	W" references roadway or highway work, and "RP" references rear property work Work Description				
	Project Management	Notes	Pricing Unit Description	Lump Sum Cor Per Circuit	
1	Project Management, including submission of Project Execution Plan		Lump Sum	166000.00	
2	Project Meetings and Reporting		Lump Sum	8100.00	
3	Project Close out		Lump Sum	8100.00	
4	Document Control for FEMA Compliance		Lump Sum	16200.00	
	Salety & Environmental			Lump Sum Co Per Circuit	
5	Salety Officer(s)	(Proposers to identify number of safety personnel expected to be utilized and plan for utilization)	Lump Sum	89000.00	
6	Environmental, Health & Safety Plan - Submission		Lump Sum	8100.00	
	Overhead Construction Services			Unit Price	
	(Remove or Install)			3	
12	Pole, dist, up to and including 50 FT wood, Rear property (RP)	Includes machine excavation, backfilling, debris removal and all cuts.	per pole		
13	Pole, dist, up to and including 50 FT wood, Hwy (RW)	Includes machine excavation, backfilling, debris removal and all cuts.	per pole		
14	Pole, dist, over 50 FT wood, Rear property	Includes machine excavation, backfilling, debris removal and all cuts.	per pole		
15	Pole, dist, over 50 FT wood, Hwy	Includes machine excavation, backfilling, debris removal and all cuts.	per pole		
16	Barrel, both ends removed, 35 inch high, 22.25 diam.	Includes machine excavation, backfilling & debris removal.	per barrel		
17	Hold pole, per hour, per pole, labor only*	Includes one man and truck	per hour / per pole		
18	Shift pole / Cut and kick	Use w/pole units. !ncludes cut and shift to set in place and removal of butt and debris. Use top pole if telephone remains on pole.	per pole		
19	Straighten pole	Include cribbing and/or adjusting existing guy	per pole		
20	Differential charge to hand dig pole - per pole	Used in addition to pole installation units.	per pole	_	
21	Differential charge to set pole with backhoe - per pole	Pole, wood, machine dig with backhoe includes backfill hole, tamp backfill, pole tags, numbering, reflectors, cover-up as requested and remove excess spoil. Includes position equipment; dig hole; pole; backfill & tamp; pole tags, remove spoil; includes incidental widening of the hole by hand digging.	per pole		
22	Differential charge for utilization of a rock drill - per pole or push brace	Pole, wood, machine dig with core bore. Includes backfill hole, tamp backfill, pole tags, numbering, reflectors, cover-up as requested and remove excess spoil. Includes position equipment; dig hole; pole backfill & tamp; pole tags, remove spoil; includes incidental widening of the hole by hand digging.	per pole or push brace		
23	Differential charge to install anchor with rock drill	Additional cost for utilization of a rock drill.	per anchor		

THOLE. FIVE	" references roadway or highway work, and "RP" refer	ences rear property work		
24	Crib, pole key, top & bottom	One unit for both	per crib or pole key	
25	Break hole in concrete, pavement Up to 6" in depth.	Includes debris removal and temp, paving. Contractor responsible for maintenance of temporary paving for 60	per pole	
26	Break hole in concrete, pavement Over 6" in depth.	days.	per pole	
27	8' to 10' anchor w/rod Hwy	Complete unit, includes all hardware. Removing includes cutting or removing	per anchor	
28	8' to 10' anchor w/rod Rear property	did district tod.	per anchor	
29	Swamp anchor	Complete unit, includes all hardware, guy guard, and bonding.	per swamp anchor	
30	Push brace	Push brace, wood, machine dig. Includes digging hole, setting push brace and associated hardware, backfilling, tamping, removal of excess spoil, pole tags, numbering and reflecting. each. Includes position equipment; dig hole; brace; hardware, backfill & tamp, remove spoil; pole tags	per push brace	
31	Install New Cross-arm or Transfer of existing Cross-arm, with insulators (Baseline Cost) RW		Per Pole	
32	Install New Cross-arm or Transfer of existing Cross-arm, with insulators (Baseline Cost) RP		Per Pole	
33	Spacer Cable Construction		Per Pole	
34	Attachment of ASUs or Reclosers to Poles, with Radios & RTUs		Per Pole	
35	Installation / Transfer / Removal of Equipment:	9 1303: 1/25=2-1 P		
36	Transformers:		Per Pole	
36.1	1 can OH transformer		Each	
36.2	1 can OH transformer, Rear property	Includes ALL connections, bonding, wildlife prot., hot sticking and customer	Each	
36.3	2 cans, AL, HLC, OH, transformer w/bracket		Each set of 2	
36.4	2 cans, AL, HLC, OH transformer w/bracket, Rear property		Each set of 2	
36.5	3 cans, AL, HLC, OH transformer w/bracket		Each set of 3	
37	Cut Outs all types		Each	
38	Capacitors RW		Each	
39	Capacitors RP		Each	
40	Voltage regulators RW		Each	
41	Voltage regulators RP		Each	
42	Lightening Arrestors RW	20 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	Each	
43	Lightening Arrestors RP		Each	
44	Disconnection Switch	North State of the Control of the Co	Per Switch	
45	In-line Disconnect Switch		Each	
46	Grounding:		Per Pole	
46.1	Down ground repair - per pole	Repair existing down grounds.	per pole	
46.2	Ground pole - per pole	installation of rod and connection of ground wire.	per pole	

-	Work Description			
48	Waste Handling, with lawful disposal (approved facility)	delivery and unlaoded only at site	Per Pole	
	Overhead Wire Installation			Unit Pric
50	Vegetation Management - Safety & Access Tree Trimming/Removal (optional)		Per 10,000 Feet	па
51	Removal and Installation of Primary Overhead Conductor:		Per 1000 Feet	
51.1	Open Wire		Per 1000 Feet	
51.2	Spacer Cable Installation:		Per 1000 Feet	
51.2.1	Primary conductor messenger per sect	Includes tensioning and securing conductor and equipment. Position pulling equipment, rollers, spider line & pull rope; pull conductor; tension and equipment removal, automatic splices are included in running of the messenger	per 200' section	
1.2.2	Primary conductor spacer cable	Space cable; Includes spacers, clipping in cable, slider line, pull rope, sagging and securing. per section per wire. (Does not include messenger assembly) Includes position pulling equipment; spider line & pull rope; pull conductor onto existing messenger; sagging; spacers, compression splices are a separate unit	per wire, per 200° section	
52	Removal and Installation of Secondary Overhead Conductor:		Per 1000 Feet	
52.1	Energized, per wire, per sect.	Includes all activities required to run wire. (running blocks, sisal cord, bull rope, wire shifts, clamps, deadening and resagging. All taps including start and termination points associated with the new wire run Energized conditions are used primarily for reconductoring. Deenergized is for running wire where no wire exists or no energized conductors exist.	per wire, per 200' section	
52.2	Energized, Rear property, per wire, per sect.	33.10	per wire, per 200' section	
52.3	DE-energized, per wire, per sect.		per wire, per 200' section	
52.4	DE-energized, Rear property, per wire, per sect.		per wire, per 200' section	
	Miscellaneous Overhead			Unit Price
53	Utilization of Rear Property Setting Machine*		Per Hour	
54	Utilization of Rear Property Bucket*		Per Hour	
	Overhead Risers - Primary / Secondary/Service	Complete installation including all hardware, bonding and connections.		Unit Price
55	1 PH, up to and including 3 in, riser primary		each riser	
56	1 PH, up to and including 3 in, rear prop, riser primary			

ole. Hy	V" references roadway or highway work, and "RP" references rear	property work	1899
	Work Description		
57	2 PH, greater than 3 to 5 in, tiser primary	each riser	
58	2 PH, greater than 3 to 5 in, rear property, riser primary	each riser	
59	3 PH, up to and including 3 in, riser primary	each riser	
60	3 PH, up to and including 3 in, rear property, riser primary	each riser	
61	3 PH, greater than 3 to 5 in, riser primary	each riser	
62	3 PH, greater than 3 to 5 in, rear property, riser primary	each riser	
63	3 PH, greater than 5 in, riser primary	each riser	
64	3 PH, greater than 5 in, rear property, riser primary	each riser	
65	15 KV pothead/terminator - each	each	
66	Install up to and including 3 in, 1 set, riser secondary	each riser	
67	Install up to and including 3 in, 1 set, rear property, riser secondary	each riser	
68	Install up to and including 3 in, 2 set, rear property, riser secondary	each riser	
69	Install up to and including 3 in, 2 set, rear property, riser secondary	each riser	
70	Install greater than 3 in, 1 SET, riser secondary	each riser	
71	Install greater than 3 in, 1 set, rear property, riser secondary	each riser	
72	Install greater than 3 in, 2 sets, riser secondary	each riser	
73	Install greater than 3 in, 2 sets, rear property, riser secondary	each riser	
74	Remove environmentally sensitive risers	each riser	
	Fiber Optics in Power Zone		Unit Price
75	Fiber optic constr. tangential trunkon, per pole	per pole	
76	Fiber optic constr, double dead end, per pole	per pole	
77	Fiber optic constr. double dead end, aerial coil, per pole	per pole	
78	Fiber optic constr, double dead end, aerial splice, per pole	per pole-splicing not included	

	/" references roadway or highway work, and "RP" references Work Description			
79	Fiber optic constr, dead end riser, per pole		per pole	
	Underground Construction Services			Unit Price
83	Roping Conduit		Per 500 Feet	
85	De-watering		Per 1000 Gallons	
106	Clean duct to clear blockage, per foot	(2 attempts) 3rd requires company approval	per foot	
107	Pull tri in duct, =750, per foot	Incl. cable prep and brushing of duct.	per foot	
108	Pull tri in duct, =1000, per foot	Incl. cable prep and brushing of duct.	per foot	
110	15KV splice up to 1/0, each	All splices inc. electronic markers and	each	
110	15KV splice greater than 1/0 up to an including 500 MCM, each	bonding.	each	
111	15KV splice greater than 500MCM - 1000 MCM, each		each	
110	25KV splice up to 1/0, each	All splices inc. electronic markers and	each	
110	25KV splice greater than 1/0 up to an including 500 MCM, each	bonding.	each	
111	25KV splice greater than 500MCM - 1000 MCM, each		each	
112	Lead to PE splice up to 3/0	All inclusive	each	
113	Lead to PE splice up to 350 - 500MCM	1 -	each	
114	Lead to PE splice up to 750 - 1000MCM	1 1	each	
115	Make sec. connections in splice box <=4/0 triplex cable	Per set in existing crab	per set	
116	Make sec. connections in splice box >4/0 triplex cable	1	per set	
117	Sec straight splice up to 350 per set	Per set (Do Not Use For BG)	per set	
118	Sec straight splice 500 per set	1	per set	
119	Straight splice 750 - 1000 per set	Per set	per set	
	Transformers, Enclosures, Cable Tap Assembly, Switch Gears, Potheads (EU)			Unit Price
142 -	Pad for switch gear	Include, excavation, and debris removal	each	
143	Install lightning arrestor, 15KV elbow, w/ parking stand if required	Includes ground and connections. Removing is included in cable removal	each	
144	Install 15KV elbow, w/ bushing if required	Incl. assembly and connection to system neutral, Removing is included in cable removal unit.	each	
145	Install 15KV pothead up to and including 1/0	All potheads include assembly. Includes bonding, connection to system, neutral, and fault location.	each	
146	15KV pothead greater than 1/0 up to and including 500MCM		each	
147	15KV pothead greater than 500MCM		each	
	Underground Risers - Primary / Secondary/Service	Complete installation including all hardware, bonding and connections.		Unit Price
148	1 PH, up to and including 3 in, riser primary		each riser	
149	1 PH, up to and including 3 in, rear prop, riser primary		each riser	
150	2 PH, greater than 3 to 5 in, riser primary		each riser	
151	2 PH, greater than 3 to 5 in, rear property, riser primary		each riser	

	" references roadway or highway work, and "RP" refer	ences real property work		
-	Work Description			
152	3 PH, up to and including 3 in, riser primary		each riser	50 SO
153	3 PH, up to and including 3 in, rear property, riser primary		each riser	
154	3 PH, greater than 3 to 5 in, riser primary		each riser	
155	3 PH, greater than 3 to 5 in, rear property, riser primary		each riser	
156	3 PH, greater than 5 in, riser primary		each riser	
157	3 PH, greater than 5 in, rear property, riser primary		each riser	
158	15 KV pothead/terminator - each		each	
158	25 KV pothead/terminator - each		each	
158	34.5 KV pothead/terminator - each		each	
159	Install up to and including 3 in, 1 set, riser secondary		each riser	
160	Install up to and including 3 in, 1 set, rear property, riser secondary		each riser	
161	Install up to and including 3 in, 2 set, rear property, riser secondary		each riser	
162	Install up to and including 3 in, 2 set, rear property, riser secondary		each riser	
163	Install greater than 3 in, 1 SET, riser secondary		each riser	- 22
164	Install greater than 3 in, 1 set, rear property, riser secondary		each riser	
165	Install greater than 3 in, 2 sets, riser secondary		each riser	
166	install greater than 3 in, 2 sets, rear property, riser secondary		each riser	
167	Remove environmentally sensitive risers		each riser	
	Miscellaneous Units (MU)			Unit Price
168	Install fault locators	Where not include in descriptions	each	1