



Republic of the Philippines
NATIONAL ELECTRIFICATION ADMINISTRATION
Quezon City

27 July 2004

NEA MEMORANDUM No. 2004-007

T O : ALL ELECTRIC COOPERATIVES
SUBJECT : Year 2004 Price Index of Equipment and Materials

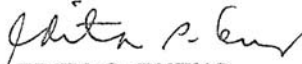
Attached is subject Price Index of Equipment and materials (E&M), consisting of ten (10) pages, to address the clamor of the electric cooperatives for NEA to come up with a more realistic listing of market prices of E&M and to serve as the basis of our evaluation of budget requests (BRs).

Please be informed that the unit prices reflected herein are averages of the current market prices being used by PENELCO, CEBECO, DANECO and some local manufacturers/suppliers, after discarding the prices which are unusually too low or too high in comparison to the rest. There are, however, some items whose prices carry the 2002 Provisional Price Index since they have been found to still be applicable.

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 by an average of 1.1%, 23.7%, 11.6% and 23.25%, respectively. Please note also that prices of concrete and steel poles have not been included since they are not among the usual materials being used by the ECs for distribution line construction. However, we are retaining the 5% contingency in the evaluation of BRs in order 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.

In case any electric cooperative finds prices lower than those listed herein, please inform NEA, attention Engineering Department, so that this information can be included, and be disseminated accordingly. For ECs which find higher prices and cannot find prices of materials as listed here, please inform NEA so that your electric cooperative can be assisted in sourcing these lower-priced materials.

For your information and reference purposes.


EDITA S. BUENO
Administrator

NATIONAL ELECTRIFICATION
ADMINISTRATION

IN REPLYING, PLS. CITE #0A005275



NER-0A005275

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7/23/04

Republic of the Philippines
NATIONAL ELECTRIFICATION ADMINISTRATION
Quezon City

July 22, 2004

MEMORANDUM

FOR : **EDITA S. BUENO**
Administrator

SUBJECT : Proposed Price Index of Equipment and Materials (E&M) for
Calendar Year 2004

With reference to your instruction and to address the clamor of our Electric Cooperatives (ECs) to come up with the revised price index that would reflect a more realistic market prices of E&M, we requested PENELCO, CEBECO, DANECO and some local manufacturers/suppliers to provide us with the current market prices of the E&M they are using to serve as our reference. We also surfed the web for the prices of our distribution materials, but to no avail since only the CEBECO prices are present in the web.

We found that the unit prices in Luzon, Visayas, Mindanao and from manufacturers/suppliers differ, hence, we decided to take the average price of the item but discarding the unit price which is too low or too high as compared to the rest. However, for E&M not included in the list of submitted data, we decided to retain the cost based on the 2002 Provisional Price Index. Attached marked Annex A is the outcome of our evaluation which we recommend for adoption.


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, the average increase in unit prices are 1.1%, 23.7%, 11.6% and 23.25%, respectively.

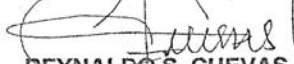
May we also recommend that the five percent (5%) contingency should still be added to the total material cost of the project for subsidy and RE Loans in order to cushion the effect of price discrepancies at different regions. Further, the Price Index could be used by the ECs as reference for their future procurement activities.

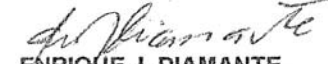
Attached also is the Worksheet of the Material Pricing (Annex B) which served as the basis in coming up with the E&M Price Index for 2004.

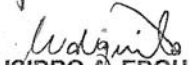
For your approval/signature. Thank you.

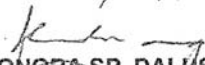
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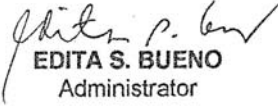

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Manager, PDUD

Recommending Approval:


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OIC, Engineering Department


EDILBERTO I. BASSIG
DA for Management Assistance Group

Approved:


EDITA S. BUENO
Administrator

NATIONAL ELECTRIFICATION
ADMINISTRATION

IN REPLYING, PLS. CITE: #OR005275



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NEA E&M PRICE INDEX
Base 2004

NEA CODE NO.	DESCRIPTION	Price
0093 38 10	Anchor, Expanding, 10,000 Lbs, 8 Way, Galvanized Steel	474.32
0215 02 00	Attachment, Guy, Malleable Type W/ 11/16" Hole Dia.	47.23
0631 03 04	Bolt, Carriage 3/8" X 4-1/2"	7.10
0632 05 12	Bolt, Clevis 5/8" X 12"	160.28
0632 05 14	Bolt, Clevis 5/8" X 14"	120.63
0632 03 14	Bolt, Clevis 3/4" X 14"	128.75
0633 05 14	Bolt, Double Arming, 5/8" X 14"	45.58
0633 05 16	Bolt, Double Arming, 5/8" X 16"	47.00
0633 05 18	Bolt, Double Arming, 5/8" X 18"	50.30
0633 05 20	Bolt, Double Arming, 5/8" X 20"	55.83
0633 05 22	Bolt, Double Arming, 5/8" X 22"	59.45
0633 05 24	Bolt, Double Arming, 5/8" X 24"	57.03
0633 05 26	Bolt, Double Arming, 5/8" X 26"	65.48
0634 16 26	Bolt, Double Arming, 3/4" X 26"	130.99
0635 05 10	Bolt, Double Upset, 5/8" X 10"	54.80
0636 15 08	Bolt, Oval Eye, 5/8" X 8"	55.30
0636 15 09	Bolt, Oval Eye, 5/8" X 9"	53.04
0636 15 10	Bolt, Oval Eye, 5/8" X 10"	52.97
0636 15 12	Bolt, Oval Eye, 5/8" X 12"	55.79
0636 15 14	Bolt, Oval Eye, 5/8" X 14"	62.53
0636 15 18	Bolt, Oval Eye, 5/8" X 18"	87.40
0636 16 10	Bolt, Oval Eye, 3/4" X 10"	89.31
0636 16 12	Bolt, Oval Eye, 3/4" X 12"	95.55
0636 16 14	Bolt, Oval Eye, 3/4" X 14"	99.75
0636 36 14	Bolt, Shoulder Eye, 3/4" X 14"	157.90
0636 36 16	Bolt, Shoulder Eye, 3/4" X 16"	191.63
0636 55 09	Bolt, Thin Die Eye, 5/8" X 9" Straight Type	67.07



NEA E&M PRICE INDEX
Base 2004

NEA CODE NO.	DESCRIPTION	Price
0636 55 10	Bolt, Thimble Eye, 5/8" X 10" Straight Type	67.30
0636 55 12	Bolt, Thimble Eye, 5/8" X 12" Straight Type	52.50
0638 04 06	Bolt, Machine, 1/2" X 6"	12.00
0638 04 08	Bolt, Machine, 1/2" X 8"	12.00
0638 04 10	Bolt, Machine, 1/2" X 10"	16.13
0638 04 12	Bolt, Machine, 1/2" X 12"	21.00
0638 05 05	Bolt, Machine, 5/8" X 5"	19.50
0638 05 06	Bolt, Machine, 5/8" X 6"	15.90
0638 05 08	Bolt, Machine, 5/8" X 8"	22.45
0638 05 09	Bolt, Machine, 5/8" X 9"	29.75
0638 05 10	Bolt, Machine, 5/8" X 10"	28.47
0638 05 12	Bolt, Machine, 5/8" X 12"	28.50
0638 05 14	Bolt, Machine, 5/8" X 14"	31.37
0638 05 16	Bolt, Machine, 5/8" X 16"	35.75
0638 05 18	Bolt, Machine, 5/8" X 18"	42.85
0638 06 20	Bolt, Machine, 3/4" X 20"	65.00
0638 06 26	Bolt, Machine, 3/4" X 26"	75.00
0639 05 08	Bolt, Single Upset, 5/8" X 8"	51.75
0639 05 09	Bolt, Single Upset, 5/8" X 9"	52.01
0639 05 10	Bolt, Single Upset, 5/8" X 10"	48.10
0639 05 12	Bolt, Single Upset, 5/8" X 12"	54.23
0639 05 14	Bolt, Single Upset, 5/8" X 14"	48.00
0753 51 28	Brace, Crossarm, 28" Steel or Wood (Each)	63.15
0753 51 68	Brace, Crossarm, 60" - 18" Drop (Pair)	428.95
0755 32 50	Brace, Sidearm, Vertical	500.00
0755 34 84	Brace, Sidearm, Diagonal, 7 Ft.	519.00
0780 06 00	Bracket, Angle Suspension, 3/4"	146.35

NEA E&M PRICE INDEX
Base 2004

NEA CODE NO.	DESCRIPTION	Price
0780 45 00	Bracket, Clevis Deadend W/O Spool	69.70
0780 98 00	Bracket, Transformer, Secondary, W/ 1-3/4" Spool	170.63
1141 19 10	Clamp, Hot Line, #2 - #4/0 ACSR Main to #2 - #4/0	168.67
1171 11 10	Clamp, Anchor Rod Bonding, Single Eye	28.50
1171 11 20	Clamp, Anchor Bonding For 3/4" Twin Eye Rod	39.86
1172 10 25	Clamp, Loop Deadend #6 to #2/0 ACSR	33.55
1172 48 87	Clamp, Groundwire, Deadend, Strain, Clevis Type	295.00
1172 33 35	Clamp, Deadend Strain #4 - #4/0 ACSR	251.30
1173 22 91	Clamp, Guy Straight, 3 Bolt Heavy Duty Steel	78.63
1174 22 19	Clamp, Suspension, Al. Alloy Clevis, 2 Bolts #2 ACSR Max.	318.96
1174 23 27	Clamp, Suspension, Al. Alloy Clevis, 2 Bolts #2/0 ACSR Max.	323.09
1174 23 35	Clamp, Suspension, Al. Alloy Clevis, 2 Bolts #4/0 ACSR Max.	367.50
1174 25 87	Clamp, Suspension, Groundwire 3/8", 15,000 Lbs.	294.00
1177 20 85	Deadend Grip, Guy, 3/8", 7 W	36.25
1177 30 19	Deadend Grip, Service, Preformed, For #6 ACSR	25.00
1178 00 21	Deadend Service, Wedge Type For Max. #4 ACSR Conductor	8.66
1230 12 01	Clevis, Secondary Swinging W/O Spool	48.33
1230 13 01	Clevis, Service, Deadend W/O Spool	43.71
1230 14 01	Clevis, Service, Swinging W/O Spool	16.85
1230 28 00	Shackle, Anchor, Forged Steel, Galvanized	66.70
1260 10 00	Clip, Groundwire	8.75
1260 15 38	Clip, Guy Wire	25.07
1511 02 61	Conductor, Bare, ACSR #2, AWG. 6/1 (MTS.)	17.05
1511 04 61	Conductor, Bare, ACSR #4, AWG. 6/1 (MTS.)	10.30
1511 10 61	Conductor, Bare, ACSR #1/0, AWG. 6/1 (MTS.)	27.12
1511 20 61	Conductor, Bare, ACSR #2/0, AWG. 6/1 (MTS.)	30.16
1511 40 61	Conductor, Bare, ACSR #4/0, AWG. 6/1 (MTS.)	52.46

NEA E&M PRICE INDEX
Base 2004

NEA CODE NO.	DESCRIPTION	Price
000 00010	Conductor, Bare, ACSR #336.4, MCM "Linnet" 26/7 (MTS.)	88.00
000 00011	Conductor, Insulated, ACSR #2, AWG. 6/1 (MTS.)	26.73
000 00012	Conductor, Insulated, ACSR #1/0, AWG. 6/1 (MTS.)	36.51
000 00013	Conductor, Insulated, ACSR #2/0, AWG. 6/1 (MTS.)	45.60
000 00014	Conductor, Insulated, ACSR #3/0, AWG. 6/1 (MTS.)	56.18
1612 06 01	Conductor, Duplex, #6 AWG (MTS.)	16.32
1612 02 02	Conductor, Duplex, #2 AWG (MTS.)	37.00
000 00015	Conductor, Duplex, #1/0 AWG (MTS.)	61.00
000 00016	Conductor, Duplex, #2/0 AWG (MTS.)	76.85
1701 16 02	Connector, Compression, #6 - #4 ACSR Run To #14	23.10
1701 16 35	Connector, Compression, #6 - #4 ACSR Run To #6 - #4	48.42
1701 16 39	Connector, Compression, #6 - #1/0 ACSR Run To #6 - #2	35.00
1701 16 43	Connector, Compression, #2 - #4/0 ACSR Run To #6 - #2	65.00
1701 16 51	Connector, Compression, #1/0 - #2/0 ACSR Run To #1/0 - #2/0	66.58
1701 16 59	Connector, Compression, #2/0 - #4/0 ACSR Run To #2/0 - #4/0	71.40
1705 70 07	Connector, Compression, #6 ACSR, Service Sleeve	30.71
1731 00 30	Connector, Ground Rod (Clamp) For 5/8" Steel Rod	17.15
1737 00 02	Connector, Groundwire 3/8" For 5/8" Bolt	20.87
1737 00 03	Connector, Groundwire 3/8" For 3/4" Bolt	24.04
1765 16 57	Connector, Split Bolt	100.60
1756 14 36	Bolt, S.S., 1/2" Dia. X 2" W/ 2 S.S. Flat Washers	69.56
1826 03 11	Pin, Crossarm, Steel, 5/8" X 10-3/4"	76.00
1834 13 21	Cutout And Arrester Combination	4,700.00
1835 13 12	Cutout And Arrester Combination W/ Load Break	5,006.66
3100 14 40	Cluster Type, Bracket	3,064.38
3100 45 41	Oil Circuit Recloser, Crossarm Mounting	2,980.88
3150 20 00	Hook, Guy	34.33

NEA E&M PRICE INDEX

Base 2004

NEA CODE NO.	DESCRIPTION	Price
3422 31 10	Insulator, Pin Type, Porcelain, ANSI Class 55 - 3	87.75
3426 10 11	Insulator, Spool, 1-3/8", ANSI Class 53 - 1	14.25
3426 20 11	Insulator, Spool, 1-3/4", ANSI Class 53 - 2	14.52
3426 40 11	Insulator, Spool, 3", ANSI Class 53 - 4	27.83
3428 10 11	Insulator, Suspension, 6" Clevis Type	192.67
3428 30 11	Insulator, Suspension, 5-3/4" X 10"	255.00
3612 00 02	Link, Fuse, Universal, Buttom Head, 2 Amp., Std.	58.80
3612 00 03	Link, Fuse, Universal, Buttom Head, 3 Amp., Std.	59.60
3612 00 06	Link, Fuse, Universal, Buttom Head, Type K, 6 Amp.	68.07
3612 00 08	Link, Fuse, Universal, Buttom Head, Type K, 8 Amp.	68.07
3612 00 12	Link, Fuse, Universal, Buttom Head, Type K, 12 Amp.	68.07
3612 00 15	Link, Fuse, Universal, Buttom Head, Type K, 15 Amp.	68.73
3612 00 25	Link, Fuse, Universal, Buttom Head, Type K, 25 Amp.	82.07
3612 00 30	Link, Fuse, Universal, Buttom Head, Type K, 30 Amp.	82.07
3612 00 40	Link, Fuse, Universal, Buttom Head, Type K, 40 Amp.	85.10
3991 13 05	Meter, KWH, 1 Ph, 240 V, 30 A, Bottom Connected	800.00
3991 13 93	Meter, KWH, 1 Ph, Class 100, 2 W, 240 V, 60 Hz, 15 A, Form 1S	1,788.68
3991 14 93	Meter, KWH, 1 Ph, Class 200, 3 W, 240 V, 60 Hz, 30 A, Form 2S	1,853.57
3994 13 73	Meter, KWH, 3 Phase, Class 100, 3 W, 240 V, 5 Terminal	5,138.70
3994 33 51	Meter, KWH, 3 Phase, Class 20, 3 W, 240 V, 8 Terminal	19,737.38
3994 33 54	Meter, KWH, 3 Phase, Class 200, 3 W, 240 V, 5 Terminal	7,705.69
3997 33 55	Meter, KWH, 3 Phase, Class 20, 240 V, 4 Wire	20,548.50
4290 10 63	Nut, Eye, 5/8" Conventional	47.10
4290 30 38	Nut, Lock, Mf Type, 3/8"	3.50
4290 30 50	Nut, Lock, Mf Type, 1/2"	4.50
4290 30 63	Nut, Lock, Mf Type, 5/8"	5.50
4290 30 75	Nut, Lock, Mf Type, 3/4"	8.00

NEA E&M PRICE INDEX
Base 2004


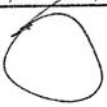
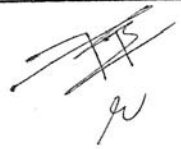
NEA CODE NO.	DESCRIPTION	Price
4541 60 63	Nut Thimble Eye, 5/8" Single Eye	65.00
4541 12 54	Pin, Crossarm, Clamp Type, 1" Thread Dia.	305.84
4541 21 51	Pin, Crossarm, Long Shank, 1" Thread Dia.	71.50
4561 21 20	Pin, Pole Top, Channel, 1" Thread, 20" Long	105.93
4680 04 27	Plate, Grounding, Pole Butt	54.00
4680 06 19	Plate, Guy	29.60
4680 08 21	Plate, Reinforcing, Crossarm, 6" X 8"	131.39
5361 43 08	Rod, Anchor, Threaded, Single Eye, 3/4" X 8'	219.00
5361 85 07	Rod, Anchor, Threaded, Single Eye, 5/8" X 7'	192.62
5362 43 08	Rod, Anchor, Threaded, Double Eye, 3/4" X 8'	312.75
5371 70 21	Rod, Armor, Preformed, For #2 ACSR, Single Set	119.08
5371 70 22	Rod, Armor, Preformed, For #2 ACSR, Double Set	296.30
5371 70 23	Rod, Tapping, Preformed, For #2 ACSR	28.35
5371 70 41	Rod, Armor, Preformed, For #4 ACSR, Single Set	58.75
5371 70 42	Rod, Armor, Preformed, For #4 ACSR, Double Set	74.89
5371 70 43	Rod, Tapping, Preformed, For #4 ACSR	33.47
5371 71 01	Rod, Armor, Preformed, For #1/0 ACSR, Single Set	172.07
5371 71 02	Rod, Armor, Preformed, For #1/0 ACSR, Double Set	181.65
5371 71 03	Rod, Tapping, Preformed, For #1/0 ACSR	62.16
5371 72 01	Rod, Armor, Preformed, For #2/0 ACSR, Single Set	160.00
5371 72 02	Rod, Armor, Preformed, For #2/0 ACSR, Double Set	259.00
5371 72 03	Rod, Tapping, Preformed, For #2/0 ACSR	58.67
5371 74 01	Rod, Armor, Preformed, For #4/0 ACSR, Single Set	196.09
5371 74 02	Rod, Armor, Preformed, For #4/0 ACSR, Double Set	228.38
5371 74 03	Rod, Tapping, Preformed, For #4/0 ACSR	67.46
5386 85 08	Rod, Ground Steel, Galvanized, 5/8" X 8'	263.00
5386 85 10	Rod, Ground Steel, Galvanized, 5/8" X 10'	260.00

NEA E&M PRICE INDEX
Base 2004

NEA CODE NO.	DESCRIPTION	Price
5550 44 40	Lag, Screw, 1/2" X 4"	11.33
5550 44 60	Lag, Screw, 1/2" X 6"	10.50
5910 12 12	Socket, Ring Type, 100 Amps., Two 1" Hubs, 4 Jaws	270.38
5910 25 15	Socket, Ringless, 200 Amps., 4 Jaws	1,515.56
5910 21 53	Socket, Ringless, W/ Auto Ckt. Closing Device, 8 Jaws	1,982.75
5910 25 25	Socket, Ringless, 200 Amps., 5 Jaws, W/ Interch. Hub	1,502.69
6000 75 01	Spacer, Pipe, 3/4" X 1-1/2"	6.00
6063 16 60	Splice, Compression Sleeve, 3/8"	25.20
6066 59 19	Splice, Preformed, Full Tension, For #2 ACSR	128.10
6066 59 14	Splice, Preformed, Full Tension, For #1/0 ACSR	184.94
6066 59 24	Splice, Preformed, Full Tension, For #2/0 ACSR	212.87
6066 59 44	Splice, Preformed, Full Tension, For #4/0 ACSR	403.86
6180 28 10	Staple, Groundwire, 1/2" X 2" (Lbs.)	32.04
6932 42 11	Transformer, Pole Type, CSP, 10 KVA	25,152.75
6932 42 13	Transformer, Pole Type, CSP, 15 KVA	30,994.69
6932 42 15	Transformer, Pole Type, CSP, 25 KVA	38,000.00
6932 42 17	Transformer, Pole Type, CSP, 50 KVA	61,000.00
6936 25 11	Transformer, Pole Type, Conventional, 10 KVA	27,129.00
6936 25 13	Transformer, Pole Type, Conventional, 15 KVA	30,881.46
6936 25 15	Transformer, Pole Type, Conventional, 25 KVA	38,853.47
6936 25 17	Transformer, Pole Type, Conventional, 37.5 KVA	45,350.00
6936 25 19	Transformer, Pole Type, Conventional, 50 KVA	63,064.90
6936 25 20	Transformer, Pole Type, Conventional, 75 KVA	81,163.00
6936 25 21	Transformer, Pole Type, Conventional, 100 KVA	119,204.50
6936 25 23	Transformer, Pole Type, Conventional, 167 KVA	125,000.00
6939 25 25	Transformer, Pole Type, Conventional, 250 KVA	205,000.00

NEA E&M PRICE INDEX
Base 2004

NEA CODE NO.	DESCRIPTION	Price
7101 30 71	Washer, Square, Curve 4" X 4" X 1/4" W/ 15/16" Dia. Hole	18.64
7102 04 51	Washer, Square, Flat 2-1/4" X 2-1/4" X 3/16"	7.13
7102 28 51	Washer, Square, Flat 4" X 4" X 3/16"	59.28
7102 35 81	Washer, Square, Flat 4" X 4" X 1/2" W/ 7/8" Dia. Hole	65.70
7103 59 31	Washer, Round, 1-3/8" Dia. X 12 Ga.	3.75
7107 17 41	Washer, Square, Curved 3" X 3" X 1/4" W/ 11/16" Dia. Hole	19.80
7232 04 01	Wire, Tie, Aluminum, Alloy, Soft, #4 AWG (Ft.)	2.42
7232 00 20	Wire, Tape, Armor, Al. Alloy, 0.5 " X 0.3" (Ft.)	2.27
7232 04 03	Wire, Ground, Aluminum Ec. Grade, #4 (Ft.)	3.25
7270 00 03	Wire, Grounding, Galvanized, 5/16" (Ft.)	5.30
7383 83 07	Wire, Guy, Steel, 3/8", 7 Strand (Ft.)	17.74
7386 83 07	Wire, Guy, High Strength, 3/8", Galvanized (Ft.)	9.19
7510 10 22	Wire, Holder, Service, #22 X 2-1/2" Wood	33.34

NEA E&M PRICE INDEX
Base 2004

NEA CODE NO.	DESCRIPTION	Price
TIMBER MATERIAL		
4822 51 51	Pole, Wood, 25/1	4,444.97
4822 52 51	Pole, Wood, 25/2	3,711.75
4822 53 51	Pole, Wood, 25/3	4,860.00
4822 54 51	Pole, Wood, 25/4	3,309.39
4823 01 51	Pole, Wood, 30/1	5,667.06
4823 02 51	Pole, Wood, 30/2	5,390.00
4823 03 51	Pole, Wood, 30/3	6,741.67
4823 04 51	Pole, Wood, 30/4	4,010.00
4823 51 51	Pole, Wood, 35/1	6,864.25
4823 52 51	Pole, Wood, 35/2	6,689.00
4823 53 51	Pole, Wood, 35/3	8,300.00
4824 01 51	Pole, Wood, 40/1	8,630.37
4824 02 51	Pole, Wood, 40/2	8,499.00
4824 03 51	Pole, Wood, 40/3	9,875.00
4824 51 51	Pole, Wood, 45/1	10,479.74
4824 52 51	Pole, Wood, 45/2	9,910.00
4824 53 51	Pole, Wood, 45/3	14,070.00
4824 55 51	Pole, Wood, 50/1	24,500.00
4824 57 51	Pole, Wood, 50/3	16,800.00
4824 58 51	Pole, Wood, 55/1	28,500.00
4824 60 51	Pole, Wood, 55/3	19,625.00
4824 61 51	Pole, Wood, 60/1	32,500.00
4824 64 51	Pole, Wood, 65/1	37,050.00

NEA E&M PRICE INDEX
Base 2004

NEA CODE NO.	DESCRIPTION	Price
0099 54 08	Anchor Log 8" X 4'	600.00
0099 54 69	Anchor Log 9" X 4-6'	735.00
0099 51 10	Anchor Log 10" X 5'	840.00
1826 03 11	Crossarm, Wood, 3-3/4" X 4-3/4" X 8'	1,149.50
1826 05 11	Crossarm, Wood, 3-3/4" X 4-3/4" X 10'	1,166.00
1826 01 12	Crossarm, Wood, 3-1/2" X 4-1/2" X 5'	610.00
1826 01 11	Crossarm, Wood, 3-1/2" X 4-1/2" X 8'	1,400.00

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