



TECHSICO

**Inside/Outside Plant Services as Well as
Emergency Restoration Services**

Solicitation Number: 0900000228

Prepared for:



PRICING

25 August 2016 – 3:00 P.M. CST

Submitted to:

Robert Goad, Contracting Officer

Office of Management and Enterprise Services

5005 N. Lincoln Blvd.

P.O. Box 8002

Oklahoma City, OK 73105

robert.goad@omes.ok.gov

TECHSICO 910 S. Hudson Ave., Tulsa, OK 74112 / Office: 918-585-2347 / Fax: 877-825-9047

Oklahoma City, OK; Houston, TX; Henderson, NV; San Marcos, CA;

TECHSICO Carrier Services / TECHSICO Enterprise Solutions / Towers Unlimited

www.TECHSICO.com



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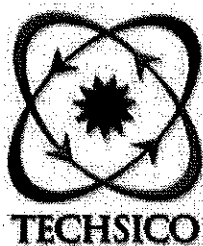
Inside Plant

TECHSICO 910 S. Hudson Ave., Tulsa, OK 74112 / Office: 918-585-2347 / Fax: 877-825-9047

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State of Oklahoma

Re: Solicitation 0900000228

Office of Management and Enterprise Services

5005 N. Lincoln Blvd.

Oklahoma City, OK 73105

INSIDE PLANT

References:

Rick Williston 6801 S. 65th W. Tulsa, Ok 918-447-5165 rick.williston@tdwilliamson.com

Michael A. Nicholson 6100 S. Yale, Suite 500 918-978-0888 mnicholson@petrohawk.com

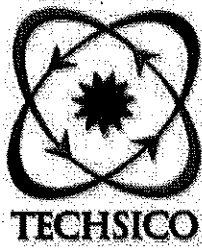
Leslie Ameen OSU Medical Center Tulsa 918-599-4098 leslieameen@osumc.net

Company Information:

TECHSICO was founded in 2001 and is a customer driven organization headquartered out of Tulsa, Oklahoma. We specialize in project engineering, furnishing, implementation and testing (EFIT) of low voltage systems. We have completed projects in 37 states and continue to seek opportunities that allow our expertise to be utilized in exceeding our customer's expectations.

Experience:

PROJECT NAME	CONTACT PERSON	
St. Johns Broken Arrow	Roy Nelson	918-407-3383
Lackland Air Force Base Airfield Training	Randy Smith	501-227-5987
McAlister AFRC	Chris Davis	501-227-5987
OU Schusterman Center	Andrew Schlecht	918-660-3543
Oklahoma State University Medical Center	Leslie Ameen	918-599-4098



PRICING AND COST:

	Year 1		Year 2		Year 3		Year 4		Year 5	
Location	Standard	Overtime	Standard	Overtime	Standard	Overtime	Standard	Overtime	Standard	Overtime
OKC	\$ 61.00	\$ 91.50	\$ 61.00	\$ 91.50	\$ 62.00	\$ 93.00	\$ 62.00	\$ 93.00	\$ 63.00	\$ 94.50
Tulsa	\$ 61.00	\$ 91.50	\$ 61.00	\$ 91.50	\$ 62.00	\$ 93.00	\$ 62.00	\$ 93.00	\$ 63.00	\$ 94.50
Statewide	\$ 61.00	\$ 91.50	\$ 61.00	\$ 91.50	\$ 62.00	\$ 93.00	\$ 62.00	\$ 93.00	\$ 63.00	\$ 94.50

AREAS:

TULSA, OKLAHOMA

OKLAHOMA CITY, OKLAHOMA

OKLAHOMA - STATEWIDE

Vendor will accept P-Cards from issued by the State Of Oklahoma

Vendor will accept Electronic Funds Transfer (EFT) by the State Of Oklahoma

Vendor recognizes materials will be furnished at a cost not to exceed vendor cost plus 20%.



Inside/Outside Plant Services as Well as Emergency Restoration Services

Solicitation Number: 0900000228

Prepared for:



PRICING Outside Plant

TECHSICO 910 S. Hudson Ave., Tulsa, OK 74112 / Office: 918-585-2347 / Fax: 877-825-9047
Oklahoma City, OK; Houston, TX; Henderson, NV; San Marcos, CA:
TECHSICO Carrier Services / TECHSICO Enterprise Solutions / Towers Unlimited
www.TECHSICO.com

CUSTOMER OWNED OUTSIDE PLANT – INSTALLATION ONLY

Vendor (s) shall provide a cost for each item shown

Itemized Cost Sheet (Outside Plant Only)	Unit	Cost
Placement of one Cable in existing Conduit; 1-3000 LF	Linear Foot	\$1.81
Setup fee for installation of 2-4 Cables in existing conduit; 1-3000 LF		\$1.81
Placement of one Cable in existing Conduit; 3000 - Over LF	Linear Foot	\$1.81
Setup fee for installation of 2-4 cables in existing conduit; 3000 - Over LF		\$1.81
Cable Trenching, 4" wide, 48" ±5% deep, 1-100 LF	Linear Foot	\$4.38
Cable Trenching, 4" wide, 48" ±5% deep, 100 - over LF	Linear Foot	\$3.75
Boring, plus 2" conduit, 60" ±10% deep, 1-3000 LF	Linear Foot	\$29.38
Boring, plus 2" conduit, 60" ±10% deep, 3000 - over LF	Linear Foot	\$29.38
Boring, plus 1.5" conduit, 60" ±10% deep, 1-3000 LF	Linear Foot	\$24.38
Boring, plus 1.5" conduit, 60" ±10% deep, 3000 - over LF	Linear Foot	\$24.38
Each additional Conduit, up to 7	Each	\$10.00
Boring, plus 4" conduit, 60" ±10% deep, 1-3000 LF	Linear Foot	\$42.50
Boring, plus 4" conduit, 60" ±10% deep, 3000 - over LF	Linear Foot	\$41.25
Boring, plus 6" conduit, 60" ±10% deep, 1-3000 LF	Linear Foot	\$51.25
Boring, plus 6" conduit, 60" ±10% deep, 3000 - over LF	Linear Foot	\$50.00
Core Drill, (e.g. bldg. walls 0-6" thick)	Each	\$260.00
Core Drill, (e.g. Bldg. Walls 7-12" thick)	Each	\$303.75
Splice Box, 30"x48"x36"	Each	\$381.25
Existing Conduit repair	Per Hour	\$381.25
Backhoe & Services (Includes Operator, labor and Transportation)	Per Hour	\$340.00
Concrete/Asphalt Street Repair	Per Sq Foot	\$26.88
4" Thick Concrete Sidewalk Repair	Per Sq Foot	\$21.25
Cable Plowing, 48" ± 5% deep, 1-3000 LF	Linear Foot	\$3.75
Cable Plowing, 48" ± 5% deep, 3001-Over LF	Linear Foot	\$3.75
Open and Closure/Lump Sum	Each	\$506.25
Std. Telepn. Type: Copper Wire Splice, 1-100 Splice	Each	\$3.44
Std. Telepn. Type: Copper Wire Splice, 101-Over Splices	Each	\$3.44
Cable Type: Fiber Optic Fusion Splice, 1-24 Splice	Each	\$55.00
Cable Type: Fiber Optic Fusion Splice, 25-Over Splices	Each	\$50.00
Singlemode Fiber Termination, 1-24 Connectors	Each	\$48.75
Singlemode Fiber Termination, 25-Over Connectors	Each	\$46.25
Multimode Fiber Termination, 1-24 Connectors	Each	\$48.75
Multimode Fiber Termination, 25-Over Connectors	Each	\$46.25

General Labor (8 a.m.- 5 p.m.)	Per Hour	\$57.00
General Labor Ext. Hours (Includes nights, holidays, & weekends)	Per Hour	\$85.50

Excavation Costs Per Hour			
HandHoles	Digging Per Hour Cost	Installation Per Unit	
HandHoles 18"x48"x30"	\$382.00	\$382.00	
Pullboxes			
Pullbox - 30"x48"x36" Fiberglass	\$382.00	\$382.00	
Pullbox - 3'x6'x51"	\$382.00	\$1,144.00	
Pullbox - 4'x4'x51"	\$382.00	\$1,144.00	
Pullbox - 4'x6'-6"x48"	\$382.00	\$1,525.00	

Utility Vaults 5'x7'x84"	\$382.00	\$3,432.00		
Cabinets	Per Hour Cost	Installation per Unit		
CAD 4 Environmentally Controlled Cabinets	\$382.00	\$382.00		
CAD 6 Environmentally Controlled Cabinets	\$382.00	\$382.00		
CAD 8 Environmentally Controlled Cabinets	\$382.00	\$382.00		
CAD 12 Environmentally Controlled Cabinets	\$382.00	\$382.00		
CAD 16 Environmentally Controlled Cabinets	\$382.00	\$382.00		
UP 900 Environmentally Controlled Cabinets	\$382.00	\$382.00		
UP1000 Environmentally Controlled Cabinets	\$382.00	\$382.00		
UP1200 Environmentally Controlled Cabinets	\$382.00	\$382.00		
UP1246 Environmentally Controlled Cabinets	\$382.00	\$382.00		
UP1248 Environmentally Controlled Cabinets	\$382.00	\$382.00		
UP1652 Environmentally Controlled Cabinets	\$382.00	\$382.00		
Controlled Environment Vaults	Per Hour Cost	Installation per Unit		
Controlled Environment Vault 6'x16'	\$382.00	\$4,575.00		
Controlled Environment Vault 6' x 24'	\$382.00	\$6,100.00		

Note: Specific models and brands have not been identified allowing vendors to provide average costs of installation for like or equivalent items and types. Vendors should provide an average cost of installation with associated components such as Rings & Covers, Grade Rings, Cones and Risers etc. Cost associated with these items will be covered under the material section with a mark-up.

E Outside Plant MATERIAL DISCOUNT

If procured by Vendor please provide % discount from manufacturer's list price.

Year 1	Year 2	Year 3	Year 4	Year 5
5	5	5	5	5

F Emergency Restoration Cost Sheet – INSTALLATION ONLY

Vendor (s) shall provide a cost for each item shown

Itemized Cost Sheet (Outside Plant Only)	Unit	Cost
Placement of Cable in existing Conduit, 1-3000 LF	Linear Foot	\$2.99
Placement of Cable in existing Conduit, 3000 - Over LF	Linear Foot	\$2.99
Cable Trenching, 4" wide, 48" ±5% deep, 1-100 LF	Linear Foot	\$7.21
Cable Trenching, 4" wide, 48" ±5% deep, 100 - over LF	Linear Foot	\$6.18
Boring, plus 2" conduit, 60" ±10% deep, 1-3000 LF	Linear Foot	\$50.47
Boring, plus 2" conduit, 60" ±10% deep, 3000 - over LF	Linear Foot	\$50.47
Boring, plus 1.5" conduit, 60" ±10% deep, 1-3000 LF	Linear Foot	\$45.32
Boring, plus 1.5" conduit, 60" ±10% deep, 3000 - over LF	Linear Foot	\$45.32
Each additional Conduit, up to 7	Each	\$16.48
Boring, plus 4" conduit, 60" ±10% deep, 1-3000 LF	Linear Foot	\$78.28
Boring, plus 4" conduit, 60" ±10% deep, 3000 - over LF	Linear Foot	\$76.22
Boring, plus 6" conduit, 60" ±10% deep, 1-3000 LF	Linear Foot	\$94.76
Boring, plus 6" conduit, 60" ±10% deep, 3000 - over LF	Linear Foot	\$92.70
Core Drill, (e.g. bldg. walls 0-6" thick)	Each	\$428.48
Core Drill, (e.g. Bldg. Walls 7-12" thick)	Each	\$500.58
Splice Box, 30"x48"x36"	Each	\$978.50
Existing Conduit repair	Per Hour	\$978.50
Backhoe & Services (Includes Operator, Labor and Transportation)	Per Hour	\$700.40
Concrete/Asphalt Street Repair	Per Sq Foot	\$44.29

4" Thick Concrete Sidewalk Repair	Per Sq Foot	\$35.02
Cable Plowing, 48" ± 5% deep, 1-3000 LF	Linear Foot	\$6.18
Cable Plowing, 48" ± 5% deep, 3001-Over LF	Linear Foot	\$6.18
Open and Closure/Lump Sum	Each	\$834.30
Std. Telepn. Type: Copper Wire Splice, 1-100 Splice	Each	\$5.57
Std. Telepn. Type: Copper Wire Splice, 101-Over Splices	Each	\$5.57
Cable Type: Fiber Optic Fusion Splice, 1-24 Splice	Each	\$90.64
Cable Type: Fiber Optic Fusion Splice, 25-Over Splices	Each	\$82.40
Singlemode Fiber Termination, 1-24 Connectors	Each	\$80.34
Singlemode Fiber Termination, 25-Over Connectors	Each	\$76.22
Multimode Fiber Termination, 1-24 Connectors	Each	\$80.34
Multimode Fiber Termination, 25-Over Connectors	Each	\$76.22
General Labor (8 a.m. - 5 p.m)	Per Hour	\$120.00
General Labor (Includes nights, holidays, & weekends)	Per Hour	\$244.00

Excavation Costs Per Hour				
HandHoles	Digging Per Hour Cost	Installation Per Unit		
HandHoles 18"x48"x30"	\$629.00	\$629.00		
Pullboxes				
Pullbox - 30"x48"x36" Fiberglass	\$629.00	\$629.00		
Pullbox - 3'x6'x51"	\$629.00	\$1,885.00		
Pullbox - 4'x4'x51"	\$629.00	\$1,885.00		
Pullbox - 4'x6'-6"x48"	\$629.00	\$2,514.00		
Pullbox - 6'x8'x48"	\$629.00	\$2,514.00		
Splice Boxes				
Splice Box 3'-0"x5'-0" ID SB-350-4W-COM	\$629.00	\$2,514.00		
Splice Box 3'-0"x5'-0" ID SB-350-6W-COM	\$629.00	\$2,514.00		
34" DIA. SBC Splice Box	\$629.00	\$2,514.00		
50" DIA. SBC Splice Box	\$629.00	\$2,514.00		
Maintenance Holes	Basic A Splayed	Basic A Center Window	Basic A w/Height Ext.	Installation Per Unit
	Per Hour Cost			
48"DIA FIBER OPTIC Manhole	\$629.00	\$629.00	\$629.00	\$2,514.00
40" DIA.SBC Fiber Optic Handhole	\$629.00	\$629.00	\$629.00	\$2,514.00
Comm Manhole 4'-0"x4'-0" I.D. H-5 - H20 A,J,L,T	\$629.00	\$629.00	\$629.00	\$2,514.00
Comm Manhole 4'-0"x6'-0" I.D. H-5 - H20 A,J,L,T	\$629.00	\$629.00	\$629.00	\$3,770.00
Comm Manhole 4'-0"x6'-6" I.D. H-5 - H20 A,J,L,T	\$629.00	\$629.00	\$629.00	\$3,770.00
Comm Manhole 5'-0"x5'-0" I.D. H-5 - H20 A,J,L,T	\$629.00	\$629.00	\$629.00	\$3,770.00
Comm Manhole 6'-0"x6'-0" W I.D H-5 - H20 A,J,L,T	\$629.00	\$629.00	\$629.00	\$4,399.00
Comm Manhole 6'-0"x8'-0" I.D H-5 - H20 A,J,L,T	\$629.00	\$629.00	\$629.00	\$6,283.00
Comm Manhole 6'x8"x84" concrete w/castring/cover	\$629.00	\$629.00	\$629.00	\$5,655.00

Pullbox - 6'x8'x48"	\$382.00	\$1,525.00	
Splice Boxes			
Splice Box 3'-0"x5'-0" ID SB-350-4W-COM	\$382.00	\$1,525.00	
Splice Box 3'-0"x5'-0" ID SB-350-6W-COM	\$382.00	\$1,525.00	
34" DIA. SBC Splice Box	\$382.00	\$1,525.00	
50" DIA. SBC Splice Box	\$382.00	\$1,525.00	
Maintenance Holes	Basic A Splayed	Basic A Center Window	Basic A w/Height Ext.
	Per Hour Cost		Installation Per Unit
48"DIA. FIBER OPTIC Manhole	\$382.00	\$382.00	\$1,525
40" DIA.SBC Fiber Optic Handhole	\$382.00	\$382.00	\$1,525
Comm Manhole 4'-0"x4'-0" I.D. H-5 - H20 A,J,L,T	\$382.00	\$382.00	\$1,525
Comm Manhole 4'-0"x6'-0" I.D. H-5 - H20 A,J,L,T	\$382.00	\$382.00	\$2,288
Comm Manhole 4'-0"x6'-6" I.D. H-5 - H20 A,J,L,T	\$382.00	\$382.00	\$2,288
Comm Manhole 5'-0"x5'-0" I.D. H-5 - H20 A,J,L,T	\$382.00	\$382.00	\$2,288
Comm Manhole 6'-0"x6'-0" W.I.D H-5 - H20 A,J,L,T	\$382.00	\$382.00	\$2,669
Comm Manhole 6'-0"x8'-0" I.D H-5 - H20 A,J,L,T	\$382.00	\$382.00	\$3,813
Comm Manhole 6'x8'x84" concrete w/castring/cover	\$382.00	\$382.00	\$3,432
Pedestals	Per Hour Cost	Installation per Unit	
BD3 PED-37 1/4"x25 1/4"x6 3/4"	\$307.00	\$307.00	
BD5 PED-43 1/2x3 1/4"x10 1/2"	\$307.00	\$307.00	
BD7 PED-48 33 1/8"x11 3/8"x23"	\$307.00	\$307.00	
Above Ground Fiber Huts	Per Hour Cost	Installation per Unit	
Fiber Hut - 8'x12'x9' concrete w/aggregate	\$750.00	\$6,000.00	
Ground Boxes	Per Hour Cost	Installation per Unit	
Ground Box 1'-3"x2'-6"x4'-0" I.D.	\$382.00	\$763.00	
Type 1 Ground Box 2'-0"x3'-0" I.D	\$382.00	\$763.00	
Type 2 Ground Box 3'-0"x3'-0" I.D	\$382.00	\$1,144.00	
Utility Vaults	Per Hour Cost	Installation per Unit	
Utility Vaults 3'x6'x51"	\$382.00	\$1,907.00	
Utility Vaults 4'x4'x51"	\$382.00	\$1,525.00	
Utility Vaults 4'x5'x51"	\$382.00	\$1,525.00	
Utility Vaults 4'x6'-6"x48"	\$382.00	\$1,907.00	

Pedestals	Per Hour Cost	Installation per Unit		
BD3 PED-37 1/4"X25 1/4"X6 3/4"	\$505.00	\$505.00		
BD5 PED-43 1/2x3 1/4"x10 1/2"	\$505.00	\$505.00		
BD7 PED-48 33 1/8"x11 3/8"x23"	\$505.00	\$505.00		
Above Ground Fiber Huts	Per Hour Cost	Installation per Unit		
Fiber Hut - 8'x12'x9' concrete w/aggregate	\$1,236.00	\$9,888.00		
Ground Boxes	Per Hour Cost	Installation per Unit		
Ground Box 1'-3"x2'-6"x4'-0" I.D.	\$629.00	\$1,257.00		
Type 1 Ground Box 2'-0"x3'-0" I.D.	\$629.00	\$1,257.00		
Type 2 Ground Box 3'-0"x3'-0" I.D.	\$629.00	\$1,885.00		
Utility Vaults	Per Hour Cost	Installation per Unit		
Utility Vaults 3'x6'x51"	\$629.00	\$3,142.00		
Utility Vaults 4'x4'x51"	\$629.00	\$2,514.00		
Utility Vaults 4'x5'x51"	\$629.00	\$2,514.00		
Utility Vaults 4'x6'-6"x48"	\$629.00	\$3,142.00		
Utility Vaults 5'x7'x84"	\$629.00	\$5,655.00		
Cabinets	Per Hour Cost	Installation per Unit		
CAD 4 Environmentally Controlled Cabinets	\$629.00	\$629.00		
CAD 6 Environmentally Controlled Cabinets	\$629.00	\$629.00		
CAD 8 Environmentally Controlled Cabinets	\$629.00	\$629.00		
CAD 12 Environmentally Controlled Cabinets	\$629.00	\$629.00		
CAD 16 Environmentally Controlled Cabinets	\$629.00	\$629.00		
UP 900 Environmentally Controlled Cabinets	\$629.00	\$629.00		
UP1000 Environmentally Controlled Cabinets	\$629.00	\$629.00		
UP1200 Environmentally Controlled Cabinets	\$629.00	\$629.00		
UP1246 Environmentally Controlled Cabinets	\$629.00	\$629.00		
UP1248 Environmentally Controlled Cabinets	\$629.00	\$629.00		
UP1652 Environmentally Controlled Cabinets	\$629.00	\$629.00		
Controlled Environment Vaults	Per Hour Cost	Installation per Unit		
Controlled Environment Vault 6'x16'	\$629.00	\$7,540.00		
Controlled Environment Vault 6' x 24'	\$629.00	\$10,053.00		

Note: Specific models and brands have not been identified allowing vendors to provide average costs of installation for like or equivalent items and types. Vendors should provide an average cost of installation with associated components such as Rings & Covers, Grade Rings, Cones and Risers etc. Cost associated with these items will be covered under the material section with a mark-up		

General Tower Site Maintenance – Hourly Rates

Rate Class	Rate Classifications	Hourly Rate
Rate Class 1	Maintenance work from ground level to 8 feet above ground level – ground level maintenance	\$111.00
Rate Class 2	Maintenance work from eight feet above ground level and higher – high tower maintenance	\$111.00
Rate Class 3	Maintenance that cannot be performed during the regular work week (Monday thru Friday, 8:00 A.M. to 5:00 P.M.) – emergency maintenance	\$200.00

	Year 1		Year 2		Year 3		Year 4		Year 5	
Location	Standard	Overtime	Standard	Overtime	Standard	Overtime	Standard	Overtime	Standard	Overtime
OKC	\$61.00	\$91.50	\$61.00	\$91.50	\$62.00	\$93.00	\$62.00	\$93.00	\$63.00	\$94.50
Tulsa	\$61.00	\$91.50	\$61.00	\$91.50	\$62.00	\$93.00	\$62.00	\$93.00	\$63.00	\$94.50
Statewide	\$61.00	\$91.50	\$61.00	\$91.50	\$62.00	\$93.00	\$62.00	\$93.00	\$63.00	\$94.50

Material provided by vendor shall be at verifiable vendor cost plus an amount not to exceed 20%.

Year 1 annual maintenance at the end of the warranty period will not exceed the fees identified and if the state elects maintenance and support after Year 1, the annual renewal fees shall not increase more than the lower of the CPI% or 3% (whichever is less) over the previous year's annual renewal fee.