑ Check this box: By providing the information requested and submitting this bid, the person digitally signing the bid is agreeing to all requirements of the bid and attesting that all the foregoing statements and all other representations submitted with the electronic bid accurately and truthfully represent, to the best of his or her knowledge, the aforementioned corporation, partnership, or company. *

ADDENDA AND CONTACT INFORMATION

Provide information below as requested on the Addenda and Contact Information form in the Invitation for Bid.

Does this solicitation have any addenda? *

Yes

If there are not any Addenda for the project, select "No" above and fill applicable addenda fields below with "N/A."

Addenda (select "+" to add addenda fields)

Date of Addendum *

6/2/17

Addendum No. *

1

Brief Description *

Clarification of Q&A sessions

Addenda (select "+" to add addenda fields) 1

Date of Addendum *

6/2/17

Addendum No. *

2

Brief Description *

Clarification of project completion date

CONTACT INFORMATION

Business Name *

Gudenkauf Corporation

Contact *

Vince Paxton

Business Address (street address, city, state, zip code, and county) *

2679 McKinley Ave

Phone number *

(614) 488-1776 x1209

Email *

vpaxton@hotmail.com

Contract Compliance Number *

310908234

Is the business a "foreign corporation" or "foreign entity"? *

No

JOINT VENTURE / LICENSE / ENVIRONMENTAL PREFERENCE

JOINT VENTURE
Provide information as requested on the Joint Venture Statement of Intent form in the Invitation for Bid.

The bidder [IS / IS NOT] a joint venture *

IS NOT

WATER OR SEWER CONTRACTOR TAPPERS LICENSE
Provide information as requested for the Water or Sewer Contract Tappers License in the Invitation for Bid.

This project [DOES / DOES NOT] include work on a water or sewer line. *

DOES NOT

If so, information below is required. If not, select and type "N/A."

Water or Sewer *

N/A

Business Name *

N/A

ENVIRONMENTAL PREFERENCE
Provide information as requested for the Environmental Preference Provisions in the Invitation for Bid.

Does the bidder meet the definition of Environmentally Preferable Bidder? *

No

If yes, please explain how your company meets the definition of Environmentally Preferable Bidder and explain the environmental benefits by typing information below or uploading documentation. If documentation is uploaded, type "uploaded" below.

Explain, or upload information in the next section below. *

N/A

JOINT VENTURE / LICENSE / ENVIRONMENTAL PREFERENCE UPLOAD

Name	Omission Terms	Submitted File
Joint Venture Statement of Intent Upload Joint Venture Statement of Intent here	Bidder is not a Joint Venture	I am not enclosing this document because the omission terms have been met.
Joint Venture Agreement Upload Joint Venture Agreement here	Bidder is not a Joint Venture	I am not enclosing this document because the omission terms have been met.
Environmental Preference Document Upload Environmental Preference Document here	I have explained that I am an Environmentally Preferable Bidder in the Section Above	I am not enclosing this document because the omission terms have been met.

3 Required Documents

FORM B1: INTERESTED PARTIES

Provide information as requested on Form B1 in the Invitation for Bid.

The full names and residential addresses of all persons and parties interested in the foregoing bid (select "+" to add more fields).

Name *

Jeff Gudenkauf

Address *

1427 Roxbury Rd, Columbus, OH 43212

The full names and residential addresses of all persons and parties interested in the foregoing bid (select "+" to add more fields). 1

Name *

Mark Rogers

Address *

1370 County Line Rd, Bremen, OH 43107

The full names and residential addresses of all persons and parties interested in the foregoing bid (select "+" to add more fields). 2

Name *

Vince Paxton

Address *

2697 Camden Rd, Columbus, OH 43221

The full names and residential addresses of all persons and parties interested in the foregoing bid (select "+" to add more fields). 3

Name *

Leigh-Anne Duncan

Address *

5526 Coral Ct, Galloway, OH 43119

FORM B2: BID BOND

Enter the bond number and surety verification agency below. You will need to get this information from your surety.

Bond Percentage

10.00%

Bid Bond

Bond ID *	Surety Agency *	Verify Bid Bond *
33U4-NGUB-DHWH-F9VH	SurePath	Bid bond verification has been completed.

FORM B3: BID PRICE AND AMOUNT

$192,369.08

Description	Lump Sum	Extension
Labor	$72,440.25	$72,440.25
Materials	$102,440.73	$102,440.73
Enter in amount of 10% Contingency for labor and materials	$17,488.10	$17,488.10
		Total: $192,369.08

FORM B5: SUBCONTRACTORS

Provide information as requested on Form B5 in the Invitation for Bid.

If there are not any subcontractors on this project select "No" for the answer below or and fill each field below with "N/A."

Are there Base Bid Subcontractors *

No

If more than 10 subcontractors are provided, utilize the next section for subs 11-20 and use the current section for subs 1-10.

BASE BID SUBCONTRACTOR INFORMATION (Select "+" to add Subcontractors 1-10)

Subcontractor

Type of Work *

N/A

Company Name *

N/A

Address *

N/A

Contact Name *

N/A

Phone Number * **(type all 9s if N/A)**

(999) 999-9999 x99999

Licensed Trade Contractor (yes or no) *

N/A

If a Licensed Trade Contractor, supply prequalification expiration date. If not applicable, type "N/A." *

N/A

Contract Compliance Number *

N/A

Proposed dollar value of work being subcontracted * type "$0.00" if N/A

$.00

Technical Specification Division or CMS Section *

N/A

Explanation of why there are multiple subcontractors for one type of work, if applicable. If not applicable, type "N/A." *

N/A

If less than 11 Base Bid Subcontractors are provided, type "N/A" in the fields below.

BASE BID SUBCONTRACTOR INFORMATION (Select "+" to add Subcontractors 11-20)

Type of Work *

N/A

Company Name *

N/A

Address *

N/A

Contact Name *

N/A

Phone Number * (type all 9s if N/A)

(999) 999-9999 x99999

Licensed Trade Contractor (yes or no) *

N/A

If a Licensed Trade Contractor, supply prequalification expiration date. If not applicable, type "N/A." *

N/A

Contract Compliance Number *

N/A

Proposed dollar value of work being subcontracted * type "$0.00" if N/A

$.00

Technical Specification Division or CMS Section *

N/A

Explanation of why there are multiple subcontractors for one type of work, if applicable. If not applicable, type "N/A." *

N/A

Total dollar value of subcontractor work being proposed for Base Bid * type "$0.00" if N/A

$.00

Subcontracted Work as a percent of Base Bid * type "0%" if N/A

0%

If the bid includes Alternates, list subcontractors below who will be performing work on the Alternates. If there are not any Alternates, fill each field below with "N/A".

ALTERNATE SUBCONTRACTOR INFORMATION (Select "+" to add Subcontractors 1-10)

Alternate Number *

N/A

Type of Work *

N/A

Company Name *

N/A

Address *

N/A

Contact Name *

N/A

Phone Number * (type all 9s if N/A)

(999) 999-9999 x99999

Licensed Trade Contractor (yes or no) *

N/A

If a Licensed Trade Contractor, supply prequalification expiration date. If not applicable, type "N/A." *

N/A

Contract Compliance Number *

N/A

Proposed dollar value of work being subcontracted * type "$0.00" if N/A

$.00

Technical Specification Division or CMS Section *

N/A

Explanation of why there are multiple subcontractors for one type of work, if applicable. If not applicable, type "N/A." *

N/A

Total dollar value of subcontractor work being proposed for Alternates * type "$0.00" if N/A

$.00

Subcontracted Work as a percent of Alternates subtotal * type "0%" if N/A

0%

FORM B5: SUBCONTRACTORS UPLOAD

Name	Omission Terms	Submitted File
SUBCONTRACTORS Upload Document here if not filling out section above	I have filled out FORM B5: SUBCONTRACTORS or there are no subcontractors for this project.	I am not enclosing this document because the omission terms have been met.

1 Required Document

FORM B6: EXPERIENCE, COMPETENCY, AND RESOURCES

Provide information as requested on Form B6 in the Invitation for Bid by answering the questions below or uploading a document that provides the same information.

If the information is uploaded, type "N/A" in the fields below to indicate that you are uploading the information in the next section.

SAFETY PROGRAM (Select "+" to add fields)

Company Name *

N/A

Name of Safety Professional *

N/A

Phone Number * **(type all 9s if N/A)**

(999) 999-9999 x99999

Briefly Describe Type of Program *

N/A

EQUIPMENT (Select "+" to add fields)

Description *

N/A

Quantity *

N/A

Leased or Owned *

N/A

PROPOSED PROJECT MANAGEMENT TEAM (Select "+" to add fields)

Management Position/Title *

N/A

Name *

N/A

Years of Experience *

N/A

Description of Relevant Experience *

N/A

FORM B6: EXPERIENCE, COMPETENCY, AND RESOURCES UPLOAD

Name	Omission Terms	Submitted File
SAFETY PROGRAM Upload Document here if not filling out section above	I have filled out FORM B6: SAFETY PROGRAM above	form b6.pdf
EQUIPMENT Upload Document here if not filling out section above	I have filled out FORM B6: EQUIPMENT above	form b6.pdf
PROPOSED PROJECT MANAGEMENT TEAM Upload Document here if not filling out section above	I have filled out FORM B6: PROPOSED PROJECT MANAGEMENT TEAM above	form b6.pdf

3 Required Documents

FORM B7: DEADLINES AND COST CONTROL

Provide information as requested on Form B7 in the Invitation for Bid by answering the questions below or uploading a document that provides the same information.

If there are no applicable projects for bidder, or if the information is being provided via upload in the section below, indicate this by selecting "No" for the question below, and typing "N/A" in the fields below.

Are there applicable projects for bidder? *

Uploaded in section below

PROJECT (Select "+" to add fields)

Project Name *

N/A

Contracting Company Name *

N/A

City/State *

N/A

Project Manager's Name *

N/A

Project Owner *

N/A

Project Owner Contact Name *

N/A

Project Owner Contact Phone Number * **(type all 9's if N/A)**

(999) 999-9999 x99999

Original Completion Date *

N/A

Final Completion Date *

N/A

Original Contract Amount * Type "$0.00" if N/A

$.00

Final Contract Amount * Type "$0.00" if N/A

$.00

Total Amount of Change Orders *

N/A

Change Orders - # of *

N/A

Change Order No. 1 Amount * Type "$0.00" if N/A

$.00

Description *

N/A

Reason *

N/A

Change Order No. 2 Amount * Type "$0.00" if N/A

$.00

Description *

N/A

Reason *

N/A

Change Order No. 3 Amount * Type "$0.00" if N/A

$.00

Description *

N/A

Reason *

N/A

Was there a punch list issued and completed after the completion date? If yes, explain *

N/A

Explain, or type N/A if not applicable *

N/A

Are there any items on the punch list still in dispute? If yes, explain *

N/A

Explain, or type N/A if not applicable *

N/A

FORM B7: DEADLINES AND COST CONTROL UPLOAD

Name	Omission Terms	Submitted File
DEADLINES AND COST CONTROL UPLOAD Upload Document here if not filling out section above	I have filled out FORM B7 above	form b7.pdf

1 Required Document

FORM B8: AVAILABILITY

Provide information as requested on Form B8 in the Invitation for Bid by answering the questions below or uploading a document that provides the same information.

If there are no applicable projects for bidder, or if the information is being provided via upload in the section below, indicate this by selecting "No / Uploaded" for the question below, and typing "N/A" in the fields below.

Are there applicable projects for bidder? *

Uploaded in following section

Top Projects by Dollar Amount (select "+" to add fields)

Contracting Company Name *

N/A

Project Manager Name *

N/A

Project Name/Title *

N/A

Location/City *

N/A

Original Contract Amount * **type "$0.00" if N/A**

$.00

Original Projected Completion Date *

N/A

Current Completion Date *

N/A

Project Owner *

N/A

Owner Contact Person *

N/A

Owner Contact Phone Number * **(type all 9's if N/A)**

(999) 999-9999 x99999

FORM B8: AVAILABILITY UPLOAD

Name	Omission Terms	Submitted File
AVAILABILITY Upload Document here if not filling out section above	I have filled out form B8 above or there are no applicable projects	form b8.pdf

1 Required Document

FORM B9: BID AFFIDAVIT

Provide information as requested on Form B9 in the Invitation for Bid.

☑ Check here to acknowledge concurrence with the Non-Collusion Statement included on Form B9. *

☑ Check here to acknowledge concurrence with the first bullet for Pre-Qualification Statement included on Form B9. *

Choose the option below that best applies regarding the Pre-Qualification Statement included on Form B9:

A. That as of the date of this bid submission, the information disclosed in the bidder's application for responsibility pre-qualification is current and accurate and there have been no changes to the information on the application since its submission.

OR

B. That changes in the information disclosed in the bidder's application for responsibility prequalification have been reported to the director of finance and management or designee and that the bidder is still prequalified responsible or provisionally responsible.

Select A or B from the Question Above *

A