



Republic of the Philippines  
**National Electrification Administration**

24 March 2006

MEMORANDUM

TO : **ALL ELECTRIC COOPERATIVES**

SUBJECT : Year 2006 Price Index of Equipment and Materials

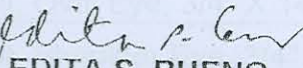
Attached is the Price Index of Equipment and Materials (E&M) for CY 2006, consisting of eleven (11) pages, to address the clamor of the electric cooperatives for NEA to come up with a more realistic listing of market prices of E&M, and to serve as the basis of our evaluation of budget requests (BRs).

Please be informed that the unit prices reflected in the Price Index are averages of the current market prices being used by fifteen (15) ECs from Luzon, Visayas and Mindanao after discarding the prices which are unusually too low or too high in comparison to the rest considering that we find it hard to get quotations from local manufacturers/suppliers. We also surfed the internet for the prices of the distribution materials, but no data are available since only the CEBECO prices are present in the web. There are, however, some items whose prices still carry the 2004 Price Index.

It should be noted that the unit prices of the four (4) major components of the distribution systems such as hardwares, conductors, transformers and poles increased while the prices of other materials remained the same. In NEA's evaluation of BRs, the 5% contingency had been retained to cushion the effect of price discrepancies at different regions, the different brands of E&M particularly the KWH meters, and to enable the ECs to also utilize concrete or steel poles, if found best. The twelve percent (12%) EVAT will be added in the evaluation too.

-This Price Index shall be used as reference for your future procurement. If you have information on prices for these E&M which are found much lower or higher than indicated, please advise the Engineering Department of NEA for proper dissemination too.

For your information and reference purposes.

  
**EDITA S. BUENO**  
Administrator

NATIONAL ELECTRIFICATION  
ADMINISTRATION

IN REPLY TO: PLS. REF: #0000306



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3/30/06

**PRICE INDEX**

2006 NEA Price Index

*As of March 31, 2006*

<b>DESCRIPTION</b>	<b>UNIT COST</b>
Anchor, Expanding, 10,000 Pounds, 8 Way, Galvanized Steel	474.32
Anchor, Rock	1.00
Adapter, Insulator, 5/8" X 1" In Thread	7.88
Attachment, Guy, Malleable Type With 11/16" Hole Diameter	50.36
Bolt, Carriage 3/8" X 4-1/2"	7.41
Bolt, Clevis, 5/8" X 12"	160.28
Bolt, Clevis, 5/8" X 14"	120.63
Bolt, Clevis, 3/4" X 14"	128.75
Bolt, Double Arming, 5/8" X 14"	45.58
Bolt, Double Arming, 5/8" X 16"	47.00
Bolt, Double Arming, 5/8" X 18"	50.30
Bolt, Double Arming, 5/8" X 20"	55.83
Bolt, Double Arming, 5/8" X 22"	59.45
Bolt, Double Arming, 5/8" X 24"	72.70
Bolt, Double Arming, 5/8" X 26"	65.90
Bolt, Double Arming, 3/4" X 26"	130.99
Bolt, Double Upset, 5/8" X 10"	55.26
Bolt, Oval Eye, 5/8" X 8"	55.30
Bolt, Oval Eye, 5/8" X 9"	56.88
Bolt, Oval Eye, 5/8" X 10"	60.78
Bolt, Oval Eye, 5/8" X 12"	59.76
Bolt, Oval Eye, 5/8" X 14"	62.53
Bolt, Oval Eye, 5/8" X 18"	87.40
Bolt, Oval Eye, 3/4" X 10"	89.31
Bolt, Oval Eye, 3/4" X 12"	95.55
Bolt, Oval Eye, 3/4" X 14"	99.75
Bolt, Shoulder Eye, 3/4" X 14"	157.90
Bolt, Shoulder Eye, 3/4" X 16"	191.63
Bolt, Thimble Eye, 5/8" X 8", Straight Type	54.18
Bolt, Thimble Eye, 5/8" X 9", Straight Type	67.07
Bolt, Thimble Eye, 5/8" X 10", Straight Type	67.30
Bolt, Thimble Eye, 5/8" X 12", Straight Type	52.50
Bolt, Machine, 1/2" X 6"	12.24
Bolt, Machine, 1/2" X 8"	15.62
Bolt, Machine, 1/2" X 10"	18.50
Bolt, Machine, 1/2" X 12"	26.48
Bolt, Machine, 5/8" X 5"	48.40
Bolt, Machine, 5/8" X 6"	36.35
Bolt, Machine, 5/8" X 8"	22.45

Bolt, Machine, 5/8" X 9"	29.75
Bolt, Machine, 5/8" X 10"	28.81
Bolt, Machine, 5/8" X 12"	33.69
Bolt, Machine, 5/8" X 14"	36.48
Bolt, Machine, 5/8" X 16"	35.75
Bolt, Machine, 5/8" X 18"	43.17
Bolt, Machine, 3/4" X 20"	65.00
Bolt, Machine, 3/4" X 26"	75.00
Bolt, Single Upset, 5/8" X 8"	60.43
Bolt, Single Upset, 5/8" X 9"	52.01
Bolt, Single Upset, 5/8" X 10"	49.41
Bolt, Single Upset, 5/8" X 12"	55.49
Bolt, Single Upset, 5/8" X 14"	55.17
Brace, Sidearm	201.13
Brace, Crossarm, 28" Steel or Wood (Each)	73.06
Brace, Crossarm, 60" - 18" Drop (Pair)	428.95
Brace, Sidearm, Vertical	500.00
Brace, Sidearm, Diagonal, 7 Feet	550.72
Brace, Angle, 1-1/2" X 1-1/2" X 3/16", 60" Span	585.00
Bracket, Angle Suspension, 3/4"	146.35
Bracket, Clevis Deadend Without Spool	75.77
Bracket, Transformer	352.77
Bracket, Cluster Type	132.93
Bracket, Extension, L Type	1.00
Bracket, Transformer, Secondary, With 1-3/4" Spool	170.63
Clamp, Hot Line, #2 - #4/0 ACSR Main to #2 - #4/0	259.15
Clamp, Anchor Rod Bonding, Single Eye	30.14
Clamp, Anchor Bonding For 3/4" Twin Eye Rod	39.86
Clamp, Loop Deadend, #6 to #2/0 ACSR	36.36
Clamp, Groundwire, Deadend, Strain, Clevis Type	295.00
Clamp, Deadend Strain, #4 - #4/0 ACSR	318.02
Clamp, Guy Straight, 3 Bolt Heavy Duty	107.10
Clamp, Suspension, Aluminum Alloy Clevis, 2 Bolts #2 ACSR Max.	318.96
Clamp, Suspension, Aluminum Alloy Clevis, 2 Bolts #2/0 ACSR	323.09
Clamp, Suspension, Aluminum Alloy Clevis, 2 Bolts #4/0 ACSR	367.50
Clamp, Suspension, Groundwire 3/8", 15,000 Pounds	294.00
Clamp, Guy Bond	1.00
Clamp, Pole, Single Support	162.00
Clamp, Pole, Double Support	1.00
Deadend Grip, Guy, 3/8", 7 W	36.25
Deadend Grip, Service, Preformed For #6 ACSR	106.15
Deadend Service, Wedge Type For Maximum #4 ACSR Conductor	57.60
Clevis, Secondary Swinging Without Spool	61.35

Clevis, Service, Deadend Without Spool  
Clevis, Service, Swinging Without Spool

43.71  
22.78

Shackle, Anchor, Forged Steel, Galvanized	80.19
Clip, Groundwire	8.75
Clip, Guy Wire	25.07
Clip. Band-it, Steel, 1/2"	1.00
Conductor, Bare, ACSR #4, AWG. 6/1 (MTS.)	11.23
Conductor, Bare, ACSR #2, AWG. 6/1 (MTS.)	20.25
Conductor, Bare, ACSR #1/0, AWG. 6/1 (MTS.)	29.77
Conductor, Bare, ACSR #2/0, AWG. 6/1 (MTS.)	33.18
Conductor, Bare, ACSR #3/0, AWG. 6/1 (MTS.)	39.33
Conductor, Bare, ACSR #4/0, AWG. 6/1 (MTS.)	52.97
Conductor, Insulated, ACSR #2, AWG. 6/1 (MTS.)	27.65
Conductor, Insulated, ACSR #1/0, AWG. 6/1 (MTS.)	62.35
Conductor, Insulated, ACSR #2/0, AWG. 6/1 (MTS.)	45.60
Conductor, Insulated, ACSR #3/0, AWG. 6/1 (MTS.)	56.18
Conductor, Insulated, ACSR #4/0, AWG. 6/1 (MTS.)	1.00
Conductor, Duplex, #6 AWG (MTS.)	18.55
Conductor, Duplex, #2, AWG. 6/1 (MTS.)	45.55
Conductor, Duplex, #1/0, AWG. 6/1 (MTS.)	61.00
Conductor, Duplex, #2/0, AWG. 6/1 (MTS.)	76.85
Conductor, Duplex, #3/0, AWG. 6/1 (MTS.)	1.00
Conductor, Duplex, #4/0, AWG. 6/1 (MTS.)	1.00
Connector, Compression, #6 - #4 ACSR Run To #14	32.88
Connector, Compression, #6 - #4 ACSR Run To #6 - #4	35.00
Connector, Compression, #6 - #1/0 ACSR Run To #6 - #2	48.42
Connector, Compression, #2 - #4/0 ACSR Run To #6 - #2	65.00
Connector, Compression, #1/0 - #2/0 ACSR Run To #1/0 - #2/0	70.48
Connector, Compression, #2/0 - #4/0 ACSR Run To #2/0 - #4/0	97.83
Connector, Compression, #6 ACSR, Service Sleeve	30.71
Connector, Ground Rod (Clamp) For 5/8" Steel Rod	17.15
Connector, Groundwire 3/8" For 5/8" Bolt	20.87
Connector, Groundwire 3/8" For 3/4" Bolt	24.04
Connector, Split Bolt	100.60
Bolt, S.S., 1/2" Diameter X 2" With 2 S.S. Flat Washers	69.56
Pin, Crossarm, Steel, 5/8" X 10-3/4"	93.96
Cutout And Arrester Combination	4,700.00
Cutout And Arrester Combination With Load Break	5,006.66
Cluster Type, Bracket	3,064.38
Oil Circuit Recloser, Crossarm Mounting	2,980.88
Hook, Guy	34.33
Hanger, Cluster Type, Transformer 3 - KVA	4,500.00
Hanger, Capacitor, Pole Mounted	1.00
Insulator, Pin Type, Porcelain, ANSI Class 55 - 3	87.75
Insulator, Pin Type, Porcelain, ANSI Class 55 - 5	159.00
Insulator, Spool, 1-3/8", ANSI Class 53 - 1	16.73
Insulator, Spool, 1-3/4", ANSI Class 53 - 2	16.21

Insulator, Spool, 3", ANSI Class 53 - 4	31.27
Insulator, Spool, ANSI Class 53 - 5	1.00
Insulator, Suspension, 6" Clevis Type	206.96
Insulator, Suspension, 5-3/4" X 10"	255.00
Insulator, Post Type With 7" Stud	1.00
Link, Fuse, Universal, Bottom Head, 2 Amperes, Std.	81.05
Link, Fuse, Universal, Bottom Head, 3 Amperes, Std.	85.16
Link, Fuse, Universal, Bottom Head, Type K, 6	86.05
Link, Fuse, Universal, Bottom Head, Type K, 8	86.86
Link, Fuse, Universal, Bottom Head, Type K, 12 Amperes	101.28
Link, Fuse, Universal, Bottom Head, Type K, 15 Amperes	101.25
Link, Fuse, Universal, Bottom Head, Type K, 25 Amperes	93.60
Link, Fuse, Universal, Bottom Head, Type K, 30 Amperes	103.17
Link, Fuse, Universal, Bottom Head, Type K, 40 Amperes	112.77
Link, Chain, 5/8" X 3 1/4"	807.50
Meter, KWH, Electronic, 1 Phase, Class 2, 15(30) A	882.75
Meter, KWH, 1 Phase, 240 V, 30 A, Bottom Connected	800.00
Meter, KWH, 1 Phase, Class 100, 2 W, 240 V, 60 Hz., 15 A, Form 1S	1,788.68
Meter, KWH, 1 Phase, Class 200, 3 W, 240 V, 60 Hz., 30 A, Form 2S	1,853.57
Meter, KWH, 3 Phase, Class 100, 3 W, 240 V, 5 Terminal	5,138.70
Meter, KWH, 3 Phase, Class 20, 3 W, 240 V, 8	19,737.38
Meter, KWH, 3 Phase, Class 200, 3 W, 240 V, 5 Terminal	7,705.69
Meter, KWH, 3 Phase, Class 20, 240 V, 4 Wire	30,000.00
Nut, Eye, 5/8" Conventional	59.58
Nut, Lock, Mf Type, 3/8"	5.98
Nut, Lock, Mf Type, 1/2"	6.27
Nut, Lock, Mf Type, 5/8"	7.08
Nut, Lock, Mf Type, 3/4"	8.00
Nut, Thimble Eye, 5/8" Single	65.60
Pin, Crossarm, Clamp Type, 1" Thread Diameter	305.84
Pin, Crossarm, Long Shank, 1" Thread Diameter	93.11
Pin, Pole Top, Channel, 1" Thread, 20" Long	109.94
Plate, Grounding, Pole Butt	54.00
Plate, Guy	41.03
Plate, Reinforcing, Crossarm, 6" X 8"	131.39
Rack, 2 Wire	1.00
Rack, 3 Wire	1.00
Rack, 4 Wire	1.00
Recloser, Oil Circuit, Type 4H, 100 A Frame, 0 A Coil	1.00
Regulator, Step Type, 0 A, KVA	1.00
Rod, Anchor, Threaded, Single Eye, 3/4" X	219.00

Rod, Anchor, Threaded, Single Eye, 5/8" X	245.89
Rod, Anchor, Threaded, Double Eye, 3/4" X 8'	312.75
Rod, Anchor, Threaded, Double Eye, 1" X 10'	1.00
Rod, Armor, Preformed For #2 ACSR, Single Set	182.38

Rod, Armor, Preformed For #2 ACSR, Double Set	296.30
Rod, Tapping, Preformed For #2 ACSR	118.00
Rod, Armor, Preformed For #4 ACSR, Single Set	58.75
Rod, Armor, Preformed For #4 ACSR, Double Set	74.89
Rod, Tapping, Preformed For #4 ACSR	33.47
Rod, Armor, Preformed For #1/0 ACSR, Single Set	323.00
Rod, Armor, Preformed For #1/0 ACSR, Double Set	384.00
Rod, Tapping, Preformed For #1/0 ACSR	192.00
Rod, Armor, Preformed For #2/0 ACSR, Single Set	420.65
Rod, Armor, Preformed For #2/0 ACSR, Double Set	307.24
Rod, Tapping, Preformed For #2/0 ACSR	214.20
Rod, Armor, Preformed For #3/0 ACSR, Single Set	1.00
Rod, Armor, Preformed For #3/0 ACSR, Double Set	1.00
Rod, Tapping, Preformed For #3/0 ACSR	1.00
Rod, Armor, Preformed For #4/0 ACSR, Single Set	578.00
Rod, Armor, Preformed For #4/0 ACSR, Double Set	685.00
Rod, Tapping, Preformed For #4/0 ACSR	67.46
Rod, Ground Steel, Galvanized, 5/8" X 8'	329.00
Rod, Ground Steel, Galvanized, 5/8" X 10'	300.09
Lag, Screw, 1/2" X 4"	11.33
Lag, Screw, 1/2" X 6"	10.50
Sectionalizer	1.00
Socket, Ring Type, 100 Amperes, Two 1" Hubs, 4 Jaws	285.00
Socket, Ringless, 200 Amperes, 4 Jaws	2,025.00
Socket, Ringless, With Auto Ckt. Closing Device, 8	1,982.75
Socket, Ringless, With Auto Ckt. Closing Device, 13 Jaws	1.00
Socket, Ringless, 100 Amperes, One 2" Hub, 5 Jaws	1.00
Socket, Ringless, 200 Amperes, 5 Jaws, With Interch. Hub	1,502.69
Spacer, Pipe, 3/4" X 1-1/2"	12.81
Splice, Compression Sleeve, 3/8"	25.20
Splice, Preformed, Full Tension For #2 ACSR	128.10
Splice, Preformed, Full Tension For #1/0 ACSR	184.94
Splice, Preformed, Full Tension For #2/0 ACSR	220.74
Splice, Preformed, Full Tension For #3/0 ACSR	1.00
Splice, Preformed, Full Tension For #4/0 ACSR	403.86



Staple, Groundwire, 1/2" X 2" (Pounds)	44.51
Strap, Band-it, Steel, 1/2"	26.00
Switch, Air Break, 3 Pole Unit 0 KV	1.00
Switch, Regulator, By-Pass Disconnect, 0 KV, 0 Bill, 0 A	1.00
Thimble, Guy	1.00
Transformer, Current, 15 KV Outdoor, Ratio	1.00
Transformer, Current, 15 KV Outdoor, Ratio 100/75/50/50:5A	38,620.83
Transformer, Current, 15 KV Outdoor, Ratio 150:5	5,287.44
Transformer, Current, 15 KV Outdoor, Ratio 200:5	6,640.00
Transformer, Current, 15 KV Outdoor, Ratio 300:5	5,588.00
Transformer, Current, 15 KV Outdoor, Ratio 400:5	4,867.00
Transformer, Current, 15 KV Outdoor, Ratio 7:1	39,500.00
Transformer, Current, 0.6 KV Outdoor,	1.00
Transformer, Potential, 0 KV Outdoor, Ratio	1.00
Transformer, Pole Type, CSP, 10 KVA	25,152.75
Transformer, Pole Type, CSP, 15 KVA	45,275.00
Transformer, Pole Type, CSP, 25 KVA	49,450.00
Transformer, Pole Type, CSP, 50 KVA	64,500.00
Transformer, Pole Type, Conventional, 5 KVA	1.00
Transformer, Pole Type, Conventional, 10 KVA	36,032.58
Transformer, Pole Type, Conventional, 15 KVA	40,772.10
Transformer, Pole Type, Conventional, 25 KVA	46,979.57
Transformer, Pole Type, Conventional, 37.5 KVA	56,785.00
Transformer, Pole Type, Conventional, 50 KVA	67,231.00
Transformer, Pole Type, Conventional, 100 KVA	119,204.50
Transformer, Pole Type, Conventional, 167 KVA	129,750.00
Transformer, Pole Type, Conventional, 250 KVA	205,000.00
Transformer, Pole Type, Conventional, 833 KVA	1.00
Capacitor, 25 KVAR	14,500.00
Capacitor, 50 KVAR	17,500.00
Capacitor, 100 KVAR	23,625.00
Capacitor, 150 KVAR	1.00
Washer, Square, Curve 4" X 4" X 1/4" With 15/16" Diameter Hole	56.47
Washer, Square, Flat 2-1/4" X 2-1/4" X 3/16", 13/16" Diameter Hole	8.49
Washer, Square, Flat 4" X 4" X 3/16"	59.28

Washer, Square, Flat 4" X 4" X 1/2" With 7/8" Diameter Hole	65.70
Washer, Round, 1-3/8" Diameter With 9/16" Diameter Hole	7.48
Washer, Square, Curved 3" X 3" X 5/16" With 11/16" Diameter	19.80
Wire, Tie, Aluminum Alloy, Soft, #4 AWG (Ft.)	5.92
Wire, Tape, Armor, Aluminum Alloy, 0.5 " X 0.3" (Ft.)	14.31
Wire, Grounding, Aluminum Alloy, 3 Strand, #4 AWG (Ft.)	5.99
Wire, Grounding, Galvanized, 3 Strand, 5/16" Diameter (Ft.)	6.91
Wire, Guy, Steel, 1/4"	5.50
Wire, Guy, Steel, 3/8", 7 Strand	17.74
Wire, Guy, High Strength, 3/8", Galvanized (Ft.)	17.52
Wire, Holder, Service, #22 X 2-1/2" Wood	44.90
Watt-Hour, Portable, Standard, 120/240 V 60 Hz.	93,776.50
Watt-Hour, Phantom Load	120,000.00

#### TIMBER/CONCRETE/STEEL MATERIAL

Pole, Wood, 25', Class 1	4,444.97
Pole, Wood, 25', Class 2	3,711.75
Pole, Wood, 25', Class 3	5,386.67
Pole, Wood, 25', Class 4	4,575.00
Pole, Wood, 25', Class 5	2,340.00
Pole, Wood, 25', Class 6	2,050.00
Pole, Concrete, 25'	5,070.25
Pole, Steel, 25'	7,324.25
Pole, Wood, 30', Class 1	5,667.06
Pole, Wood, 30', Class 2	6,500.00
Pole, Wood, 30', Class 3	7,053.00
Pole, Wood, 30', Class 4	5,837.50
Pole, Wood, 30', Class 5	3,710.00
Pole, Wood, 30', Class 6	2,710.00
Pole, Concrete, 30'	6,982.63
Pole, Steel, 30'	8,988.28
Pole, Wood, 35', Class 1	6,864.25

Pole, Wood, 35', Class 2	8,410.00
Pole, Wood, 35', Class 3	8,300.00
Pole, Wood, 35', Class 4	5,659.00
Pole, Wood, 35', Class 5	4,470.00
Pole, Concrete, 35'	9,464.25
Pole, Steel, 35'	11,344.61
Pole, Wood, 40', Class 1	8,630.37
Pole, Wood, 40', Class 2	12,825.00
Pole, Wood, 40', Class 3	11,747.44
Pole, Wood, 40', Class 4	7,090.00
Pole, Concrete, 40'	12,189.50
Pole, Steel, 40'	15,517.81
Pole, Wood, 45', Class 1	10,479.74
Pole, Wood, 45', Class 2	16,900.00
Pole, Wood, 45', Class 3	15,051.67
Pole, Wood, 45', Class 4	9,681.28
Pole, Concrete, 45'	19,038.29
Pole, Steel, 45'	18,250.00
Log, Anchor, 8" X 4'	892.67
Log, Anchor, 9" X 4-6'	735.00
Log, Anchor, 10" X 5'	840.00
Log, Anchor, 12" X 5'	1.00
Anchor, Concrete Block	269.00
Crossarm, Wood, 3-3/4" X 4-3/4" X 8'	1,149.50
Crossarm, Wood, 3-3/4" X 4-3/4" X 10'	1,369.75
Crossarm, Wood, 3-1/2" X 4-1/2" X 5'	610.00
Crossarm, Wood, 3-1/2" X 4-1/2" X 8'	1,400.00
Crossarm, Steel, 8'	1,299.00