

Bill Ryan:

Some ideas about the money part of the transmitter project.

Account 1410 *1410* No depreciation: This includes clearing, Land and the surveyor. Total \$202,700. Basically this has been spent, except for odds and ends, and is not of much help to offset other areas

Account 14070 6 year depreciation: This includes the following E orders

|                          |                |
|--------------------------|----------------|
| 3289 DD consult ants     | 40,700         |
| 3289 G Transm. line      | 24,000         |
| 3289 GG Transm. line     | 76,200         |
| 3289 H Ant. Monitor      | 1,013          |
| 3289 J Phasing equipment | 78,000         |
| 3289 JJ Phasing "        | 19,200         |
| 3289 M Tower Lighting    | 6,000          |
| 3289 P Install Ground    | 36,300         |
| 3289 R Generator         | 17,000         |
| Total                    | <u>298,413</u> |

Account 14030 20 Year Depreciation This includes the following E orders

|                      |                |
|----------------------|----------------|
| 3289 D Consultants   | 43,500         |
| 3289 M Towers        | 160,000        |
| 3289 MM Towers Addnl | 135,900        |
| 3289 S Road          | 25,000         |
| 3289 T Fencing       | 15,000         |
| Total                | <u>379,400</u> |

Account 14040 45 Year Depreciation Includes the following E Orders

|                  |                |
|------------------|----------------|
| 3289 K Doghouses | 40,000         |
| 3289 L Architect | 2,000          |
| 3289 LL "        | 6,000          |
| 3289 Q Building  | 88,000         |
| Total            | <u>136,000</u> |

TOTALS THIS PAGE 1,098,013

## Ideas about money part of transmitter project

## Expense E Orders

|                          |        |        |
|--------------------------|--------|--------|
| 3289 C Consultants       | 21,300 | Closed |
| 3289 U Technicians wages | 56,500 |        |
| 3289 V Guard Service     | 7,000  |        |
| 3289 W Transportation    | 5,000  |        |
| 3289 X Transmitter mods  | 4,000  |        |
| 3289 Y Remove old towers | 9,000  |        |
| total open               | 81,500 |        |

As you can see, the area where we are likely to run short of money, appears to be in the building and road problems with the water, and the areas where we are possibly able to save are in the 6 year and 20 year depreciation accounts.

This may pose a problem, and some E order modifications may have to be written. When Charles Magee becomes available we should ask his advice on this.

Finally, we will have to examine how Bill Randolph's work has been charged against "E orders in the past to be sure that no work in foundations and pilings have been charged against the building except what actually is part of the building.

Bruce H. Ratts

2/9/76

WIND TRANSMITTER SITE RECONSTRUCTION PROJECT

Revised Cost Allocation by Account (in thousands)

(April 1, 1976 Completion Date Assumed)

|   | 14010    | 14070  | 14030   | 14040   | 1974     | 1975    | 1976 | 1977 |
|---|----------|--------|---------|---------|----------|---------|------|------|
|   | No Depr. | 6 yrs. | 20 yrs. | 45 yrs. |          | Expense |      |      |
| Land  | 182.0    |        |         |         |          |         |      |      |
| Ground System                                     |          | 65.3   |         |         |          |         |      |      |
| Phasing System                                    |          | 97.2   |         |         |          |         |      |      |
| Transmission Lines                                |          | 100.2  |         |         |          |         |      |      |
| Tuning Houses                                     |          |        |         |         |          |         |      |      |
| Transmitter Building                              |          |        |         | 35.5    |          |         |      |      |
| Consultants (Environmental,<br>Engineering, etc.) |          |        |         | 88.0    |          |         |      |      |
| Consulting Engineers                              |          |        | 84.2    |         | (closed) | 21.3    |      |      |
| Architect   |          |        |         |         |          |         |      |      |
| Surveyor  | 6.0      |        |         | 8.0     |          |         |      |      |
| Technician Wages                                  |          |        |         |         |          |         |      |      |
| Guard Service                                     |          |        |         |         |          |         |      |      |
| Emergency Generator                               |          | 17.0   |         |         |          |         |      |      |
| Site Clearing                                     | 19.5     |        |         |         |          |         | 7.0  | 19.0 |
| Transportation                                    |          |        |         |         |          |         |      |      |
| Road Construction                                 |          |        |         |         |          | 2.0     |      | 3.0  |
| Fencing   |          |        | 25.0    |         |          |         |      |      |
| Transmitter Modifications                         |          |        | 15.0    |         |          |         |      |      |
| New Towers  |          |        |         |         |          |         |      |      |
| Tower Lighting                                    |          | 6.0    | 295.9   |         |          |         |      | 4.0  |
| Remove Old Towers                                 |          |        |         |         |          |         |      |      |
| Sub-Totals  | 207.5    | 285.7  | 420.1   | 131.5   | 21.3     | 13.0    | 9.0  | 19.0 |
| Sub-Total   |          |        |         |         |          |         |      |      |
| 5% Contingency Fund (Not Allocated)               |          |        |         |         |          |         |      |      |
| Grand Total                                       |          |        |         |         |          |         |      |      |

1,147.6  
57.0  
1,204.6

# ORDERS By DEPRECIATION SCHEDULE

E ORDER #3289-

TITLE

| DATE | PAID TO                | REF. #  | AMOUNT OF INVOICE | CUMULATIVE AMOUNT SPENT | BALANCE LEFT ON ORDER |
|------|------------------------|---------|-------------------|-------------------------|-----------------------|
| 1    | Opening E-order amount |         |                   |                         |                       |
| 2    |                        |         |                   |                         |                       |
| 3    | 14010                  | 14070   | 14030             | 14040                   |                       |
| 4    | NO                     | 6 YEAR  | 20 YR             | 45 YEAR                 |                       |
| 5    | DEPR                   | DEPR    | DEPR              | DEPR                    |                       |
| 6    |                        |         |                   |                         |                       |
| 7    | 3289 A GROUND COVER    | 29000 - |                   |                         |                       |
| 8    | 3289 B SURVEYOR 2500   |         |                   |                         |                       |
| 9    | 3289 BB SURVEYOR 3500  |         |                   |                         |                       |
| 10   | 3289 D CONSULTS        |         | 43500             |                         |                       |
| 11   | 3289 DD CONSULTS       | 40700   |                   |                         |                       |
| 12   | 3289 E CLEARING 19000  |         |                   |                         |                       |
| 13   | 3289 F LAND 182000     |         |                   |                         |                       |
| 14   | 3289 G XMM LINE        | 24000   |                   |                         |                       |
| 15   | 3289 GG XMM LINE       | 76200   |                   |                         |                       |
| 16   | 3289 H MONITOR         | 1013    |                   |                         |                       |
| 17   | 3289 J PILING          | 78000   |                   |                         |                       |
| 18   | 3289 JJ PILING         | 19200   |                   |                         |                       |
| 19   | 3289 K DOORHOUSES      |         |                   | 40000                   |                       |
| 20   | 3289 L ARCHITECT       |         |                   | 2000                    |                       |
| 21   | 3289 LL ARCHITECT      |         |                   | 6000                    |                       |
| 22   | 3289 M TOWERS          |         | 160000            |                         |                       |
| 23   | 3289 MM TOWERS         |         | 135900            |                         |                       |
| 24   | 3289 N TOWER LIGHTING  | 6000    |                   |                         |                       |
| 25   | 3289 P INSTALL GROUND  | 36300   |                   |                         |                       |
| 26   | 3289 Q BUILDING        |         |                   | 88000                   |                       |
| 27   | 3289 R GENERATOR       | 17600   |                   |                         |                       |
| 28   | 3289 S ROAD            |         | 25000             |                         |                       |
| 29   | 3289 T FENCING         |         | 15000             |                         |                       |
| 30   |                        |         |                   |                         |                       |
| 31   |                        | 207000  |                   |                         |                       |
| 32   |                        |         |                   |                         |                       |
| 33   |                        |         |                   |                         |                       |
| 34   |                        |         |                   |                         |                       |
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| 38   |                        |         |                   |                         |                       |
| 39   |                        |         |                   |                         |                       |
| 40   |                        |         |                   |                         |                       |

# EXPENSE E ORDERS

E ORDER #3289-

TITLE

| DATE | PAID TO                | REF. #         | AMOUNT OF INVOICE | CUMULATIVE AMOUNT SPENT | BALANCE LEFT ON ORDER |
|------|------------------------|----------------|-------------------|-------------------------|-----------------------|
| 1    | Opening E-order amount |                |                   |                         |                       |
| 2    |                        | 1974           | 1975              | 1976                    | 1977                  |
| 3    |                        |                |                   |                         |                       |
| 4    | 3289-C                 | 21300          |                   |                         |                       |
| 5    | CLOSED CONSULTANTS     |                |                   |                         |                       |
| 6    |                        |                |                   |                         |                       |
| 7    |                        |                |                   |                         |                       |
| 8    | 3289-U                 | TECH WAGES     | 37500             | 19000                   |                       |
| 9    |                        |                |                   |                         |                       |
| 10   | 3289 V                 | GUARD SVC      | 7000              |                         |                       |
| 11   |                        |                |                   |                         |                       |
| 12   | 3289 W                 | TRANSPORTATION | 5000              |                         |                       |
| 13   |                        |                |                   |                         |                       |
| 14   | 3289 X                 | TRANS MOVS     | 4000              |                         |                       |
| 15   |                        |                |                   |                         |                       |
| 16   | 3289 Y                 | REMOVE TOWERS  | 9000              |                         |                       |
| 17   |                        |                |                   |                         |                       |
| 18   |                        |                |                   |                         |                       |
| 19   |                        |                |                   |                         |                       |
| 20   |                        |                |                   |                         |                       |
| 21   |                        |                |                   |                         |                       |
| 22   |                        |                | 62500             | 19000                   |                       |
| 23   |                        |                |                   |                         |                       |
| 24   |                        |                |                   |                         |                       |
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| 39   |                        |                |                   |                         |                       |
| 40   |                        |                |                   |                         |                       |



ADVANCE INDUSTRIES INC

INVOICES APPROVED

E 46-3289K

| INVOICE |                                    | ITEM  | COST                     | DATE APPROVED | TOTAL TO DATE |
|---------|------------------------------------|---|--------------------------|---------------|---------------|
| DATE    | NUMBER                             |   |                          |               |               |
| 2/17/76 | }                                  | PREVIOUSLY APPROVED                         |                          |               |               |
|         |                                    |   |                          |               |               |
| 2/17/76 | 5716                               | 1 BUILDING 8'x12'x8'<br>SHIPPED TO CSP INC  | 6739 00                  | 2/23/76       |               |
| 2/24/76 | 5704                               | 3 BUILDINGS 8'x10'x8'<br>SHIPPED TO CSP INC |                          |               |               |
|         | TOTAL                              |   | 19329 00<br>\$ 26,128 00 | 2/24/76       |               |
| 3/9/76  | above changed direct to E 46-3289K |   |                          |               |               |

CABLEWAVES SYSTEMS INC

E

32896

| INVOICE                               |         |                    |                |               |               |    |
|---------------------------------------|---------|--------------------|----------------|---------------|---------------|----|
| DATE                                  | NUMBER  | ITEM               | COST           | DATE APPROVED | TOTAL TO DATE |    |
| 1/6/76                                | 00131   | TRANSMISSION LINE  | 4553           |               |               | 1  |
|                                       | (14900) | + FITTINGS         | 3309652        | 2/24/76       |               | 2  |
| 1/6/76                                | 00167   | CABLE HOIST        | 83.33          | 2/24/76       |               | 5  |
| 1/6/76                                | 00172   | CABLE HOIST        | 124.95         | 2/24/76       |               | 7  |
| 1/15/76                               | 00401   | TRANSMISSION LINE  | 1998.56        | 2/24/76       |               | 9  |
|                                       | (14900) | + FITTINGS         |                |               |               | 10 |
| 1/15/76                               | 01014   | TRANSMISSION LINE  | 1217.95        | 2/24/76       |               | 12 |
|                                       | (14900) | + FITTINGS         |                |               |               | 13 |
| 1/7/76                                | 00240   | FREIGHT CHARGES    | 426.99         | 2/24/76       |               | 15 |
|                                       | (14900) | AGAINST 00131      |                |               |               | 16 |
| 1/21/76                               | 00549   | PLASTIC TUBING KIT | 19.73          | 2/24/76       |               | 18 |
|                                       | 14900   | + ACCESSORIES      |                |               |               | 19 |
| 1/15/76                               | 00552   | TRANSMISSION LINE  |                |               |               | 21 |
|                                       | (14900) | FITTINGS           | 1249.41        | 2/24/76       |               | 22 |
|                                       |         |                    | <u>3821734</u> |               |               | 24 |
| above transferred to charge out sheet |         |                    |                | 3/10/76       | RTA           | 26 |



CSP INC

| DATE     | INVOICE NUMBER              | ITEM          | COST            | DATE APPROVED | TOTAL TO DATE |
|----------|-----------------------------|---------------|-----------------|---------------|---------------|
| 10/30/75 | BEP 014-75<br>E 46-3289 J   | DOWN PAYMENT  | 14644.79        |               |               |
| 10/30/75 | BEP 015-A-75<br>E 46-3289 K | DOWN PAYMENT  | 6074.40         |               |               |
| 3/9/76   |                             |               | <u>20719.19</u> |               |               |
|          | TOTAL GORMAN                | 14040         |                 |               |               |
|          |                             | 43,909        |                 |               |               |
|          |                             | <u>67,949</u> |                 |               |               |
|          | Paid                        | <u>20,719</u> |                 |               |               |
|          | Balance                     | 47,230        |                 |               |               |
|          | Appx Total                  |               | 97,200          |               |               |
|          |                             | -             | <u>47,230</u>   |               |               |
|          |                             |               | 49,970          |               |               |
|          |                             |               | <u>21,915</u>   |               |               |
|          |                             |               | 28,065          |               |               |



# DECCA AUSTIN INSULATORS

( E46-2389 N )

|    | INVOICE        | ITEM           | COST     | DATE     |
|----|----------------|----------------|----------|----------|
|    | DATE #         |                |          | APPROVED |
| 1  |                |                |          |          |
| 2  | 12/30/75 00204 | DECCA AUSTIN   |          |          |
| 3  |                | 4 ADDI TRANS   | } 419900 | 2/2/76   |
| 4  |                | 4 A 3501 TRANS |          |          |
| 5  |                |                |          |          |
| 6  |                |                |          |          |
| 7  |                |                |          |          |
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| 40 |                |                |          |          |



ITT JENNINGS / OZ JAEGER

| DATE    | INVOICE NUMBER | ITEM   | COST                                      | DATE APPROVED | TOTAL TO DATE |
|---------|----------------|--|---|---------------|---------------|
|         |                |  |   |               | 1,121         |
| 2/25/76 | 45013          | 11 MC1-1000 12S<br>CAPACITORS FREIGHT                    | 1170648<br><u>7254</u>                    | 2/25/76       |               |
|         | 1490           |  |   |               | 1177902       |
|         |                | INVOICE TOTAL  | <u>1177902</u>                            |               |               |
| 2/25/76 | 45034          | 12 MC1-1000 12S<br>FREIGHT                               | 197856<br><u>2478</u>                     | 2/25/76       |               |
|         | 14900          |  |   |               | 200334        |
|         |                | INVOICE TOTAL  | <u>200334</u>                             |               |               |
| 2/25/76 | 44551          | 25 MC1-1000 12S<br>6 MC1-500-12S<br>186 FM 2B<br>FREIGHT | 412200<br>100470<br>186000<br><u>3996</u> |               |               |
|         | 1490           |  |   |               | 702460        |
|         |                | INVOICE TOTAL  | <u>702460</u>                             |               |               |
| 2/25/76 | 44324          | 60 FM 2B<br>FREIGHT                                      | 60000<br><u>651</u>                       |               |               |
|         | 14900          |  |   |               | 60651         |
|         |                | INV TOTAL  | <u>60651</u>                              |               |               |
| 2/25/76 | 44579          | 1 MC 1000 12S<br>FREIGHT                                 | 16488<br><u>208</u>                       |               |               |
|         |                | INVOICE TOTAL  | <u>16696</u>                              |               | 16696         |
|         |                |  |   |               | 1             |
|         |                | TOTAL TO DATE  | ITT JENNINGS                              |               | 2158043       |
|         | 14900          |  |   |               |               |
| 2/22/76 | # 45654        | 1 MC 1000 12S  |   |               | 16488         |
| 2/27/76 | # 45072        | 1 MC 1000 12S  |   |               | 16488         |
|         | 14900          |  |   |               |               |
|         |                | 3/10/76 TRANSFERRED TO E ORDER CHARGE SHEET              |   |               | 21,91019      |
|         |                | E 46-3289-   |   |               |               |





# W. J. O'BRIEN ELECTRIC CO INC

| DATE   | INVOICE NUMBER | ITEM                        | COST                  | DATE APPROVED |
|--------|----------------|-----------------------------|-----------------------|---------------|
|        | 8413           |                             | 978 40                |               |
|        | 8414           |                             | 974 00 }<br>5204 00 } | 4/8/76        |
| 3/5/76 | 8415           | COPPER TOWER<br>BASE SHEETS | 480 70                | 4/8/76        |
|        | TOTAL OF ABOVE |                             | 9436 70               |               |







WESTINGHOUSE BROADCASTING COMPANY, INC.

11-6194

Form 9370E

|  | Invoice Date or<br>Our Reference No.  | Invoice No. | Code | Gross Amount | Disc.<br>Rate | Discount Amount | Net Amount |
|--|---------------------------------------|-------------|------|--------------|---------------|-----------------|------------|
|  | Payment for work completed in October |             |      |              |               |                 |            |
|  | 12-9-75                               | E46-3289    | S    | 15,000       |               |                 | 19,500.00  |
|  |                                       | E46-3289    | M    | 15,000       |               |                 | 37,466.11  |
|  |                                       | E46-3289    | S    | 40,362.07    |               |                 | -8,702.86  |
|  |                                       |             |      | 70,362.07    |               |                 | 65,668.97  |

Code  
1 Vendors Inv.  
2 Your Credit  
3 Your Debit

11-6194

11-24-75

\*\*65,668.97\*\*

William A. Randolph, Inc.\*\*\*  
6340 Capulina Ave.  
Morton Grove, Illinois 60053



WESTINGHOUSE BROADCASTING COMPANY, INC.

12-6299

Form 9370E

|  | Invoice Date or<br>Our Reference No. | Invoice No. | Code | Gross Amount | Disc.<br>Rate | Discount Amount | Net Amount |
|--|--------------------------------------|-------------|------|--------------|---------------|-----------------|------------|
|  | Payment for work completed in Nov.   |             |      |              |               |                 |            |
|  | 12-9-75                              | E46-3289    | S    | 15,000       |               |                 |            |
|  |                                      | E46-3289    | Q    | 15,000       |               |                 |            |
|  |                                      | E46-3289    | M    | 40,362.07    |               |                 |            |
|  |                                      |             |      | 70,362.07    |               |                 |            |

Code  
1 Vendors Inv.  
2 Your Credit  
3 Your Debit  
4 Our Credit  
5 Our Debit  
6 Freight Inv.

12-6299

12-17-75

\*\*70,362.07\*\*

William A. Randolph, Inc.\*\*\*  
6340 Capulina Ave.  
Morton Grove, Ill. 60053

INVOICES APPROVED

WM A RANDOLPH INC

| DATE     | INVOICE NUMBER | ITEM                        | COST     | DATE APPROVED | TOTAL TO DATE         |
|----------|----------------|-----------------------------|----------|---------------|-----------------------|
| 11/24/75 | OCT            | WORK - GRIFFITH WAR         | 65668 97 |               |                       |
| 12/9/75  | NOV            | WORK GRIFFITH WAR           | 70362 07 |               |                       |
| 11/4/76  | DEC            | WORK WM A RANDOLPH          | 31748 55 | 2/3/76        |                       |
| 2/11/76  | JAN            | WORK WM A RANDOLPH          | 24542 63 | 2/24/76       |                       |
|          |                | TOTAL THROUGH JAN 1976      |          |               | 193 322 22            |
| 2/24/76  |                |                             |          |               |                       |
| 3/9/76   | FEB            | WORK - BUILDING E 46 3289 Q | 29385 69 | 3/25/76       | 222 707 91            |
| 4/19/76  | MARCH          | WORK                        | 9705 54  | 4/19/76       | 232 413 45            |
|          | April          |                             | 15136 00 | 4/21/76       | 246 551 00<br>261 687 |

5/20/76

# SILLIMAN MOFFET & KOWALSKI

1 2 3 4 5

| DATE | NUMBER<br>INVOICE | ITEM      | COST        | DATE<br>APPROVED |
|------|-------------------|-----------|-------------|------------------|
| 1    | PREVIOUS BILLINGS |           |             |                  |
| 2    |                   |           |             |                  |
| 3    |                   |           |             |                  |
| 4    |                   |           |             |                  |
| 5    |                   |           |             |                  |
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| 15   |                   |           |             |                  |
| 16   |                   |           |             |                  |
| 17   |                   |           |             |                  |
| 18   | 5/5/76            | DoyLESTON | ADJUSTMENTS | 1507.30          |
| 19   |                   |           |             |                  |
| 20   |                   |           |             |                  |
| 21   |                   |           |             |                  |
| 22   |                   |           |             |                  |
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| 40   |                   |           |             |                  |



# SUBURBAN STEEL FABRICATORS

|    | INVOICE<br>NUMBER | ITEM                                  | COST   | DATE<br>APPROVED |
|----|-------------------|---------------------------------------|--------|------------------|
| 1  |                   |                                       |        |                  |
| 2  |                   |                                       |        |                  |
| 3  | 3/31/76           | STEEL<br>WELDMENTS<br>TOWER ELEVATION | 364.00 | 4/10/76          |
| 4  |                   |                                       |        |                  |
| 5  |                   |                                       |        |                  |
| 6  |                   |                                       |        |                  |
| 7  |                   |                                       |        |                  |
| 8  |                   |                                       |        |                  |
| 9  |                   |                                       |        |                  |
| 10 |                   |                                       |        |                  |
| 11 |                   |                                       |        |                  |
| 12 |                   |                                       |        |                  |
| 13 |                   |                                       |        |                  |
| 14 |                   |                                       |        |                  |
| 15 |                   |                                       |        |                  |
| 16 |                   |                                       |        |                  |
| 17 |                   |                                       |        |                  |
| 18 |                   |                                       |        |                  |
| 19 |                   |                                       |        |                  |
| 20 |                   |                                       |        |                  |
| 21 |                   |                                       |        |                  |
| 22 |                   |                                       |        |                  |
| 23 |                   |                                       |        |                  |
| 24 |                   |                                       |        |                  |
| 25 |                   |                                       |        |                  |
| 26 |                   |                                       |        |                  |
| 27 |                   |                                       |        |                  |
| 28 |                   |                                       |        |                  |
| 29 |                   |                                       |        |                  |
| 30 |                   |                                       |        |                  |
| 31 |                   |                                       |        |                  |
| 32 |                   |                                       |        |                  |
| 33 |                   |                                       |        |                  |
| 34 |                   |                                       |        |                  |
| 35 |                   |                                       |        |                  |
| 36 |                   |                                       |        |                  |
| 37 |                   |                                       |        |                  |
| 38 |                   |                                       |        |                  |
| 39 |                   |                                       |        |                  |
| 40 |                   |                                       |        |                  |

# WESTENHOFF & NOVICK INC

|    | INVOICE<br>NUMBER | ITEM    | COST    | DATE<br>APPROVED |
|----|-------------------|---------|---------|------------------|
| 1  |                   |         |         |                  |
| 2  |                   |         |         |                  |
| 3  |                   |         |         |                  |
| 4  |                   |         |         |                  |
| 5  |                   |         |         |                  |
| 6  |                   |         |         |                  |
| 7  |                   |         |         |                  |
| 8  |                   |         |         |                  |
| 9  |                   |         |         |                  |
| 10 |                   |         |         |                  |
| 11 | 2/3/76 6166       | (14900) | 4287 22 | 2/3/76           |
| 12 | 2/17/76 6200      | (14900) | 1356 84 | 2/4/76           |
| 13 |                   |         |         |                  |
| 14 |                   |         |         |                  |
| 15 |                   |         |         |                  |
| 16 | 2/22/76 6255      |         | 1059 32 | 3/22/76          |
| 17 | 4/16/76 6294      |         | +95 669 |                  |
| 18 |                   |         |         |                  |
| 19 |                   |         |         |                  |
| 20 |                   |         |         |                  |
| 21 |                   |         |         |                  |
| 22 |                   |         |         |                  |
| 23 |                   |         |         |                  |
| 24 |                   |         |         |                  |
| 25 |                   |         |         |                  |
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| 29 |                   |         |         |                  |
| 30 |                   |         |         |                  |
| 31 |                   |         |         |                  |
| 32 |                   |         |         |                  |
| 33 |                   |         |         |                  |
| 34 |                   |         |         |                  |
| 35 |                   |         |         |                  |
| 36 |                   |         |         |                  |
| 37 |                   |         |         |                  |
| 38 |                   |         |         |                  |
| 39 |                   |         |         |                  |
| 40 |                   |         |         |                  |

3/24/76

2

WIND TRANSMITTER COSTS:

COMMITTED - NOT BILLED

INSTALL TRANS LINES 34,900

TOWER BALANCE DUE 63,385

INCLUDES WINTER RISK \$10,250

LEA - INSTALLED 7,880

ITT - JENNINGS B/O CAPACITORS 1,160

CSP DOGHOUSE EQUIPMENT 14,040

CSP PHASOR 43,909

57,949

PAID TO DATE 14,645

BALANCE DUE CSP \$ 43,304

FIRM COSTS

TOWER RAISING:

W Y NOVICK

FABRICATE

RANDOLPH

SET TUNING HOUSES 9,300

ELECTRICAL WORK:

TEMP TOWER LIGHTING

POWER LINE

BUILDING

EQUIPMENT POWER WIRING



3/22/76

# WIND TRANSMITTER COSTS

1,

RANDOLPH'S EST TO COMPLETE

\$ 325,000

BUILDING

CLEARING

PILING

FOUNDATIONS

ROADS

WELL

WELL HOUSE

FILLING

PARKING

HVAL

SEPTIC FIELD

PARKING

PONDS

ANCHORS

FUEL TANK

GENERATOR

RANGE & REFRIG

325,000

BILLED TO DATE

167,779

24,543

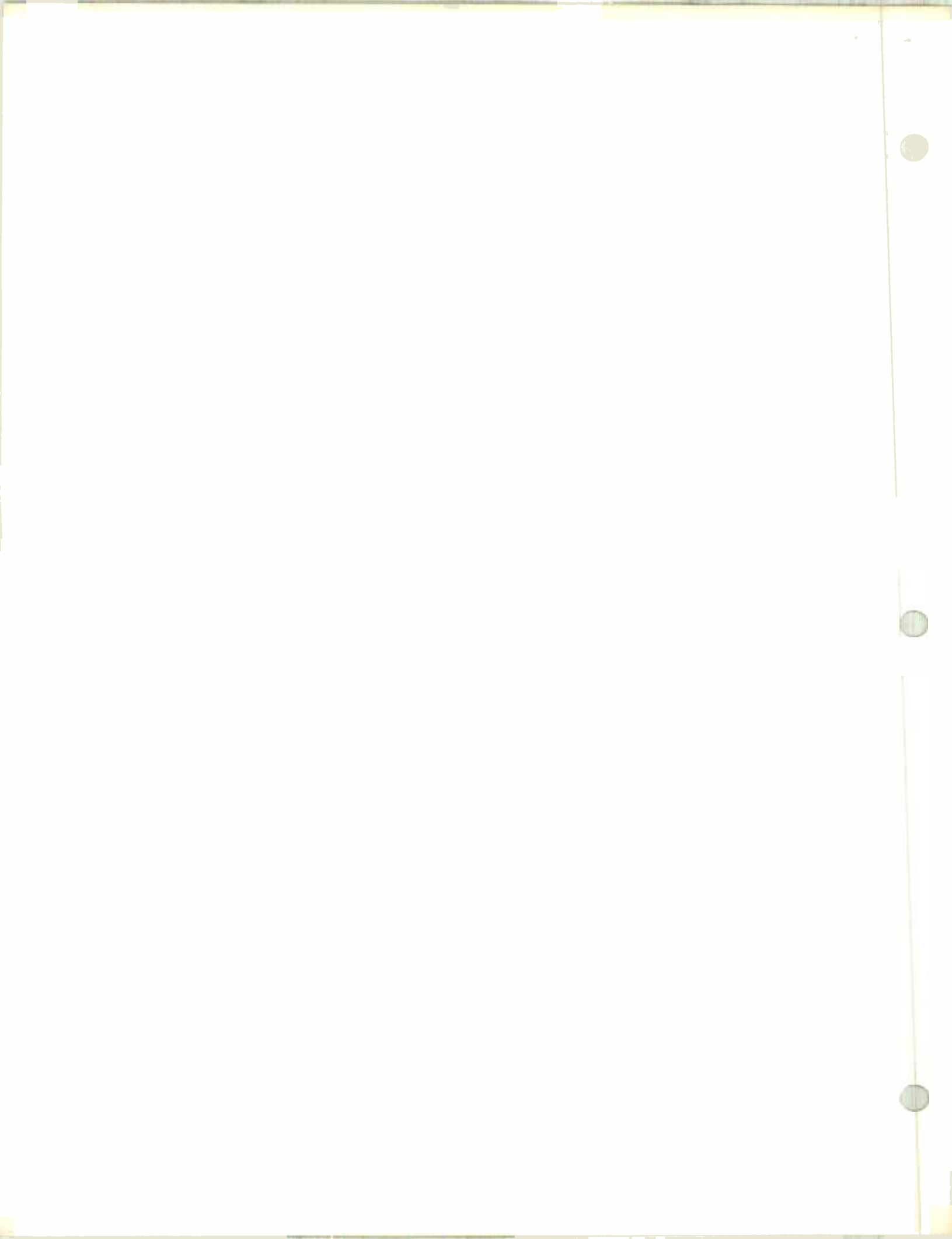
192,322

192,322

132,672

BALANCE DUE RANDOLPH

EST 132,672



|                                   |         |
|-----------------------------------|---------|
| WIND TRANSMITTER COSTS REVIEW     | 3431    |
| APPROVED TO DATE                  | 626,924 |
| RANDOLPH EST TO COMPLETE HIS WORK | 132,692 |

|                                     |              |
|-------------------------------------|--------------|
| STAINLESS BALANCE DUE               | 63,385       |
| LINCOLNS \$10,350 WINTER RISK)      |              |
| LEA P.O.                            | 7,880        |
| CSP BALANCE DUE                     | 43,304       |
| 1 T&T / JENNINGS B.O.               | 1,160        |
| O'BRIEN - INSTALL TRANSMISSION LINE | 34,900       |
| BHR MARCH                           | <u>2,000</u> |
| TO DATE COSTS -                     | 912,215      |

TO DO

|                        |       |
|------------------------|-------|
| INSTALL GROUND SYSTEM  |       |
| INSTALL POWER (5,000)  | 5,000 |
| TEMP TOWER LIGHTS      |       |
| ELECTRICAL NOT IN HVAC |       |
| SMK - TUNED T          |       |

|                |                   |              |
|----------------|-------------------|--------------|
| BUDGETED ITEMS | GUARD (REMAINING) | 64,000       |
|                | TECH WAGES        | 56,500       |
|                | FENCING           | 15,000       |
|                | REMOVE TOWERS     | <u>9,000</u> |
|                |                   | 1,003,715    |

|           |                |
|-----------|----------------|
| BUDGETED  | 1,147.6        |
| -         | 1,003.7        |
| Available | <u>143,900</u> |



PROJECT NOTES

2/23/76

ELG - 3289C - Cons ENGR I \$ 12.0M -  
CLOSED AT 2/14. REWRITE TO 2/14

2/25/76

O'Brien informal estimate  
Cost of installing ground system 84,000  
Being reviewed. Problem is  
Rock underlay. Chain trencher  
fault. Considering Stump clearing  
sawing.

2/25/76

Still unsettled 14V AC  
12/3/75 est 21,000

2/25/76

12/3/75 Generator est 16,000

4/19/76

Write Confirming E orders  
O'Brien Electric # 8414  
# 8413  
# 8415

INVOICES APPROVED

|    | TO                           |          | BALANCE | UNBILLED COMMITMENTS |
|----|------------------------------|----------|---------|----------------------|
|    | 7/26/76                      |          |         | 7/26/76              |
| 1  | ADVANCE INDUSTRIES           | 26128 00 |         | - 0 -                |
| 2  |                              |          |         |                      |
| 3  |                              |          |         |                      |
| 4  |                              |          |         |                      |
| 5  |                              |          |         |                      |
| 6  | CABLE WAVES                  | 38217 34 |         | - 0 -                |
| 7  |                              |          |         |                      |
| 8  |                              |          |         |                      |
| 9  |                              |          |         |                      |
| 10 |                              |          |         |                      |
| 11 | CSP INC                      |          |         |                      |
| 12 |                              |          |         |                      |
| 13 |                              |          |         |                      |
| 14 |                              |          |         |                      |
| 15 |                              |          |         |                      |
| 16 | DECCA AUSTIN                 | 4199 00  |         | - 0 -                |
| 17 |                              |          |         |                      |
| 18 |                              |          |         |                      |
| 19 |                              |          |         |                      |
| 20 |                              |          |         |                      |
| 21 | ITT JENNINGS                 | 21580 43 |         | 11670 1              |
| 22 |                              |          |         |                      |
| 23 |                              |          |         |                      |
| 24 |                              |          |         |                      |
| 25 |                              |          |         |                      |
| 26 | OZZIE JAEGER                 |          |         |                      |
| 27 |                              |          |         |                      |
| 28 |                              |          |         |                      |
| 29 |                              |          |         |                      |
| 30 |                              |          |         |                      |
| 31 | LIGHTNING ELIMINATION ASSOC  |          |         | 7880 00              |
| 32 |                              |          |         |                      |
| 33 |                              |          |         |                      |
| 34 |                              |          |         |                      |
| 35 | O BRIEN ELECTRIC             |          |         |                      |
| 36 | GROUND SYSTEM INSTALLATION   |          |         |                      |
| 37 | TEMPORARY LIGHTING           |          |         |                      |
| 38 | BUILDING WIRING              |          |         |                      |
| 39 | INSTALL EQUIPMENT AC         |          |         |                      |
| 40 | TRANSMISSION LINE (FIRM BID) |          |         | 24900 - 10           |

TO  
2/26/76

UNBILLED  
COMMITMENTS  
2/26/76

|    |                     |           |  |          |
|----|---------------------|-----------|--|----------|
| 1  | GUNNAR A. OLSEN     | 2466 60   |  |          |
| 2  |                     |           |  |          |
| 3  |                     |           |  |          |
| 4  |                     |           |  |          |
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| 9  |                     |           |  |          |
| 10 |                     |           |  |          |
| 11 |                     |           |  |          |
| 12 |                     |           |  |          |
| 13 | GENERATOR           |           |  |          |
| 14 |                     |           |  |          |
| 15 |                     |           |  |          |
| 16 | WM. A. RANDOLPH     | 193222 22 |  |          |
| 17 |                     |           |  |          |
| 18 |                     |           |  |          |
| 19 |                     |           |  |          |
| 20 |                     |           |  |          |
| 21 |                     |           |  |          |
| 22 |                     |           |  |          |
| 23 |                     |           |  |          |
| 24 |                     |           |  |          |
| 25 |                     |           |  |          |
| 26 | STAINLESS INC       | 106060 00 |  |          |
| 27 |                     |           |  | 63385 60 |
| 28 |                     |           |  |          |
| 29 |                     |           |  |          |
| 30 |                     |           |  |          |
| 31 | WESTENHOFF & NOVICK | 5644 06   |  |          |
| 32 |                     |           |  |          |
| 33 |                     |           |  |          |
| 34 |                     |           |  |          |
| 35 |                     |           |  |          |
| 36 |                     |           |  |          |
| 37 |                     |           |  |          |
| 38 |                     |           |  |          |
| 39 |                     |           |  |          |
| 40 |                     |           |  |          |



COMMITMENTS TO DATE ON E-ORDERS

2-5-76

Jewew

Stainless

|               |                     |                         |
|---------------|---------------------|-------------------------|
| A-2976 Ric. C | Lowers & Lighting   | # 103,700 <sup>00</sup> |
|               | Erection            | 51,775 <sup>00</sup>    |
|               | Winter lease        | 10,350 <sup>00</sup>    |
|               | Randolph Foundation | 117,546 <sup>00</sup>   |

Tuning Houses

|                        |                      |
|------------------------|----------------------|
| Advances, Ind.         | 26,128 <sup>00</sup> |
| Randolph Bldg & found. | 9,300 <sup>00</sup>  |

LEA

installed 7880<sup>00</sup>

Phasing includes: AC, Photocell, Austins in tuning houses  
208/600V XFMRs & 600V DISCONNECTS ?

Consulting

|                           |       |                               |
|---------------------------|-------|-------------------------------|
|                           | TOTAL | \$ 84,200 <sup>00</sup>       |
| SM&K includes all tune-up |       | \$ 52,200 <sup>00</sup>       |
| W&N all but architect     |       | 27,000 <sup>00</sup>          |
| G. Olson                  |       | 6,000 <sup>00</sup>           |
|                           |       | <u>\$ 85,200<sup>00</sup></u> |

OTHERS

As tabulated

WILLIAM A. RANDOLPH, INC.

GENERAL CONTRACTORS

6340 CAPULINA AVENUE

MORTON GROVE, ILLINOIS 60053

WILLIAM A. RANDOLPH  
PRESIDENT

ANTHONY RICCARDI  
VICE PRESIDENT

February 5, 1976

Mr. William Ryan  
Managing Engineer  
WIND Radio  
625 N. Michigan Avenue  
Chicago, Illinois 60611

Re: Conference 1/28/76  
W. Ryan  
A. Stalker  
R. Monroe  
B. Ratts  
W. Randolph

Subject: Costs to date  
Cost to complete

Dear Bill:

Prior to our conference at the jobsite on January 28, 1976 I gathered our costs to date rather hurriedly in the form of notes to myself rather than in a form suitable for others to clearly understand.

In more presentable form they would have looked something like the enclosed.

Also noted are other costs which we have incurred since, or will, which I did not think of at the time and which will add to the estimated \$298,000 total cost. None are great but all should be borne in mind:

The concrete building floor except for the garage floor on grade was poured Friday, January 30, 1976. Concrete block for the building walls is to be delivered Monday, February 1, 1976. Weather permitting we may have the walls up in three weeks ready for the roof structure.

We have not yet received shop drawings for the Heating, Ventilating, Air Conditioning Equipment (HVAC). They were expected a week ago. We are pressing for them.

**WILLIAM A. RANDOLPH, INC.**  
**GENERAL CONTRACTORS**  
6340 CAPULINA AVENUE  
MORTON GROVE, ILLINOIS 60053

**WILLIAM A. RANDOLPH**  
PRESIDENT

**ANTHONY RICCARDI**  
VICE PRESIDENT

Page 2

The fuel oil storage tank is on the job but has not been installed.

Yours very truly,

WILLIAM A. RANDOLPH, INC.



William A. Randolph

WAR:ar  
encs.



WILLIAM A. RANDOLPH, INC.

GENERAL CONTRACTORS

6340 CAPULINA AVENUE

MORTON GROVE, ILLINOIS 60053

WILLIAM A. RANDOLPH  
PRESIDENT

ANTHONY RICCARDI  
VICE PRESIDENT

Sheet 1

WIND

BUILDING MATERIAL PURCHASE ORDERS & SUBCONTRACTORS

Costs to Complete

| <u>Trade</u>                 | <u>P.O. #</u> | <u>Supplier</u>     | <u>First Estimated Cost</u> | <u>Amount</u> | <u>Previously Billed or Estimated for January Billing</u> |
|------------------------------|---------------|---------------------|-----------------------------|---------------|---|
| Re Bars <i>BLDG</i>          | 10            | Inryco              | \$1959                      | \$1958.83     | 1959  |
| Roof Slabs <i>BLDG</i>       | 11            | Calumet Flexicore   | 5973                        | 4291          |   |
| Misc. Iron <i>BLDG</i>       | 12            | Suburban Steel      | 4450                        | 1546          | 300   |
| Painting <i>BLDG</i>         | 13            | Bobbe & Co.         | 2470                        | 2470          |   |
| Resilient Tile <i>BLDG</i>   | 14            | Hite, Thomas & O'B. | 1258                        | 1258          |   |
| Overhead Door <i>BLDG</i>    | 15            | J. L. Breliaint     | 610                         | 610           |   |
| Doors & Hardware <i>BLDG</i> | 16            | Ceco                | 1000+                       | 975           |   |
| Deck Forms <i>BLDG</i>       | 17            | Gateway             | 6615                        | 2350          | 1500  |
| Caulking <i>BLDG</i>         | 18            | Sager               | 334                         | 334           |   |
| Rfg. & Sht. Mtl. <i>BLDG</i> | 19            | Consumers Roofing   | 4500                        | 4190          |   |
| Plbg. & HVAC                 | 20            | Baltas              | 21,000                      | 22,968        |   |
| Septic Fld.                  |               |                     |                             |               |   |
| Masonry <i>BLDG</i>          | 21            | Saw Masonry         | 13,000                      | <u>9,315</u>  |   |
|                              |               | Sub totals          |                             | \$52,265.83   | \$3759  |

Estimated Costs of Work Not Awarded

|                    |                                       |                  |                      |
|--------------------|---------------------------------------|------------------|----------------------|
|                    | Fibreglass Fuel Tank                  | 4300             | ✓                    |
|                    | Well                                  | 3500             | — 4500 <sup>00</sup> |
|                    | Stove & Refrigerator                  | 600              |                      |
| <i>DEDUCT FROM</i> | Generator                             | 20,500           | ✓                    |
| <i>TOTAL</i>       | Backfill Oil Tank                     | 500              |                      |
|                    | Excavate for Fuel Oil Lines           | 250              |                      |
|                    | Parking Areas - Bldg.                 | <u>1500</u>      |                      |
|                    | Subcontract Work to Complete          | 83,416           |                      |
|                    | Previously Billed or for Jan. Billing | (-) <u>3,759</u> |                      |
|                    | Sub total                             | 79,657           |                      |
|                    | Overhead & profit & Indiana Tax       | <u>11,152</u>    |                      |
|                    | Sub total                             | 90,809           |                      |
|                    | Estimated Jan. Billing                | 23,364           |                      |
|                    | Additional Cost to Complete           | <u>16,000</u>    |                      |
|                    | Total                                 | \$130,173        |                      |



WILLIAM A. RANDOLPH, INC.  
 GENERAL CONTRACTORS  
 6340 CAPULINA AVENUE  
 MORTON GROVE, ILLINOIS 60053

WILLIAM A. RANDOLPH  
 PRESIDENT

ANTHONY RICCARDI  
 VICE PRESIDENT

Sheet 3

Estimated Costs to Complete Not Detailed on Sheet 1

|                                    |              |
|------------------------------------|--------------|
| General Conditions (supervision +) | 7500         |
| Concrete Material                  | 1600         |
| " Labor                            | <u>3000</u>  |
|                                    | 12,100       |
| Overhead & Profit                  | <u>2,500</u> |
|                                    | \$14,600     |

to which should be added

|  |       |
|--|-------|
| Reinforcing Steel Setting - floor                        | \$523 |
| Well House estimate                                      | 1500  |
| Excavate Ponds at West End of Site                       | 2500  |
| Costs of winter protection of<br>masonry and concrete    |       |
| Overtime for finishing concrete<br>floor in cold weather |       |



## WILLIAM A. RANDOLPH, INC.

GENERAL CONTRACTORS

6340 CAPULINA AVENUE

MORTON GROVE, ILLINOIS 60053

WILLIAM A. RANDOLPH  
PRESIDENTANTHONY RICCARDI  
VICE PRESIDENT

Sheet 4

Comparison of Quoted Estimated Prices to Experienced Costs

|                                  |        |
|----------------------------------|--------|
| letter 12/3/75 Building Costs    | 72,000 |
| plus fees                        | 10,800 |
| Piling for building (not quoted) | 9,810  |
| Mechanical Work                  | 23,940 |
| Generator                        | 18,240 |
| Refrigerator and range           | 738    |
| Septic field - not quoted        | -      |
| Well (not quoted)                | 3,200  |

|                           |                |
|---------------------------|----------------|
| letter 9/26/75 - Sitework | <u>171,346</u> |
| Sub total                 | 310,074        |

Added, not quoted

|   |                 |
|---|-----------------|
| Antenna Foundation & anchor<br>hardstands |                 |
| Enclosure foundations                     |                 |
| File anchors                              | <u>15,000</u> + |

|       |           |
|-------|-----------|
| Total | \$325,000 |
|-------|-----------|

to which should be added

|   |         |
|---|---------|
| PVC conduit under hardstands<br>to enclosures | \$1,500 |
|---|---------|

| dc           | P.O. # | Name   | Amount.       |         |
|--------------|--------|--|---------------|---------|
| cs.          | 10     | INRYCO.                                      | 1,958.83      | - 1959  |
| slabs        | 11     | Calumet Flexcon ( <sup>EST</sup> 5973)       | 4,291.00 (-)  |         |
| IRON         | 12.    | Suburban Steel. ( <sup>EST</sup> 4452)       | 1,546.00 (-)  | - 300   |
| roving       | 13.    | Bobbet Co.                                   | ✓ 2,470.00    |         |
| File         | 14     | H.T.O.                                       | ✓ 1,258.00    |         |
| Door.        | 15.    | J.L. Brilliant.                              | ✓ 610.00 (-)  |         |
| door, hand   | 16.    | Ceco   | ✓ 975.00 (-)  |         |
| king         | 17.    | Gateway. (6615)                              | 2,350.00 (+)  | - 15000 |
| king         | 18.    | Sager Sealant                                | - 334.00      |         |
| gash. H. 19. |        | Consumers Roofing Co. ( <sup>EST</sup> 4500) | 4,190.00 (-)  |         |
| HVAC         | 20     | Baltas. ( <sup>EST</sup> 21,500)             | 22,968.00 (+) |         |
| conry        | 21     | Saw Masonry ( <sup>EST</sup> 13,000)         | 9,315.00 (-)  |         |

52,265.83

EST 55,538  
 amount 44,662.25  
 (- 10,875.8)

|                      |        |
|----------------------|--------|
| FIBERGLASS TANK      | 4,300  |
| WELL                 | 3,500  |
| APPLIANCES           | 600    |
| GENERATOR            | 20,500 |
| BACKFILL TANK        | 500    |
| EXHAUSTOR FUEL LINES | 250    |
| PARKING AREAS - BLOC | 1,500  |

SUB CONTRACT WORK TO COMPLETE 83,416 (

BILLED TO WIND OR FOR JAN. BILLING 3,759

79,657

O.H. & P, Inc TAX + 11,152

\$ 90,809

ESTIMATED JAN. BILLING 23,362

ADDITIONAL COST TO COMPLETE 16,000

130,173

1/28/76

QUOTED.

|                 |        |
|-----------------|--------|
| 12/3/75 BLDG.   | 72,000 |
| + FEES.         | 10,200 |
| PILING BLDG     | 9,810  |
| MECHANICAL. 211 | 23,940 |
| GENERATOR       | 18,280 |
| ROOFING (RAMP)  | 738    |
| SEWER FIELD     | N.G.   |
| WALL            | 3,200  |

ST. 138,728

9/26/75 - SITE WORK 171,346

310,074

ANTENNA FOUND. HANDBOOKS.  
EXCL. FOUNDS, PILE ANCHORS

15,000

325,000

BILLOS TO DATE 167,779

EST. COST TO COMPLETE 130,173

TOTAL \$ 297,952

4/4/76 - Pres - est 300,000

+ Roads - in spring

1/28/76

ESTIMATED JANUARY EXPENSES TO 1/23/76

LABOR 6387

TAXES, INS., FEES 2874 9261

MATERIAL SUPPLIES 488

DUCK FARMS 1510

ANTENNA, HANDSTANDS EQUIP 1500  
237 2600

CONCRETE & MAT'L 800

EQUIP. 1500

16,159

ESTIMATED 1/23 to 1/29 3000

19,159

OH & P, and 22% 4215

23,364



ESTIMATED TO COMPLETE

|                    |       |
|--------------------|-------|
| GENERAL CONDITIONS | 7500  |
| CONCRETE MAT'L.    | 11600 |
| ✓ LABOR            | 3000  |
|                    | <hr/> |
|                    | 12100 |
|                    | 0114P |
|                    | <hr/> |
|                    | 2500  |
|                    | <hr/> |
|                    | 14600 |
|                    | /     |

965-0123

BILLING TO 0875 167,779

EST. COST TO CUSTOMERS 130,173

~~ESTD~~ 297,952

PAID { 65668.97 +  
70362.07 +  
die → 31748.55 +  
B.P. 1 167779.59 \*  
T.D.E

795  
gen 1703.17 +  
1068.84 +  
1718.54 +  
Faber 1896.72 +  
6387.07 \*

Supplies 149.00 +  
4.75 +  
11.25 +  
147.91 +  
275.02 +  
437.93 \*

Account Fee  
Gateway 1570.00

**WILLIAM A. RANDOLPH, INC.**  
**GENERAL CONTRACTORS**  
 6340 CAPULINA AVENUE  
 MORTON GROVE, ILLINOIS 60053

WILLIAM A. RANDOLPH  
 PRESIDENT

ANTHONY RICCARDI  
 VICE PRESIDENT

Sheet 1

## WIND

BUILDING MATERIAL PURCHASE ORDERS & SUBCONTRACTORS

## Costs to Complete

| <u>Trade</u>     | <u>P.O. #</u> | <u>Supplier</u>     | <u>First Estimated Cost</u> | <u>Amount</u> | <u>Previously Billed or Estimated for January Billing</u> |
|------------------|---------------|---------------------|-----------------------------|---------------|---|
| Re Bars          | 10            | Inryco              | \$1959                      | \$1958.83     | 1959  |
| Roof Slabs       | 11            | Calumet Flexicore   | 5973                        | 4291          |   |
| Misc. Iron       | 12            | Suburban Steel      | 4450                        | 1546          | 300   |
| Painting         | 13            | Bobbe & Co.         | 2470                        | 2470          |   |
| Resilient Tile   | 14            | Hite, Thomas & O'B. | 1258                        | 1258          |   |
| Overhead Door    | 15            | J. L. Breliant      | 610                         | 610           |   |
| Doors & Hardware | 16            | Ceco                | 1000+                       | 975           |   |
| Deck Forms       | 17            | Gateway             | 6615                        | 2350          | 1500  |
| Caulking         | 18            | Sager               | 334                         | 334           |   |
| Rfg. & Sht. Mtl. | 19            | Consumers Roofing   | 4500                        | 4190          |   |
| lbg. & HVAC      | 20            | Baltas              | 21,000                      | 22,968        |   |
| Septic Fld.      |               |                     |                             |               |   |
| Masonry          | 21            | Saw Masonry         | 13,000                      | <u>9,315</u>  |   |
|                  |               | Sub totals          |                             | \$52,265.83   | \$3759  |

## Estimated Costs of Work Not Awarded

|                                       |                  |
|---------------------------------------|------------------|
| Fibreglass Fuel Tank                  | 4300             |
| Well                                  | 3500             |
| Stove & Refrigerator                  | 600              |
| Generator                             | 20,500           |
| Backfill Oil Tank                     | 500              |
| Excavate for Fuel Oil Lines           | 250              |
| Parking Areas - Bldg.                 | <u>1500</u>      |
| Subcontract Work to Complete          | 83,416           |
| Previously Billed or for Jan. Billing | (-) <u>3,759</u> |
| Sub total                             | 79,657           |
| Overhead & profit & Indiana Tax       | <u>11,152</u>    |
| Sub total                             | 90,809           |
| Estimated Jan. Billing                | 23,364           |
| Additional Cost to Complete           | <u>16,000</u>    |
| Total                                 | \$130,173        |

**WILLIAM A. RANDOLPH, INC.**  
**GENERAL CONTRACTORS**  
 6340 CAPULINA AVENUE  
 MORTON GROVE, ILLINOIS 60053

WILLIAM A. RANDOLPH  
 PRESIDENT  
 ANTHONY RICCARDI  
 VICE PRESIDENT

Sheet 2

## WIND

## Estimated January Expenses to 1/23/76

|                                |             |              |
|--------------------------------|-------------|--------------|
| Labor                          | \$6387      |              |
| Taxes, Ins., Fringes           | <u>2874</u> | \$9261       |
| Material & Supplies            |             | 488          |
| Deck Forms                     |             | 1510         |
| Antenna Hardstands             |             | 2600         |
| Concrete & Material            |             | 800          |
| Equipment Rental               |             | <u>1500</u>  |
| Sub total                      |             | 16,159       |
| Estimated 1/23 to 1/29         |             | <u>3,000</u> |
|                                |             | 19,159       |
| Overhead, Profit & Indiana Tax |             | <u>4,215</u> |
| Total to sheet 1               |             | \$23,364     |

Overlooked in preparation for 1/28/76 and which should be added both to cost to complete and to January expenses.

Setting reinforcing steel in floor slab \$523

To be added to cost to complete    Sheets 1 & 3

|  |          |         |
|--|----------|---------|
| Well House   | estimate | 500.00  |
| Roads, Grade and dress in spring                                   |          | 1500.00 |
| Excavate Ponds at west end of site                                 |          | 2500.00 |
| Costs of Winter Protection   |          |         |
| Overtime for finishing concrete floor (on account of cold weather) |          |         |



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ANTHONY RICCARDI  
 VICE PRESIDENT

Sheet 3

Estimated Costs to Complete Not Detailed on Sheet 1

|                                    |              |
|------------------------------------|--------------|
| General Conditions (supervision +) | 7500         |
| Concrete Material                  | 1600         |
| "    Labor                         | <u>3000</u>  |
|                                    | 12,100       |
| Overhead & Profit                  | <u>2,500</u> |
|                                    | \$14,600     |

to which should be added

|  |       |
|--|-------|
| Reinforcing Steel Setting - floor                        | \$523 |
| Well House estimate                                      | 1500  |
| Excavate Ponds at West End of Site                       | 2500  |
| Costs of winter protection of<br>masonry and concrete    |       |
| Overtime for finishing concrete<br>floor in cold weather |       |

**WILLIAM A. RANDOLPH, INC.**  
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ANTHONY RICCARDI  
 VICE PRESIDENT

Sheet 4

Comparison of Quoted Estimated Prices to Experienced Costs

|   |                 |
|---|-----------------|
| letter 12/3/75 Building Costs                 | 72,000          |
| plus fees                                     | 10,800          |
| Piling for building (not quoted)              | 9,810           |
| Mechanical Work                               | 23,940.         |
| Generator                                     | 18,240          |
| Refrigerator and range                        | 738             |
| Septic field - not quoted                     | -               |
| Well (not quoted)                             | 3,200           |
|   |                 |
| letter 9/26/75 - Sitework                     | <u>171,346</u>  |
| Sub total                                     | 310,074         |
|   |                 |
| Added, not quoted                             |                 |
| Antenna Foundation & anchor<br>hardstands     |                 |
| Enclosure foundations                         |                 |
| Pile anchors                                  | <u>15,000</u> + |
| Total   | \$325,000       |
|   |                 |
| to which should be added                      |                 |
| PVC conduit under hardstands<br>to enclosures | \$1,500         |

**WILLIAM A. RANDOLPH, INC.**  
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 PRESIDENT

ANTHONY RICCARDI  
 VICE PRESIDENT

February 11, 1976

Westinghouse Broadcasting Corporation, Inc.  
 625 N. Michigan Avenue  
 Chicago, Illinois 60611

Att: Mr. William Rayn

Re: Transmission Facility  
 Griffith, Indiana  
 Our Job #795

Subject: Payment for work  
 completed in January

*RANDOLPH COO*

INVOICE

Equipment:

|                    |   |   |               |
|--------------------|---|---|---------------|
| <i>TOWER</i>       | { | Contractors dump truck 4 days @ 50.00/day | 200.00        |
|                    |   | HD5 Hilift 24 hrs. @ 27.00/hr.            | 648.00        |
| <i>HARD STANDS</i> | { | Generator 1 wk. @ 75.00/wk.               | 75.00         |
|                    |   | Vibrator 1 day @ 15.00/day                | 15.00         |
| <i>BUILDING</i>    | { | 2 heaters 2 days @ 7.25/day/ ea.          | 29.00         |
|                    |   | Sump pump 1 wk. @ 45.00/wk.               | 45.00         |
|                    |   | Air Compressor 1 day @ 30.00/day          | 30.00         |
|                    |   | Tamper 2 days @ 29.00/day                 | 58.00         |
|                    |   | 13 tarps 20x16 2 wks. @ 5.00/ea./wk.      | 130.00        |
|                    |   | 18 blankets 2 wks. @ 5.00/ea./wk.         | 180.00        |
|                    |   | 2 - discharge hoses 1 wk. ea. @ 67.50/mo. | 33.75         |
|                    |   | 3/4 ton pick-up 1 mo. @ 260.00/mo.        | <u>260.00</u> |

Sub total Equipment

1,703.75

Labor:

|   |              |
|---|--------------|
| Carpenter foreman 200 hrs. @ 14.69/hr.      | 2938.00      |
| Carpenters 124 hrs. @ 14.20/hr.             | 1760.80      |
| " 2 hrs. @ 24.83/hr.                        | 49.66        |
| Labor foreman 139 hrs. @ 11.15/hr.          | 1549.85      |
| " " 2 1/2 hrs. @ 15.00/hr.                  | 37.50        |
| " " 8 hrs. @ 18.85/hr.                      | 150.80       |
| Laborers 206 hrs. @ 10.54/hr.               | 2171.24      |
| " 16 hrs. @ 14.14/hr.                       | 226.24       |
| " 11 hrs. @ 17.74/hr.                       | 195.14       |
| Iron Worker foreman 58 hrs. @ 15.91/hr.     | 922.78       |
| Cement Finisher foreman 16 hrs. @ 14.57/hr. | 233.12       |
| " " 2 hrs. @ 25.92/hr.                      | 51.84        |
| Cement Finishers 24 hrs. @ 13.36/hr.        | 320.64       |
| " " 3 hrs. @ 23.68/hr.                      | <u>71.04</u> |

*450 LABOR  
 HARD STAND  
 REMAINDER  
 BUILDING*

WILLIAM A. RANDOLPH, INC.

GENERAL CONTRACTORS

6340 CAPULINA AVENUE

MORTON GROVE, ILLINOIS 60053

WILLIAM A. RANDOLPH  
PRESIDENT

ANTHONY RICCARDI  
VICE PRESIDENT

Page 2

RANDOLPH CODE

Labor (continued)

|                        |                  |
|------------------------|------------------|
| Sub total              | 10,678.65        |
| Overhead & profit 21%  | <u>2,242.52</u>  |
|                        | 12,921.17        |
| Use of small tools 1%  | <u>106.79</u>    |
| <b>Sub total Labor</b> | <b>13,027.96</b> |

Material:

|                               |  |               |                       |
|-------------------------------|--|---------------|-----------------------|
| <u>SLAG</u>                   | Beemsterboer invoice of 1/31/76                  | 2137.52       | <u>10 A</u>           |
| <u>CONCRETE</u>               | Griffith Ready-Mixed invoice of 1/30/76          | 1931.02       | <u>4 C (B)</u>        |
| <u>STEEL</u>                  | Inland-Ryerson invoice of 1/29/76                | 36.40         | <u>5 B</u>            |
| <u>CONCRETE SCREERS</u>       | Gateway Bldg. Prods. invoice of 1/27/76          | 25.27         | <u>5 B</u>            |
| <u>ANCHORS</u>                | Clark & Barlow invoice of 1/28/76                | 24.47         | <u>PG BUILDING</u>    |
| <u>VENTS</u>                  | Lance Constr. Supplies invoice of 1/12/76        | 147.91        | <u>4 B (B)</u>        |
| <u>INSULATION</u>             | " " " " " 1/21/76                                | 275.02        | <u>4 B (B)</u>        |
| <u>BOLTS &amp; POLY SHEET</u> | " " " " " 1/31/76                                | 99.75         | <u>12 CARPENTRY -</u> |
| <u>DRAWINGS</u>               | MC Blue Print invoice of 1/14/76                 | 4.75          | <u>P5</u>             |
| <u>GAS</u>                    | Master Weld invoice of 12/31/75                  | 11.25         | <u>P8 A</u>           |
| <u>STRAW-CONCRETE</u>         | H. Taylor voucher of 2/2/76                      | 10.80         | <u>P12 BLDG</u>       |
| <u>TEMP LIGHTING</u>          | V. Vanesse voucher of 2/2/76                     | 10.45         | <u>PG BLDG</u>        |
| <u>WIRE MESH</u>              | " " " " 1/19/76                                  | 2.49          | <u>PG</u>             |
|                               | Fuel for equipment: Beemsterboer inv. of 1/15/76 | 49.00         | <u>P8 A</u>           |
|                               | Standard Oil                                     | 88.76         | <u>P8 A</u>           |
|                               | Schultz Gas Service                              | <u>120.22</u> | <u>P8 A</u>           |
|                               |  | 4975.08       |                       |
|                               | Overhead & profit 16%                            | <u>796.01</u> |                       |
|                               | <b>Sub total Material</b>                        |               | <b>5,771.09</b>       |

Subcontractors:

|                          |  |               |                    |
|--------------------------|--|---------------|--------------------|
| <u>BACKHOE</u>           | Beemsterboer invoice of 1/28/76            | 280.00        | <u>3 D1</u>        |
| <u>CAT LOADER</u>        | " " " 1/31/76                              | 660.00        | <u>10 A</u>        |
| <u>CONCRETE FORMS</u>    | Gateway invoice of 1/27/76                 | 1510.00       | <u>4 F5 B</u>      |
| <u>REINFORCING STEEL</u> | " " " 1/30/76                              | 523.00        | <u>5 B</u>         |
|                          | Transportation expense of field personnel: |               |                    |
|                          | A. Riccardi voucher of 1/11/76             | <u>2.40</u>   | <u>P5</u>          |
|                          |  | 2975.40       |                    |
|                          | Overhead & profit 11%                      | <u>327.29</u> |                    |
|                          | <b>Sub total Subcontractors</b>            |               | <b>3,302.69</b>    |
|                          | Sub total                                  | 23,805.49     |                    |
|                          | Project insurance .01075                   | <u>255.91</u> |                    |
|                          |  | 24,061.40     |                    |
|                          | 2% Indiana tax                             | <u>481.23</u> |                    |
|                          | <b>Total amount due</b>                    |               | <b>\$24,542.63</b> |

OK 2/24/76

Bruce H. Hatt

14900



The following invoices originally held in 3/10/76 account 14900 may be transferred to the indicated E order account

| DATE OF INVOICE   | SUPPLIER                                | INVOICE # | AMOUNT   | CHARGE E46-3289 LETTER AS SHOWN |
|---|---|-----------|----------|---------------------------------|
| CARLEWAVES SYSTEMS INC  |   |           |          |                                 |
|   |   |           | 24553    |                                 |
| 1/6/76  | TRANSMISSION LINE ETC                   | 00131     | 33096.52 | 3289                            |
| 1/6/76  | CABLE HOIST                             | 00167     | 83.33    | 3289                            |
| 1/6/76  | CABLE HOIST                             | 00172     | 124.95   | 3289                            |
| 1/15/76   | TRANSMISSION LINE & FITTINGS            | 00401     | 1998.56  | 3289                            |
| 1/15/76   | TRANSMISSION LINE & FITTINGS            | 01014     | 1217.95  | 3289                            |
| 1/7/76  | FREIGHT CHARGES AGAINST INVOICE # 00131 | 00240     | 426.89   | 3289                            |
| 1/21/76   | PLASTIC TUBING KIT ETC                  | 00549     | 19.73    | 3289                            |
| 1/15/76   | TRANSMISSION LINE FITTINGS              | 00552     | 1249.41  | 3289                            |
| ABOVE COMPLETES CARLEWAVES PURCHASE ORDERS & BILLS  |   |           | 38217.34 |                                 |
|   |   |           | 38217.34 |                                 |
| ITT JENNINGS INVOICES   |   |           |          |                                 |
| 1/6/76  | FM 2B FLANGE                            | 44324     | 606.57   | 3289                            |
| 1/19/76   | CAPACITORS                              | 44551     | 7024.60  | 3289                            |
| 1/20/76   | CAPACITORS                              | 44579     | 166.96   | 3289                            |
| 2/11/76   | CAPACITORS                              | 45013     | 11779.02 | 3289                            |
| 2/14/76   | CAPACITORS                              | 45034     | 2003.34  | 3289                            |
| 2/13/76   | CAPACITOR                               | 45054     | 167.20   | 3289                            |
| 2/17/76   | CAPACITOR                               | 45072     | 167.20   | 3289                            |
| ABOVE COVERS ALL ITEMS BILLED THROUGH 2/17/76 ORDER INCOMPLETE  |   |           | 21914.83 |                                 |
|   |   |           | 21914.83 |                                 |
| John Thomas:<br>The above charges, transferred from 14900 may now be made<br>To E 46-3289 G \$24,000 <sup>00</sup> This completes 3289 G - and it may be closed, although the project is not complete and ready to be capitalized.<br>To E 46-3289 GG \$14,217.34<br>To E 46-3289 J \$1 21,914.83<br>Bruce W. Ratto 3/11/76 |   |           |          |                                 |

WILLIAM A. RANDOLPH, INC.  
GENERAL CONTRACTORS  
6340 CAPULINA AVENUE  
MORTON GROVE, ILLINOIS 60053

WILLIAM A. RANDOLPH  
PRESIDENT

ANTHONY RICCARDI  
VICE PRESIDENT

February 3, 1976

Mr. William Ryan  
Managing Engineer  
WIND Radio  
625 N. Michigan Avenue  
Chicago, Illinois 60611

Re: New Transmitter  
Griffith, Indiana

Subject: Cost Code

Dear Bill:

We enclose herewith a copy of our in-house cost code which we use for distribution of costs to the various items of work. This may be of some help to you for your own cost distribution.

Our own summaries of the distribution are not kept current but are made as clerical time permits.

This cost code was originally made up for the tower foundations alone and follows our more or less standard-for-all-work cost breakdown.

When the building work was added we began to differentiate between tower and building work by adding the letter B as a suffix. In some cases, as for instance code 4B Anchor Bolts and Inserts it comes up as 4B for the tower work and 4BB or 4B (B) for the building.

Separate code numbers are added as the need arises.

Perfect it isn't, workable it is for our purpose. Maybe it will help your own cost distribution, perhaps more finally than currently.

Yours very truly,

WILLIAM A. RANDOLPH, INC.



William A. Randolph

WAR:ar  
enc.

## WILLIAM A. RANDOLPH, INC.

GENERAL CONTRACTORS

6340 CAPULINA AVENUE

MORTON GROVE, ILLINOIS 60053

WILLIAM A. RANDOLPH  
PRESIDENTANTHONY RICCARDI  
VICE PRESIDENTCost CodeWIND Radio  
Antenna Foundations  
Griffith, Indiana

Job #795

1. Clearing2. Mirafi

2A Hardstands

3. Structure Excavation

3A Backfill

3B Disposal

3C Hardstands Excavation

3D Building

3D1 Oil Tank

4. Concrete Work

4B Anchor Bolts &amp; Inserts

4C Concrete Material

4C1 Tower &amp; Anchor Pile Caps

4C1B Building Foundations

4C2 Tower &amp; Anchor Shafts

4C2B Building Walls

4C3

4C4 Oil Tank Foundations

4C5 Equipment Shelters-Form. Concrete etc.

4F Form Material Purchase

4FS Form Material From Stock

4F1 Tower Pile Caps

4F1A Anchor Pile Caps

4F1B Building Pile Caps

4F2 Tower Shafts

4F2A Anchor Shafts

4F2B Building Walls &amp; Cols.

4F5B Steel Floor Plates

## WILLIAM A. RANDOLPH, INC.

GENERAL CONTRACTORS

6340 CAPULINA AVENUE

MORTON GROVE, ILLINOIS 60053

WILLIAM A. RANDOLPH  
PRESIDENTANTHONY RICCARDI  
VICE PRESIDENT4E Finish & Rub

- 4D Fine Grade Towers & Anchors
- 4D1 Footing Stone Towers & Anchors
- 4D2 Sumps

5. Reinforcing Steel *TOWERS*  
*SB BUILDING*6. Furnish Piles Towers

- 6A Building
- 6B Oil Tank
- 6C Sheet piling oil tank
- 6D Uplift Anchors
- 6E Re Drive Building
- 6F Waiting for Changes

8. Drive piles - Towers

- 8A Building
- 8B Oil Tank
- 8C Sheet Piling Oil Tank

9. Culverts 42" diam. x 20' x 2 ea.10. Slag Roads

- 10A Hardstands
- 10B Fill below enclosures

11. PVC Conduit



## WILLIAM A. RANDOLPH, INC.

GENERAL CONTRACTORS

6340 CAPULINA AVENUE

MORTON GROVE, ILLINOIS 60053

WILLIAM A. RANDOLPH  
PRESIDENTANTHONY BICCARDI  
VICE PRESIDENTP : General Conditions

P1 Supervision  
 P1A Layout-initial  
 P2 Watchman  
 P3 Barracades, Signs, Lights  
 P4 Temp. Bldgs. & Latrines  
  
 P5 Misc. Job Expense  
 P6 Small Tools  
 P7 Trucking  
 P8 Equipment rental & purch. maint.  
 P8A Fuel & Lube  
 P8B Cartage of Equip.  
 P9 Temp Roads  
 P10 Cleanup  
 P11 Pumping  
 P12 Winter Conditions

P16 Show up time

*SUFFIX*Note ~~suffix~~: "B" for Building

# internal correspondence



FROM: Headquarters-Engineering  
WIN 323-5075  
DATE: February 3, 1976  
SUBJECT: WIND E-Orders


Mr. R. T. Monroe  
Vice President-Engineering  
Group W, N. Y.

cc: A. Stalker  
R. Baker  
→ B. Ratts

I spoke to Bob Baker in response to a request for information from Bruce Ratts and as a follow up to my memo of January 20, 1976 on the WIND overrun.

He advised me that E-Orders should be written as required not to exceed the \$1,204,600 we gave him as the revised figure. Of this amount \$102,800.00 is budgeted to expense as shown in your memo of November 14, 1975.

Bruce Ratts is sending additional E-Orders to me, some of which had been signed by Tollefson. I told Bruce, and Bob concurs, that payment of current invoices should be placed in the 1490 Holding Account until the E-Orders have cleared.

  
Charles H. Magee

CHM:dq

## internal correspondence



FROM: Headquarters-Engineering  
WIN 323-5074  
DATE: November 14, 1975  
SUBJECT: WIND Site Relocation Costs

Mr. Robert Baker  
Controller  
Group W, N. Y.

cc: Messrs.: D. H. McGannon  
M. L. Shapiro  
R. H. Harris  
R. W. McCorkle

The WIND transmitter site relocation project cost has escalated from the original approved sum of \$768,900 to a current estimate of \$1,204,600. (Estimated land value of present site reduces these figures to \$636,600 and \$1,072,300 respectively). This significant cost increase is principally the result of two major factors: 1) Land acquisition and associated problems with environmental questions, FAA approval, and building permits resulting in the project being delayed 2-1/2 years. (During this 2-1/2 year delay, general construction costs increased conservatively 45% and other required material and equipment costs generally increased in equal or greater amounts). 2) The soil at the new site was determined to be of a type which has very poor load bearing ability, which dictated that all foundations be constructed on friction piles at substantially increased costs.

Work was begun to acquire appropriate land for the new antenna system soon after the project was approved. Two parcels of land were actively considered prior to the parcel we are now building on. Both were subsequently found to be unusable or unavailable to us. During the time period between the start of the search and the location of the new site, the Army Corps of Engineers instituted a requirement that they issue a building permit for structures on or adjacent to navigable waterways (after we had been through a State level proceeding for a permit to construct

-- continued

November 14, 1975

in a flood plain). The State of Indiana also began to require a State level building permit for certain structures, the antenna system being among them. However, it was the time and work required to obtain the Corps permit, with the attendant necessity of dealing with several other State and Federal agencies, which resulted in the long delay. Additionally, the FCC declined to issue a Construction Permit for the site relocation until the Corps permit was issued. Our filing with the FCC for the required Construction Permit was initially delayed due to a protracted FAA proceeding. The FAA initially declined to approve our 500 foot towers due to the new site being slightly closer to the Gary, Indiana Airport.

We now have all the required permits and approvals necessary to start the work. The only remaining permits required are the actual building permits from the State and the City of Griffith. The permits have been applied for and are expected within the next three weeks. Both the State and Griffith have issued foundation permits and work is well advanced on the required foundations.

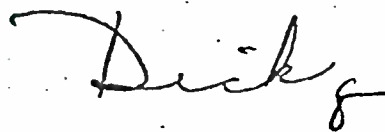
The general site soil condition is the second major reason for the cost escalation, and it is a condition that could not have been anticipated since this was not the site included in the original estimate. As previously stated, the general soil condition dictated that all tower and building foundations be constructed on friction piles. In addition it was necessary to construct a permanent roadway for access to the site and tower locations. The estimated additional cost for site preparation, structure foundations, and roadway at this location is \$175,000.00.

Attached hereto is a sheet listing the major line items for the project. The sheet lists in columnar fashion the original, revised, and changed costs. In the instances where the cost changes exceed the general inflationary cost increases, specific discussion of the respective items is given below.

Item #3 - Phasing System: Many of the required components for the phasing system were formerly manufactured by, and acquired from the E. F. Johnson Company. Johnson is now completely out of the component business and the substitutes are substantially higher priced. As example of this is an R.F. contactor, the Johnson price was \$175.00 and the substitute unit is priced at \$425.00. Seventeen of these units are required for this phasing system.



- Item #5 - Tuning Houses: Foundation costs and the requirement that a stairway be built onto the buildings significantly increased this cost.
- Item #6 - Transmitter Building: The requirement that this building be constructed on pile foundations and other soil related difficulties were primarily responsible for the cost escalation.
- Item #8 - Consultants-Engineering: The new Indiana ABC Building Code requires extensive use of Registered Engineers, which resulted in an estimated \$32,000 cost increase.
- Item #14 - Site Clearing: This site was much more heavily wooded than the site originally contemplated.
- Item #18 - Road Construction: The site soil conditions necessitated a substantial road construction to allow access to the towers. Prodigious amounts of fill material were required which would not have been needed at the original site.
- Item #21 - New Towers: Soil conditions and the resulting required pile foundations and general site conditions increased the tower foundation costs by approximately \$115,000. In addition, a new lightning protection system was recently developed, which should substantially reduce our exposure to lightning damage. This system will be installed on the towers at a cost of \$9,000.



Richard T. Monroe

RTM:dq

Relocation Project Estimated Costs

| <u>ITEM</u> | <u>DESCRIPTION</u>              | <u>ORIGINAL</u> | <u>REVISED*</u> | <u>CHANGE</u> |
|-------------|---------------------------------|-----------------|-----------------|---------------|
| 1           | Land                            |                 |                 |               |
| 2           | Ground System                   | 196.0           | 182.0           | - 14.0        |
| 3           | Phasing System                  | 51.5            | 65.3            | 13.8          |
| 4           | Transmission Lines              | 61.0            | 97.2            | 36.2          |
| 5           | Tuning Houses                   | 66.0            | 100.2           | 34.2          |
| 6           | Transmitter Building            | 11.9            | 35.5            | 23.6          |
| 7           | Consultants - misc.             | 38.5            | 88.0            | 49.5          |
| 8           | Consultants - engineering       | 12.0 e          | 21.3 e          | 9.3           |
| 9           | Architect                       | 43.5            | 84.2            | 40.7          |
| 10          | Surveyor                        | 8.0             | 8.0             | 0.0           |
| 11          | Tech Wages                      | 2.5             | 6.0             | 3.5           |
| 12          | Guard Service                   | 41.0 e          | 56.5 e          | 15.5          |
| 13          | Emergency Generator             | 7.0 e           | 7.0 e           | 0.0           |
| 14          | Site Clearing                   | 10.0            | 17.0            | 7.0           |
| 15          | Miscellaneous Expense           | 5.0             | 19.5            | 14.5          |
| 16          | Sprinkler System                | 0.5 e           |                 | - 0.5         |
| 17          | Transportation                  | 5.0             |                 | - 5.0         |
| 18          | Road Construction               |                 | 5.0 e           | 5.0           |
| 19          | Fence                           | 5.0             | 25.0            | 20.0          |
| 20          | Transmitter Modifications       | 25.0            | 15.0            | - 10.0        |
| 21          | New Towers                      | 2.0 e           | 4.0 e           | 2.0           |
| 22          | Tower Lighting                  | 141.5           | 295.9           | 154.4         |
| 23          | Remove Old Towers               | 6.0             | 6.0             | 0.0           |
| 24          | Contingency                     | 10.0 e          | 9.0 e           | - 1.0         |
|             |                                 | <u>20.0</u>     | <u>57.0</u>     | <u>37.0</u>   |
|             | Total Expense                   | 768.9           | 1,204.6         | 435.7         |
|             |                                 | - 72.5          | - 102.8         | - 30.3        |
|             | Total Capital                   | 696.4           | 1,101.8         | 405.4         |
|             | Estimated value of present site | - 132.3         | - 132.3         |               |
|             |                                 | <u>564.1</u>    | <u>969.5</u>    |               |
|             |                                 | <u>72.5</u>     | <u>102.8</u>    | <u>30.3</u>   |
|             | Total Including Expense         | 636.6           | 1,072.3         | 435.7         |
|             | - expense                       |                 |                 |               |

- as of 10/6/75

STATUS OF E 46-3289 A-Z As of 3/22/76

3/22/76  
3/22/76

|    | 1       | 2                        | 3        | 4        | 5                                      |       |
|----|---------|--------------------------|----------|----------|--|-------|
|    |         | ORDER                    | TO DATE  | BALANCE  | TO COMPLETE<br>COMMITTED<br>NOT BILLED |       |
| 1  | 3289 A  | GROUND MATERIALS         | 29000 -  | 21793 -  | 7207                                   | - 0 - |
| 2  |         |                          |          |          |  |       |
| 3  | 3289 B  | SURVEYOR                 | 2500 -   | 4928 -   | 2420                                   |       |
| 4  |         |                          |          |          |  |       |
| 5  | 3289 BB | "                        | 3500 -   |          |  |       |
| 6  |         |                          |          |          |  |       |
| 7  | 3289 C  | CONS. ENGR I<br>(CLOSED) | 12000 -  | 20736    | 8736                                   |       |
| 8  |         |                          |          |          |  |       |
| 9  |         |                          |          |          |  |       |
| 10 |         |                          |          |          |  |       |
| 11 | 3289 D  | CONSUL ECGA II           | 43500 -  | 50281 -  | 6781 -                                 |       |
| 12 |         |                          |          |          |  |       |
| 13 | 3289 DD | " " "                    | 40700 -  | 108932   |  |       |
| 14 |         |                          |          |          |  |       |
| 15 |         |                          |          |          |  |       |
| 16 | 3289 E  | CLEARING                 | 19000 -  | 19500 -  | 500 -                                  |       |
| 17 |         |                          |          |          |  |       |
| 18 | 3289 F  | LAND                     | 192000 - | 181345 - | 655                                    |       |
| 19 |         |                          |          |          |  |       |
| 20 | 3289 G  | TRANS LINE               | 24000 -  | 24000    | - 0 -                                  |       |
| 21 |         |                          |          |          |  |       |
| 22 | 3289 GG | TRANS LINE APRIL         | 76200 -  | 1421734  |  |       |
| 23 |         |                          |          |          |  |       |
| 24 |         |                          |          |          |  |       |
| 25 | 3289 H  | MON RETROFIT             | 1013 -   |          | 1013 -                                 |       |
| 26 |         |                          |          |          |  |       |
| 27 | 3289 J  | PHASING SYSTEM           | 78000 -  |          |  |       |
| 28 |         | 10/31/75 F RPT           |          | 15552    | 62448 -                                |       |
| 29 |         | 11/31/76 " "             |          | 844      | 61604                                  |       |
| 30 |         |                          |          |          |  |       |
| 31 |         |                          |          |          |  |       |
| 32 |         | ITT-JENNINGS (149000)    |          | 2191483  | 3968917                                |       |
| 33 |         |                          |          |          |  |       |
| 34 |         |                          |          |          |  |       |
| 35 |         |                          |          |          |  |       |
| 36 |         |                          |          |          |  |       |
| 37 | 3289 K  | TUNING HOUSES            | 40000 -  | 32202 -  | 7798                                   |       |
| 38 |         | PEG 4/28/76 F ORD REPT   |          |          |  |       |
| 39 |         |                          |          |          |  |       |
| 40 |         |                          |          |          |  |       |





3/23/76

Summary of EXPENDITURES APPROVED TO DATE

|    | 1    | 2                  | 3         | 4               | 5 |
|----|------|--------------------|-----------|-----------------|---|
|    |      |                    | APPROVED  | EST TO COMPLETE |   |
| 1  | 1    | ACCOUNT 149000     |           |                 |   |
| 2  |      | W.R. RANOOAH       | 193322 22 | 131678          |   |
| 3  |      |                    |           |                 |   |
| 4  |      |                    |           |                 |   |
| 5  |      |                    |           |                 |   |
| 6  |      |                    |           |                 |   |
| 7  |      |                    |           |                 |   |
| 8  |      |                    |           |                 |   |
| 9  |      |                    |           |                 |   |
| 10 | 3289 | A GROUND MATERIAL  | 21793 00  | -0-             |   |
| 11 |      | B SURVEYOR         | 4928 00   | 1100            |   |
| 12 |      | BB                 |           |                 |   |
| 13 |      | C                  | 20736 00  | -0-             |   |
| 14 |      | D CONSULTING       | 50281 00  |                 |   |
| 15 |      | DD "               | 1059 00   |                 |   |
| 16 |      | E CLEARING         | 19500 00  | -0-             |   |
| 17 |      | F LAND             | 181345 00 | -0-             |   |
| 18 |      | G CO AY            | 24000 00  | -0-             |   |
| 19 |      | GG TRANS LINE      | 14217 00  |                 |   |
| 20 |      | H MONITOR          | -0-       | 1013            |   |
| 21 |      | J PHASING          | 15352 00  |                 |   |
| 22 |      | JJ "               | 844 00    |                 |   |
| 23 |      |                    | 21915 00  |                 |   |
| 24 |      |                    |           |                 |   |
| 25 |      |                    |           |                 |   |
| 26 |      | K TUNING HOUSES    | 32202 00  |                 |   |
| 27 |      | L ARCHITECT        | 2000 00   |                 |   |
| 28 |      | M LL ARCHITECT.    | 136795 00 |                 |   |
| 29 |      | N.                 | 4199 00   |                 |   |
| 30 |      | P                  |           |                 |   |
| 31 |      | Q                  |           |                 |   |
| 32 |      | R                  |           |                 |   |
| 33 |      | S                  | 23703 00  |                 |   |
| 34 |      | T                  |           |                 |   |
| 35 |      | U                  |           |                 |   |
| 36 |      | V                  | 2576 00   |                 |   |
| 37 |      |                    |           |                 |   |
| 38 |      | TOTAL PAID TO DATE | 578245 00 |                 |   |
| 39 |      |                    |           |                 |   |
| 40 |      |                    |           |                 |   |



|    | 1      | 2                | 3       | 4       | 5                |
|----|--------|------------------|---------|---------|------------------|
|    |        |                  | E ORDER | TO DATE | AVAIL<br>BALANCE |
| 1  | 3289 R | GENERATOR        |         |         |                  |
| 2  |        |                  |         |         |                  |
| 3  |        |                  |         |         |                  |
| 4  |        |                  |         |         |                  |
| 5  |        |                  |         |         |                  |
| 6  | 3289 S | ROAD             | 25000 - |         |                  |
| 7  |        | 1/31/76 E REPORT |         | 23703   | 1297 -           |
| 8  |        |                  |         |         |                  |
| 9  |        |                  |         |         |                  |
| 10 |        |                  |         |         |                  |
| 11 |        |                  |         |         |                  |
| 12 | 3289 T | FENCING          | 15000 - |         |                  |
| 13 |        |                  |         |         |                  |
| 14 |        |                  |         |         |                  |
| 15 |        |                  |         |         |                  |
| 16 |        |                  |         |         |                  |
| 17 | 3289 U | TECH WAGES       | 96500   |         |                  |
| 18 |        |                  |         |         |                  |
| 19 |        |                  |         |         |                  |
| 20 |        |                  |         |         |                  |
| 21 |        |                  |         |         |                  |
| 22 |        |                  |         |         |                  |
| 23 |        |                  |         |         |                  |
| 24 | 3289 V | GUARD            | 7000 -  |         |                  |
| 25 |        |                  |         |         |                  |
| 26 |        |                  |         |         |                  |
| 27 |        |                  |         |         |                  |
| 28 |        |                  |         |         |                  |
| 29 |        |                  |         |         |                  |
| 30 | 3289 W | TRANSPORTATION   | 5000 -  |         |                  |
| 31 |        |                  |         |         |                  |
| 32 |        |                  |         |         |                  |
| 33 |        |                  |         |         |                  |
| 34 |        |                  |         |         |                  |
| 35 |        |                  |         |         |                  |
| 36 |        |                  |         |         |                  |
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| 39 |        |                  |         |         |                  |
| 40 |        |                  |         |         |                  |

E 00021

1 3289 X TRANS MODS 4000 -

6 3289 Y TOWER REMOVAL 9000 -

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E-ORDER REPORT

WBC, INC. WIND

| (1)<br>Estimated<br>Cost   | (2)<br>This<br>Month | (3)<br>Current<br>YTD | (4)<br>Total<br>To Date | (5)<br>A/C 1490<br>Balance | (6)<br>Capital / Expd.<br>Current Year | (7)<br>Capital / Expd.<br>Prior Year |
|--|----------------------|-----------------------|-------------------------|----------------------------|--|--------------------------------------|
| <b>SPECIAL APPROPRIATION - 1973</b>  |                      |                       |                         |                            |  |                                      |
| Completed Orders - Prior Years   | -0-                  | -0-                   | 21,394                  | -0-                        | -0-                                    | 21,394                               |
| Completed Orders - Current Year  | -0-                  | -0-                   | 1,012                   | -0-                        | 1,012                                  | -0-                                  |
| Xmtr site/Ground System  | -0-                  | -0-                   | 21,793                  | 21,793                     | -0-                                    | -0-                                  |
| Xmtr site/Surveyor   | -0-                  | 4,238                 | 4,928                   | 4,928                      | -0-                                    | 7,207                                |
| Xmtr site/Consulting Eng. Phase II   | 15                   | 47,760                | 50,281                  | 50,281                     | -0-                                    | *2,428                               |
| Xmtr site/Site Clearing  | -0-                  | 19,500                | 19,500                  | 19,500                     | -0-                                    | *6,781                               |
| Xmtr site/Land Acquisition   | -0-                  | -0-                   | -0-                     | -0-                        | -0-                                    | *500                                 |
| Xmtr site/Transmission   | -0-                  | -0-                   | -0-                     | -0-                        | -0-                                    | 182,000                              |
| Phasing System   | -0-                  | 15,552                | 15,552                  | 15,552                     | -0-                                    | 24,000                               |
| Tuning Houses  | -0-                  | 6,074                 | 6,074                   | 6,074                      | -0-                                    | 62,448                               |
| Architect  | 550                  | 2,000                 | 2,000                   | 2,000                      | -0-                                    | 33,926                               |
| Antenna Towers   | 46,299               | 136,795               | 136,795                 | 136,795                    | -0-                                    | -0-                                  |
| Tower Lighting System  | -0-                  | -0-                   | -0-                     | -0-                        | -0-                                    | 23,205                               |
| Road Construction  | 23,703               | 23,703                | 23,703                  | 23,703                     | -0-                                    | 6,000                                |
|  | 70,567               | 255,622               | 303,032                 | 280,626                    | 1,012                                  | 21,394                               |
| <b>ANNUAL FACILITIES PROGRAM - 1974</b>  |                      |                       |                         |                            |  |                                      |
| Completed Orders - Prior Years   | -0-                  | -0-                   | 3,939                   | -0-                        | -0-                                    | 3,939                                |
| Completed Orders - Current Year  | -0-                  | 4,330                 | 4,330                   | -0-                        | 4,330                                  | -0-                                  |
| Remote Broadcast Radio Equipment   | 3,415                | 3,695                 | 3,695                   | 3,695                      | -0-                                    | -0-                                  |
|  | 3,415                | 8,025                 | 11,964                  | 3,695                      | 4,330                                  | 3,939                                |
| <b>NON-APPROPRIATION - 1975</b>  |                      |                       |                         |                            |  |                                      |
| Completed Orders - Current Year  | -0-                  | -0-                   | 9,636                   | -0-                        | 9,636                                  | -0-                                  |
|  | -0-                  | -0-                   | 9,636                   | -0-                        | 9,636                                  | -0-                                  |
| <p>ADDENDUM: A/C 1490 Construction in Progress:<br/>                     Order #E-463289: This entire transmitter project is now in the middle state of construction. No particular portion of this project is a complete unit to qualify by itself to be capitalized.</p> <p>Order # E46-5291A - The \$ 280.00 represents auxiliary parts for this project. The major items of this order have not been delivered at this time.</p> |                      |                       |                         |                            |  |                                      |

E46-3289A  
 E46-3289B  
 E46-3289D  
 E46-3289E  
 E46-3289F  
 E46-3289G  
 E46-3289J  
 E46-3289K  
 E46-3289L  
 E46-3289M  
 E46-3289N  
 E46-3289S

E46-5291A

WIND TRANSMITTER SITE RECONSTRUCTION PROJECT

Revised Cost Allocation by Account (in thousands)

(April 1, 1976 Completion Date Assumed)

|  | 14010           | 14070         | 14030          | 14040          | 1974     | 1975 | 1976 | 1977 |
|--|-----------------|---------------|----------------|----------------|----------|------|------|------|
|  | <u>No Depr.</u> | <u>6 yrs.</u> | <u>20 yrs.</u> | <u>45 yrs.</u> |          |      |      |      |
| Land   | 182.0           |               |                |                |          |      |      |      |
| Ground System                                  |                 | 65.3          |                |                |          |      |      |      |
| Phasing System                                 |                 | 97.2          |                |                |          |      |      |      |
| Transmission Lines                             |                 | 100.2         |                |                |          |      |      |      |
| Tuning Houses                                  |                 |               |                |                |          |      |      |      |
| Transmitter Building                           |                 |               |                | 35.5           |          |      |      |      |
| Consultants (Environmental, Engineering, etc.) |                 |               |                | 88.0           |          |      |      |      |
| Consulting Engineers                           |                 |               | 84.2           |                | (closed) |      |      |      |
| Architect                                      |                 |               |                |                | 21.3     |      |      |      |
| Surveyor                                       | 6.0             |               |                | 8.0            |          |      |      |      |
| Technician Wages                               |                 |               |                |                |          |      |      |      |
| Guard Service                                  |                 |               |                |                |          |      |      | 37.5 |
| Emergency Generator                            |                 | 17.0          |                |                |          |      |      | 19.0 |
| Site Clearing                                  |                 |               |                |                |          |      |      | 7.0  |
| Transportation                                 | 19.5            |               |                |                |          |      |      |      |
| Road Construction                              |                 |               |                |                |          |      |      |      |
| Fencing  |                 |               | 25.0           |                |          |      |      | 2.0  |
| Transmitter Modifications                      |                 |               | 15.0           |                |          |      |      | 3.0  |
| New Towers                                     |                 |               |                |                |          |      |      |      |
| Tower Lighting                                 |                 | 6.0           |                |                |          |      |      | 4.0  |
| Remove Old Towers                              |                 |               | 295.9          |                |          |      |      |      |
| Sub-Totals                                     | 207.5           | 285.7         | 420.1          | 131.5          | 21.3     | 13.0 | 49.5 | 19.0 |

Sub-Total 1,147.6  
 5% Contingency Fund (Not Allocated) 57.0  
 Grand Total 1,204.6

APP - POWER LINE CONS. 3/23/76

ESTIMATE

IF PAGES TO SET

5000

(8,000)





10/2/75

J. Tolleson  
A. Stalker  
G. Olsen

Ground system -

Spent 21.0K on existing Copper

Labor originally 29.0K - Add 25% - 7.25K = 36.3K

need additional 2K for copper

|                 |        |   |            |
|-----------------|--------|---|------------|
| Copper          | 21 + 2 | = | 23.0       |
| Labor           |        |   | 36.3       |
| 10% winter cost |        |   | <u>6.0</u> |
|                 |        |   | 65.3       |

Phasing System -

|                         |  |            |
|-------------------------|--|------------|
| Phasing equipment       |  | 43.9       |
| Capacitors              |  | 24.7       |
| Installation            |  | 14.0       |
| Transformers & switches |  | 2.5        |
| Control cabinets        |  | 4.5        |
| Shipping                |  | <u>3.0</u> |
|                         |  | 92.6       |
| Final additions - 5%    |  | <u>4.6</u> |
|                         |  | 97.2       |

②

Transmission Line

5820' 1 5/8" @ 4.20 = 24,444

8,450' 1/2" @ 1.02 = 8,619

Pressure equipment and fittings 2,440

Slings, Connectors, & fittings 4,669

Hard line & component 3,060

43,282

total

Material 43.3

trenching 14.4

LABOR 35.0

Shipping 2.5

95.2

10% winter 5.0

100.2

Consulting Engineers

Wastholz & Kovick, Olsen ~~42.0~~ 32.0

S.M.K. 43,500 + 20% 52.2 52.2

~~72.2~~ 84.2

Towers

(3)

|                            |         |                    |                  |
|----------------------------|---------|--------------------|------------------|
| Towers                     | 107,320 |                    |                  |
| erection                   | 62,125  | 169,445            |                  |
| L. E. A.                   | 7,880   | 7,880              |                  |
| Additional attachment cost |         | 1,000              |                  |
| Foundations, etc.          | 117,546 | <u>117,546</u>     |                  |
|                            |         | <del>294,871</del> | <del>294.9</del> |
|                            |         | 295,871            | 295.9            |

Tower Buildings

|                   |            |              |       |
|-------------------|------------|--------------|-------|
| tower buildings - | 6463 x 3 = | 19,389       |       |
|                   | 6669 x 1 = | <u>6,669</u> |       |
|                   |            | 26,058       |       |
| Foundations -     |            | <u>9,300</u> |       |
|                   |            | 35,358       | 35.5K |

Transmitter building

|                                 |            |
|---------------------------------|------------|
| W & M Cost estimate complete    | 80.0       |
| extension required wire & cable | <u>8.0</u> |
|                                 | 88.0       |

COMMITMENTS TO DATE ON E-ORDERS

2-5-76

Jewell

Stainless

|                     |                     |                       |
|---------------------|---------------------|-----------------------|
| A-2976 Rec C        | Lowers & Lighting # | 103,700 <sup>00</sup> |
|                     | Erection            | 51,775 <sup>00</sup>  |
|                     | Winter lease        | 10,350 <sup>00</sup>  |
| Randolph Foundation |                     | 117,546 <sup>00</sup> |

Tuning Houses

|                        |                      |
|------------------------|----------------------|
| Advance, Ind.          | 26,128 <sup>00</sup> |
| Randolph Bldg & found. | 9,300 <sup>00</sup>  |

LEA

installed 7880<sup>00</sup>

Phasing includes: AC, Photocell, Austins in tuning houses  
208/600V XFMRs & 600V DISCONNECTS?

Consulting

|                           |       |                               |
|---------------------------|-------|-------------------------------|
|                           | TOTAL | \$ 84,200 <sup>00</sup>       |
| SM&K includes all tune-up |       | \$ 52,200 <sup>00</sup>       |
| W&N all but Architect     |       | 27,000 <sup>00</sup>          |
| G. Olsen                  |       | 6,000 <sup>00</sup>           |
|                           |       | <u>\$ 85,200<sup>00</sup></u> |

OTHERS

As tabulated

WIND RAC 560

WESTINGHOUSE BROADCASTING COMPANY INC

internal correspondence



FROM: John D. Tollefson  
 WIN 532-1240  
 DATE: November 5, 1975  
 SUBJECT: Project #3289/WIND  
 NEW TRANSMITTER SITE

To: Charles Magee

The following is a listing of E-Orders written and proposed for the WIND New Transmitter Site Project:

| <u>E-Order #</u> | <u>E-Order Title</u> | <u>Present</u> | <u>Proposed</u> |
|------------------|----------------------|----------------|-----------------|
| E46-3289 A ✓     | Ground System        | \$29.0         | \$29.0          |
| E46-3289 B ✓     | Surveyor             | 2.5            | 6.0 ✓           |
| E46-3289 C ✓     | Cons. Eng. (I)       | 12.0           | 21.4 (closed)   |
| E46-3289 D ✓     | Cons. Eng. (II)      | 43.5           | 84.2 + ✓        |
| E46-3289 E ✓     | Site Clearing        | 19.0           | 19.5            |
| E46-3289 F ✓     | Land Acq.            | 182.0          | 182.0           |
| E46-3289 G ✓     | Transmission Line    | 24.0           | 100.2 + ✓       |
| E46-3289 H ✓     | Ant. Mon. Retrofit   | 1.0            | 1.0 (closed)    |
| E46-3289 J ✓     | Phasing System       | 78.0           | 97.2 + ✓        |
| E46-3289 K ✓     | Tuning Houses        | 40.0           | 40.0 -          |
| E46-3289 L ✓     | Architect            | 2.0            | 8.0 + ✓ 6.5     |
| E46-3289 M ✓     | Antenna Towers       | 160.0          | 295.9 +         |
| E46-3289 N ✓     | Tower Lighting       | 6.0            | 6.0             |
| E46-3289 P ✓     | Ground System Instal | -              | 36.3 +          |
| E46-3289 Q ✓     | Transmitter Building | -              | 88.0 -          |
| E46-3289 R ✓     | Emergency Generator  | -              | 17.0 +          |
| E46-3289 S ✓     | Road Construction    | - 25.0         | 25.0 ✓          |
| E46-3289 T ✓     | Fencing              | -              | 15.0 +          |
| E46-3289 U ✓     | Technician Wages     | -              | 56.5 +          |
| E46-3289 V ✓     | Guard Service        | -              | 7.0 +           |
| E46-3289 W ✓     | Transportation       | -              | 5.0 ✓           |



|            |                         |   |      |
|------------|-------------------------|---|------|
| E46-3289 X | ↳ Transmitter Mods      | - | 4.0- |
| E46-3289 Y | ↳ Remove Old Towers     | - | 9.0- |
| E46-3289 Z | ↳ Transmitter Audio Eq. | - | 10.0 |

|        |  |         |           |
|--------|--|---------|-----------|
| Totals |  | \$599.0 | \$1,163.2 |
|--------|--|---------|-----------|

E-Orders A through N are existing; P through Z will be written before the end of 1975.

As we discussed on the telephone, I will continue to write E-Orders based on the revised project estimate. Please advise on how to handle those existing accounts in which I expect significant overage.

cc: Philip Nolan  
Richard Monroe



EXPENDITURE ("E") ORDER

WORK COPIES.

UNIT WIND Radio Chicago, Illinois

DATE 2/20/74

Transmitter Site/Ground System Material

| DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT    |
|---|-----------------------|-------------------|----------------------|-----------|
| 22,000 pounds of soft drawn #8 A. W. G. wire<br>copper for ground radials.  | 14070                 | RU 31             | 102                  | \$18,000- |
| 7,000 feet 4 inch copper strap for ground<br>system.  | 14070                 | RU 31             | 102                  | 4,000-    |
| Copper mesh for ground screens.   | 14070                 | RU 31             | 102                  | 5,000-    |
| Transportation for above items.   |                       |                   |                      | 2,000-    |
| The above items are part of the WIND Transmitter<br>Site Relocation Project approved under the<br>1973 Annual Facilities Program. |                       |                   |                      |           |
| Change to #10 wire for grd. sys.  |                       |                   |                      |           |
| TOTAL   |                       |                   |                      | 29,000    |

TOTAL

\$29,000-

|  |                    |   |   |
|--|--------------------|---|---|
| INITIATED BY<br><i>L. D. Tollefson</i> 2-20-74<br>DATE | CORPORATE APPROVAL | APPROVED BY<br><i>R. Monroe</i> 2/22/74<br>DATE<br>VICE-PRESIDENT-ENGINEERING | APPROPRIATION NO.<br>1973 Annual<br>Facilities<br>Program |
|  |                    | APPROVED BY<br><i>P. H. ...</i> 2/25/74<br>DATE<br>APPROVED BY (MDGRS. EXEC.) | PROJECT NO.<br>3289                                       |
|  |                    | APPROVED BY<br><i>C. S. ...</i> 2-20-74<br>DATE<br>APPROVAL (BUSINESS DEPT.)  | E ORDER NO.<br>E46-3289A                                  |

EXPENDITURE ("E") ORDER

UNIT WIND Radio Chicago, Illinois

DATE 2/27/74

Transmitter Site/Surveyor

| DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|---|-----------------------|-------------------|----------------------|----------|
| <p>It is proposed to engage the services of a surveyor licensed in the State of Indiana to survey the land at the new site of the WIND transmitter.</p> <p>There is no depreciation on this item.</p> <p>This item is part of the WIND Transmitter Site Relocation Project approved under the 1973 Annual Facilities Program.</p> | 14010                 | RU 31             |                      | \$2,500- |
| TOTAL   |                       |                   |                      | \$2,500- |

AUTHORIZED BY *D. Tolson* 2-27-74  
 DATE  
 CHECKED BY *C. L. O'Brien* 2/27/74  
 DATE  
 APPROVED BY *[Signature]* 2/27/74  
 DATE

CORPORATE APPROVAL

*R. Monroe* 3/27/74  
 VICE PRESIDENT-ENGINEERING DATE  
*J. H. [Signature]* 3/27/74  
 APPROVED BY (INDORS. EXEC.) DATE  
*C. S. [Signature]* 3/28/74  
 APPROVAL (BUSINESS DEPT.) DATE

APPROPRIATION NO.  
 1973 Special Appropriation  
 PROJECT NO.  
 3289  
 EXPENDITURE ORDER NO.  
 EL6-3289B

EXPENDITURE ("E") ORDER ✓

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 1/14/76

Transmitter Site/Surveyor (Additional)

| ITEM | DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT  |
|------|---|-----------------------|-------------------|----------------------|---------|
| 1    | <p>This E-Order relates to E46-3289 B for services of a licensed Surveyor to provide land survey information for the new WIND transmitter site. Additional expense is required due to land conditions.</p> <p>This item is not depreciated.</p> | 14010                 | RU 31             |                      | \$3,500 |

TOTAL \$3,500

|                     |  |  |                    |   |  |  |  |
|---------------------|--|--|--------------------|---|--|--|--|
| UNIT RECOMMENDATION | <p><i>William R. Ryan</i> 1-14-76<br/>ORIGINATED BY DATE</p> |  | CORPORATE APPROVAL | <p><i>R. Moore</i> 2/17/76<br/>VICE PRESIDENT-ENGINEERING DATE</p>    |  | <p>APPROPRIATION NO<br/>1973 Special Appropriation</p> |  |
|                     | <p><i>Hudmore</i> 1/19/76<br/>REVIEWED BY DATE</p>           |  |                    | <p><i>RWB</i> 2/23/76<br/>APPROVAL (BUSINESS DEPT.) DATE</p>          |  | <p>PROJECT NO<br/>3289</p>                             |  |
|                     | <p><i>[Signature]</i> 12/22/75<br/>APPROVED BY DATE</p>      |  |                    | <p><i>[Signature]</i> 2/19/76<br/>APPROVED BY (STAFF, EXEC.) DATE</p> |  | <p>E ORDER NO.<br/>E46-3289BB</p>                      |  |
|                     |  |  |                    | <p><i>[Signature]</i> 2/26/76<br/>APPROVED BY (STAFF, EXEC.) DATE</p> |  |  |  |

EXPENDITURE ("E") ORDER ✓

UNIT WIND Radio Chicago, Illinois

DATE 2/27/74

Transmitter Site/Consulting Engineering-Phase I

| DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT           |
|---|-----------------------|-------------------|----------------------|------------------|
| <p>It is proposed to engage the services of aeronautical and engineering consultants for the purpose of obtaining the necessary authorities and permits prior to beginning the project.</p> <p>This item is to be expensed.</p> <p>This item is part of the WIND Transmitter Site Relocation Project approved under the 1973 Annual Facilities Program.</p> | <p>EXPENSE</p>        |                   |                      | <p>\$12,000-</p> |

TOTAL \$12,000-

|  |                           |   |  |
|--|---------------------------|---|--|
| <p><i>D. Tallen</i> 2-27-74<br/> <small>APPROVED BY DATE</small></p>     | <p>CORPORATE APPROVAL</p> | <p><i>R. Nimmo</i> 3/27/74<br/> <small>VICE PRESIDENT-ENGINEERING DATE</small></p>    | <p>APPROPRIATION NO.<br/>                 1973 Special Appropriation</p> |
| <p><i>C. H. Chumley</i> 3/27/74<br/> <small>APPROVED BY DATE</small></p> |                           | <p><i>R. H. Hous</i> 3/27/74<br/> <small>APPROVED BY (HOURS, EXEC.) DATE</small></p>  | <p>PROJECT NO.<br/>                 3289</p>                             |
| <p><i>[Signature]</i> 2/27/74<br/> <small>APPROVED BY DATE</small></p>   |                           | <p><i>C. S. Morris</i> 3/28/74<br/> <small>APPROVAL (BUSINESS DEPT.) DATE</small></p> | <p>E ORDER NO.<br/>                 EL6-3289C</p>                        |



EXPENDITURE ("E") ORDER ✓

ENGINEERING UNIT WIND Radio Chicago, Illinois

DATE 2/27/74

Transmitter Site/Consulting Engineering-Phase II

| DESCRIPTION AND SUBSTANTIATION   | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT    |
|--|-----------------------|-------------------|----------------------|-----------|
| <p>It is proposed to engage the services of an engineering consulting firm for the design and proof of the new directional antenna array to be installed at the new WIND Transmitter Site.</p> <p>Expenditures under this request will be depreciated according to a twenty year schedule.</p> <p>This item is part of the WIND Transmitter Site relocation Project approved under the 1973 Annual Facilities Program.</p> | 14030                 | RU 31             |                      | \$43,500- |

TOTAL \$43,500-

|  |                           |                                    |   |
|--|---------------------------|------------------------------------|---|
| <p>DATE BY <i>D. Tallon</i> 2-27-74</p>    | <p>CORPORATE APPROVAL</p> | <p><i>R. Monroe</i> 3/27/74</p>    | <p>APPROPRIATION NO.<br/>1973 Special Appropriation</p> |
| <p>DATE BY <i>J. Obermeyer</i> 3/27/74</p> |                           | <p><i>R. H. Warren</i> 3/27/74</p> | <p>PROJECT NO.<br/>3289</p>                             |
| <p>DATE BY <i>J. P. Hill</i> 2/27/74</p>   |                           | <p><i>J. S. Mann</i> 3/28/74</p>   | <p>E ORDER NO.<br/>E46-3289D</p>                        |



EXPENDITURE ("E") ORDER

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 12/29/75

Consulting Engineering (II) Additional

| ITEM | DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED             | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|------|---|-----------------------------------|-------------------|----------------------|----------|
| 1    | <p>This E-Order is in addition to E46-3289 D for engineering consulting services associated with the new antenna system at WIND. Increasing costs have necessitated this request for additional money.</p> <p>Expenditures under this request will be depreciated on a <del>twenty</del> <sup>15</sup> year schedule.</p> | <p>14670<br/><del>14030</del></p> | RU 31             | 102                  | \$40,700 |

TOTAL

\$40,700

|                     |   |  |                    |   |  |  |  |
|---------------------|---|--|--------------------|---|--|--|--|
| UNIT RECOMMENDATION | <p><i>Joh D. Tallafra</i> 12/29/75<br/>ORIGINATED BY DATE</p> |  | CORPORATE APPROVAL | <p><i>R. W. Baker</i> 2/17/76<br/>VICE PRESIDENT-ENGINEERING DATE</p> |  | <p>APPROPRIATION NO<br/>1973 Special Appropriation</p> |  |
|                     | <p><i>J. Hudson</i> 1/19/76<br/>REVIEWED BY DATE</p>          |  |                    | <p><i>R. W. Baker</i> 2/23/76<br/>APPROVAL (BUSINESS DEPT.) DATE</p>  |  | <p>PROJECT NO.<br/>3289</p>                            |  |
|                     | <p><i>[Signature]</i> 12/22/75<br/>APPROVED BY DATE</p>       |  |                    | <p><i>[Signature]</i> 1/19/76<br/>APPROVED BY (STAFF, EXEC.) DATE</p> |  | <p>E ORDER NO<br/>E46-3289 DD</p>                      |  |
|                     |   |  |                    | <p><i>[Signature]</i> 2/20/76<br/>APPROVED BY (STAFF, EXEC.) DATE</p> |  |  |  |
|                     |   |  |                    |   |  |  |  |

EXPENDITURE ("E") ORDER ✓

UNIT WIND Radio Chicago, Illinois

DATE 2/27/74

Transmitter Site/Site Clearing

| DESCRIPTION AND SUBSTANTIATION   | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|--|-----------------------|-------------------|----------------------|----------|
| <p>It is proposed to have the proposed site for the new WIND Transmitter System cleared and prepared for use. The land is partially covered by vegetation which must be removed for proper installation of the system.</p> <p>There is no depreciation on this item.</p> <p>This item is part of the WIND Transmitter Site Allocation Project approved under the 1973 Annual Facilities Program.</p> | 14010                 | RU 31             |                      | \$19,000 |

TOTAL \$19,000

|  |                           |   |   |
|--|---------------------------|---|---|
| <p>APPROVED BY <i>D. Tolleson</i> 2-27-74<br/>DATE</p> | <p>CORPORATE APPROVAL</p> | <p><i>R. Monroe</i> 3/27/74<br/>VICE PRESIDENT-ENGINEERING DATE</p>   | <p>APPROPRIATION NO.<br/>1973 Special Appropriation</p> |
| <p><i>G. H. Channing</i> 3/27/74<br/>DATE</p>          |                           | <p><i>P. H. Hoar</i> 3/28/74<br/>APPROVED BY (HQ. AS. EXEC.) DATE</p> | <p>PROJECT NO.<br/>3289</p>                             |
| <p><i>[Signature]</i> 2/27/74<br/>DATE</p>             |                           | <p><i>C. S. Morris</i> 3/28/74<br/>APPROVAL (BUSINESS DEPT.) DATE</p> | <p>E ORDER NO.<br/>E46-3289E</p>                        |

EXPENDITURE ("E") ORDER ✓

UNIT WIND Radio Chicago, Illinois

DATE 2/27/74

Transmitter Site/Land Acquisition

| DESCRIPTION AND SUBSTANTIATION   | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT     |
|--|-----------------------|-------------------|----------------------|------------|
| <p>is proposed to purchase approximately 2.57 acres of land as the new transmitter site for WIND Radio at \$3,150 per acre. Included are the real estate commissions and lease/purchase arrangements as contained in the proposed draft of the Lease and Purchase Agreement between Elgin, Joliet, and Eastern Railway Company and Westinghouse Broadcasting Company, Inc. =</p> <p>There is no depreciation on this item.</p> <p>This item is part of the WIND Transmitter Site Location Project approved under the 1973 Annual Facilities Program.</p> | 14010                 | RU 31             |                      | \$182,000- |

TOTAL

\$182,000-

|  |   |   |
|--|---|---|
| <p>BY <i>J. Tolleson</i> 2-27-74<br/>DATE</p>  | <p style="writing-mode: vertical-rl; transform: rotate(180deg);">CORPORATE APPROVAL</p> | <p>APPROPRIATION NO.<br/>1973 Special Appropriation</p>   |
| <p>BY <i>G. Obermeyer</i> 2/27/74<br/>DATE</p> |   | <p>PROJECT NO.<br/>3289</p>   |
| <p>BY <i>[Signature]</i> 2/27/74<br/>DATE</p>  |   | <p>APPROVED BY (INDORS. EXEC.) <i>R.H. Harris</i> 3/28/74<br/>DATE</p> <p>APPROVAL (BUSINESS DEPT.) <i>C.S. Mann</i> 3/28/74<br/>DATE</p> |

EXPENDITURE ("E") ORDER

UNIT WIND Radio Chicago, Illinois

DATE 3/18/74

Transmitter Site/Transmission Lines

| DESCRIPTION AND SUBSTANTIATION   | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|--|-----------------------|-------------------|----------------------|----------|
| 940 feet of coaxial transmission line of various lengths to be used to deliver power from the transmitter to each tower.                       | 14070                 | RU 31             | 102                  | \$16,000 |
| 640 feet of coaxial transmission line in four equal lengths to be used to deliver sample currents from each tower to the transmitter building. | 14070                 | RU 31             | 102                  | 6,000    |
| Transportation   |                       |                   |                      | 2,000    |
| <p><i>3/11/76</i><br/> <i>Cables and Various</i><br/> <i>Insulators</i></p> <p><i>Balance available</i></p>                                    |                       |                   | 24,000               |          |

TOTAL

\$24,000

|  |                           |  |  |
|--|---------------------------|--|--|
| <p>APPROVED BY <i>D. Tallent</i> 3/27/74</p> <p>DATE</p> | <p>CORPORATE APPROVAL</p> | <p><i>R Monroe</i> 3/27/74</p> <p>VICE PRESIDENT-ENGINEERING</p> <p>DATE</p>   | <p>APPROPRIATION NO.</p> <p>1973 Special Appropriation</p> |
| <p><i>L. Cherning</i> 3/27/74</p> <p>DATE</p>            |                           | <p><i>P.H. Hays</i> 3/28/74</p> <p>APPROVED BY (MDGRS. EXEC.)</p> <p>DATE</p>  | <p>PROJECT NO.</p> <p>3289</p>                             |
| <p><i>[Signature]</i> 3.22.74</p> <p>DATE</p>            |                           | <p><i>C.S. Morris</i> 3/28/74</p> <p>APPROVAL (BUSINESS DEPT.)</p> <p>DATE</p> | <p>E ORDER NO.</p> <p>E46-3289G</p>                        |





EXPENDITURE ("E") ORDER ✓

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 12/29/75

Transmission Line Additional

| ITEM | DESCRIPTION AND SUBSTANTIATION   | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|------|--|-----------------------|-------------------|----------------------|----------|
| 1    | <p>This E-Order relates to E46-3289 G which was written to cover only the purchase of cable. Because of the delay of the project, cable costs have risen above original estimates necessitating an increase in the E-Order request.</p> <p>This increase will also cover the cost of installation of the cable.</p> <p>Expenditures under this request will be depreciated on a six year schedule.</p> | 14070                 | RU 31             | 101                  | \$76,200 |

TOTAL \$76,200

|                     |   |  |                    |  |  |   |
|---------------------|---|--|--------------------|--|--|---|
| UNIT RECOMMENDATION | <i>John D. Tallafra</i> 12/29/75<br><small>ORIGINATED BY DATE</small> |  | CORPORATE APPROVAL | <i>R. M. ...</i> 2/19/76<br><small>VICE PRESIDENT-ENGINEERING DATE</small>   |  | APPROPRIATION NO.<br>1973 Special Appropriation |
|                     | <i>Handwritten</i> 1/19/76<br><small>REVIEWED BY DATE</small>         |  |                    | <i>R. W. Baker</i> 2/23/76<br><small>APPROVAL (BUSINESS DEPT.) DATE</small>  |  | PROJECT NO.<br>3289                             |
|                     | <i>[Signature]</i> 12/22/75<br><small>APPROVED BY DATE</small>        |  |                    | <i>[Signature]</i> 2/19/76<br><small>APPROVED BY (STAFF. EXEC.) DATE</small> |  | E ORDER NO.<br>E46-3289 GG                      |
|                     |   |  |                    | <i>[Signature]</i> 2/20/76<br><small>APPROVED BY (STAFF. EXEC.) DATE</small> |  |   |

Antenna Monitor retrofit

| DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT  |
|---|-----------------------|-------------------|----------------------|---------|
| <p>Retrofit Potomac Instruments AM-19 for digital readout and remote control phase monitoring. This monitor will be required by the FCC Rules in the the new antenna installation, or in any old installation by 1977. The work will be done now in preparation for the new site.</p> | 14070                 | RU 31             | 102                  | \$1,013 |

TOTAL \$1,013

|  |   |   |
|--|---|---|
| <p>Talleferro 9/26/74<br/>DATE</p>         | <p><i>R. Nieme</i> 10/11/74<br/>VICE PRESIDENT-ENGINEERING DATE</p>   | <p>APPROPRIATION NO.<br/>1973 Special Appropriation</p> |
| <p><i>Cudmore</i> 9/26/74<br/>DATE</p>     | <p><i>R. H. Hays</i> 11/74<br/>APPROVED BY (HIGHER EXEC.) DATE</p>    | <p>PROJECT NO.<br/>3289</p>                             |
| <p><i>[Signature]</i> 9/26/74<br/>DATE</p> | <p><i>[Signature]</i> 10/17/74<br/>APPROVAL (BUSINESS DEPT.) DATE</p> | <p>E ORDER NO.<br/>E46-3289 H</p>                       |

EXPENDITURE ("E") ORDER ✓

ORG UNIT WIND Radio, Chicago

DATE July 7, 1975

Phasing System

| DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|---|-----------------------|-------------------|----------------------|----------|
| Complete NDA, DA-2 three cabinet phasing system for 4 tower directional, including tuning house equipment for installation in new transmitter site. | 14070                 | RU31              | 101                  | \$66,000 |
| Installation of tuning house equipment supplied in above into tuning houses.  | 14070                 | RU31              | 101                  | 12,000   |

TOTAL

\$78,000

*[Handwritten signature]*

ORIGINATED BY *L. D. Tolleson* DATE *7/7/75*  
 REVIEWED BY *Chadman* DATE *7/7/75*  
 APPROVED BY *[Signature]* DATE *7/7/75*

CORPORATE APPROVAL

*[Signature]* DATE *7/21/75*  
 VICE PRESIDENT ENGINEERING  
*[Signature]* DATE *7/28/75*  
 APPROVAL (BUSINESS DEPT.)  
*[Signature]* DATE *7/21/75*  
 APPROVED BY (STATE, FEEL)

APPROPRIATION NO  
 1973 Special Appropriation  
 PROJECT NO  
 3289  
 ORDER NO  
 E46-3289 J



EXPENDITURE ("E") ORDER

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 12/29/75

Phasing System Additional

| ITEM | DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|------|---|-----------------------|-------------------|----------------------|----------|
| 1    | <p>This E-Order is to request additional funds for the phasing system described in E46-3289 J. Because the project was delayed, prices of equipment and installation were increased.</p> <p>Expenditures under this request will be depreciated on a six year schedule.</p> | 14070                 | RU 31             | 101                  | \$19,200 |

TOTAL

\$19,200

UNIT RECOMMENDATION

CORPORATE APPROVAL

*Jah D. Tallapo* 12/24/75  
ORIGINATED BY DATE

*J. Anderson* 1/19/76  
REVIEWED BY DATE

*[Signature]* 12/22/75  
APPROVED BY DATE

*R. M. Moore* 2/17/76  
VICE PRESIDENT-ENGINEERING DATE

*Rw Baker* 2/23/76  
APPROVAL (BUSINESS DEPT.) DATE

*[Signature]* 2/19/76  
APPROVED BY (STAFF. EXEC.) DATE

*[Signature]* 2/20/76  
APPROVED BY (STAFF. EXEC.) DATE

APPROPRIATION NO.

1973 Special Appropriation

PROJECT NO.

3289

E ORDER NO.

E46-3289 JJ

EXPENDITURE ("E") ORDER ✓

ORIGINATING UNIT WIND Radio Chicago

DATE July 7, 1975

Tuning Houses

| DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED       | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|---|-----------------------------|-------------------|----------------------|--|
| Four prefabricated metal equipment buildings, 8' X 10' X 8' for use at the base of each tower in the new site.<br><br><i>Advances Industries<br/>PO #185625</i> | 14040<br><br><i>Balance</i> | RU 31             | 101                  | \$40,000<br><br><i>26,128</i><br><hr/> <i>13,872</i> |

TOTAL \$40,000

|   |   |  |
|---|---|--|
| Originated by <i>John O. Tolleson</i> 7/7/75<br><small>ORIGINATED BY DATE</small> | Vice President/Engineer <i>[Signature]</i> 7/1/75<br><small>VICE PRES. ENGINEER DATE</small>                | APPROPRIATION NO<br>1973 Special Appropriation |
| Approved by <i>[Signature]</i> 7/7/75<br><small>APPROVED BY DATE</small>          | Approval (Business Dept) <i>[Signature]</i> 7/8/75<br><small>APPROVAL (BUSINESS DEPT) DATE</small>          | PROJECT NO<br>3289                             |
| Prepared by <i>[Signature]</i> 7/7/75<br><small>PREPARED BY DATE</small>          | Attached by (State, Faculty) <i>[Signature]</i> 7/21/75<br><small>ATTACHED BY (STATE, FACULTY) DATE</small> | ORDER NO<br>E46-3289 K                         |



EXPENDITURE ("E") ORDER

ACTING UNIT WIND Radio Chicago

DATE July 7, 1975

Architect

| DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT  |
|---|-----------------------|-------------------|----------------------|---------|
| We propose to hire an Indiana architect to design transmitter building to our specifications. | 14040                 | RU31              | 101                  | \$2,000 |

TOTAL

\$2,000

*L. O. Tallies* 7/7/75  
APPROVED BY DATE  
*Kudmon* 7/7/75  
APPROVED BY DATE  
*[Signature]* 7/7/75  
APPROVED BY DATE

CORPORATE APPROVAL  
*[Signature]* 7/28/75  
VICE PRESIDENT-ENGINEERING DATE  
*[Signature]* 7/28/75  
APPROVAL (BUSINESS DEPT.) DATE  
*[Signature]* 7/24/75  
APPROVED BY (STATE EXEC.) DATE  
APPROVED BY (STATE EXEC.) DATE

APPROPRIATION NO.  
 1973 Special Appropriation  
PROJECT NO.  
 3289  
ORDER NO.  
 E46-3289 L

EXPENDITURE ("E") ORDER ✓

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 1/14/76

Architect (Additional)

| ITEM | DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT  |
|------|---|-----------------------|-------------------|----------------------|---------|
| 1    | <p>This E-Order is related to E46-3289 L, covering architectural services for the design of the new transmitter building to our specifications. Additional service required due to delay in site preparations and unusual soil conditions surrounding building construction.</p> <p>Expenditures under this request will be depreciated on a 45 year basis.</p> | 14040                 | RU 31             | 101                  | \$6,000 |

TOTAL \$6,000

|                     |  |                    |  |   |
|---------------------|--|--------------------|--|---|
| UNIT RECOMMENDATION | <p><i>William R. Ryan</i> 1-14-76<br/>ORIGINATED BY DATE</p> | CORPORATE APPROVAL | <p><i>R. W. Baker</i> 2/17/76<br/>VICE PRESIDENT-ENGINEERING DATE</p>  | <p>APPROPRIATION NO.<br/>1973 Special Appropriation</p> |
|                     | <p><i>J. Hedman</i> 1/19/76<br/>REVIEWED BY DATE</p>         |                    | <p><i>R. W. Baker</i> 2/23/76<br/>APPROVAL (BUSINESS DEPT.) DATE</p>   | <p>PROJECT NO.<br/>3289</p>                             |
|                     | <p><i>[Signature]</i> 12/22/75<br/>APPROVED BY DATE</p>      |                    | <p><i>R. H. Hedman</i> 2/19/76<br/>APPROVED BY (STAFF. EXEC.) DATE</p> | <p>E ORDER NO.<br/>E46-3289 LL</p>                      |
|                     |  |                    | <p><i>[Signature]</i> 2/20/76<br/>APPROVED BY (STAFF. EXEC.) DATE</p>  |   |

EXPENDITURE ("E") ORDER ✓

UNIT WIND Radio Chicago

DATE July 7, 1975

Antenna Towers

| DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT    |
|---|-----------------------|-------------------|----------------------|-----------|
| Four uniform cross-section, guyed 500 foot towers to be used in the new site. Amount includes erection. | 14030                 | RU 31             | 102                  | \$160,000 |

TOTAL

\$160,000

L. O. Tallipes 7/7/75  
INITIATED BY DATE  
 Cedrone 7/7/75  
APPROVED BY DATE  
 [Signature] 7/7/75  
APPROVED BY DATE

CORPORATE APPROVAL

[Signature] 7/21/75  
VICE PRESIDENT - ENGINEER DATE  
 [Signature] 7/28/75  
APPROVAL (BUSINESS DEPT) DATE  
 [Signature] 7/24/75  
APPROVED BY (INSTALL. FACILITY) DATE  
APPROVED BY (INSTALL. FACILITY) DATE

APPROPRIATION NO.  
 1973 Special Appropriation  
PROJECT NO.  
 3289  
IDENTIFICATION NO.  
 E46-3289 M



EXPENDITURE ("E") ORDER

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 1/14/76

Antenna Towers (Additional)

| ITEM | DESCRIPTION AND SUBSTANTIATION   | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT     |
|------|--|-----------------------|-------------------|----------------------|------------|
| 1    | <p>This E-Order relates to E46-3289 M covering four new towers and erection at the new transmitter site of WIND. Additional expense request is made due to escalation of equipment and installation costs caused by normal material and labor cost, very poor soil conditions at site causing unusual construction and erection difficulty and related delays.</p> <p>This item will be depreciated on a 20 year schedule.</p> | 14030                 | RU 31             | 102                  | \$135, 900 |

TOTAL

\$135, 900

|                     |  |  |                    |   |  |  |  |
|---------------------|--|--|--------------------|---|--|--|--|
| UNIT RECOMMENDATION | <p><i>William L. Ryan</i> 1-14-76<br/>ORIGINATED BY DATE</p> |  | CORPORATE APPROVAL | <p><i>R. H. Moore</i> 2/17/76<br/>VICE PRESIDENT-ENGINEERING DATE</p> |  | <p>APPROPRIATION NO.<br/>1973 Special Appropriations</p> |  |
|                     | <p><i>J. Anderson</i> 1/19/76<br/>REVIEWED BY DATE</p>       |  |                    | <p><i>R. W. Baker</i> 2/23/76<br/>APPROVAL (BUSINESS DEPT.) DATE</p>  |  | <p>PROJECT NO.<br/>3289</p>                              |  |
|                     | <p><i>[Signature]</i> 12/22/75<br/>APPROVED BY DATE</p>      |  |                    | <p><i>R. H. Moore</i> 2/12/76<br/>APPROVED BY (STAFF, EXEC.) DATE</p> |  | <p>E ORDER NO.<br/>E46-3289 MM</p>                       |  |
|                     |  |  |                    | <p><i>[Signature]</i> 2/20/76<br/>APPROVED BY (STAFF, EXEC.) DATE</p> |  |  |  |

EXPENDITURE ("E") ORDER ✓

UNIT WIND Radio Chicago

DATE July 7, 1975

Tower Lighting System

| DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT  |
|---|-----------------------|-------------------|----------------------|---------|
| Tower lighting system for new transmitter site. Includes cable and system not on the tower for FAA required lighting of new towers. | 14070                 | RU 31             | 101                  | \$6,000 |

TOTAL \$6,000

John D. Tallapo 7/2/75  
ORIGINATED BY DATE

Hudmore 7/2/75  
REVIEWED BY DATE

[Signature] 7/7/75  
DATE

CORPORATE APPROVAL

[Signature] 7/2/75  
VICE PRES. / ENGR. DATE

[Signature] 7/2/75  
APPROVAL - BUSINESS DEPT. DATE

[Signature] 7/2/75  
APPROVED BY (TITLE) - EXEC. DATE

1973 Special appropriation

PROJECT NO  
3289

ORDER NO  
E46-3289 N



EXPENDITURE ("E") ORDER ✓

✓ ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 1/14/76

Ground System Installation

| ITEM | DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|------|---|-----------------------|-------------------|----------------------|----------|
| 1    | Installation of ground system relative to construction of new transmitting site for WIND.<br><br>This item will be depreciated on a 6 year basis. | 14070                 | RU 31             | 102                  | \$36,300 |

TOTAL \$36,300

**UNIT RECOMMENDATION**

ORIGINATED BY: *William R. Lyon* DATE: 1/14/76

REVIEWED BY: *J. Hudson* DATE: 1/19/76

APPROVED BY: *[Signature]* DATE: 1/22/76

**CORPORATE APPROVAL**

APPROVED BY (VICE PRES. - ENG. DEPT.): *R. M. [Signature]* DATE: 2/17/76

APPROVED BY (BUSINESS DEPT.): *R. W. Baker* DATE: 2/23/76

APPROVED BY (STAFF EXEC.): *[Signature]* DATE: 2/19/76

APPROVED BY (STAFF EXEC.): *[Signature]* DATE: 2/22/76

APPROPRIATION NO. 1973 Special Appropriation

PROJECT NO. 3289

E ORDER NO. E46-3289 P



EXPENDITURE ("E") ORDER ✓

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 1/14/76

Transmitter Building

| ITEM | DESCRIPTION AND SUBSTANTIATION   | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|------|--|-----------------------|-------------------|----------------------|----------|
| 1    | <p>Construction of new transmitter building to specifications at new transmitter site of WIND.</p> <p>This item will be depreciated on a 45 year schedule.</p> | 14040                 | RU 31             | 101                  | \$88,000 |

TOTAL

\$88,000

UNIT RECOMMENDATION

*William R. Ryan* 1-14-76  
ORIGINATED BY DATE

*Judwore* 1/19/76  
REVIEWED BY DATE

*[Signature]* 12/22/75  
APPROVED BY DATE

CORPORATE APPROVAL

*[Signature]* 2/17/76  
VICE PRESIDENT-ENGINEERING DATE

*RW Bahr* 2/23/76  
APPROVAL (BUSINESS DEPT.) DATE

*[Signature]* 2/19/76  
APPROVED BY (STAFF EXEC.) DATE

*[Signature]* 2/20/76  
APPROVED BY (STAFF EXEC.) DATE

APPROPRIATION NO  
1973 Special  
Appropriation

PROJECT NO.  
3289

E ORDER NO  
E46-3289 Q



EXPENDITURE ("E") ORDER

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 1/14/76

Emergency Generator

| ITEM | DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|------|---|-----------------------|-------------------|----------------------|----------|
| 1    | <p>Emergency power generator to operate new transmitter site during power outages.</p> <p>This item will depreciate on a 6 year schedule.</p> | 14070                 | RU 31             | 101                  | \$17,000 |

TOTAL

\$17,000

UNIT RECOMMENDATION

*William L. Lyon* 1-14-76  
ORIGINATED BY DATE

*Hudman* 1/19/76  
REVIEWED BY DATE

*[Signature]* 12/22/75  
APPROVED BY DATE

CORPORATE APPROVAL

*R. Moore* 2/17/76  
VICE PRESIDENT-ENGINEERING DATE

*R. Baker* 2/23/76  
APPROVAL (BUSINESS DEPT.) DATE

*J. Harris* 2/17/76  
APPROVED BY (STAFF EXEC.) DATE

*[Signature]* 2/20/76  
APPROVED BY (STAFF EXEC.) DATE

APPROPRIATION NO  
1973 Special  
Appropriation

PROJECT NO.  
3289

E ORDER NO.

E46-3289 R

EXPENDITURE ("E") ORDER ✓

UNIT WIND Radio, Chicago, Illinois

DATE 12/3/75

Transmitter Site/Road Construction

| DESCRIPTION AND SUBSTANTIATION   | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|--|-----------------------|-------------------|----------------------|--|
| <p>It is proposed to construct a road from slag fill material to make construction of the towers possible. Soil conditions on the new site are such that a good road be built for use during construction and after.</p> |                       |                   |                      |  |
| <p>Depreciation schedule: 20 years.</p>  | 14030                 | RU 31             |                      | \$25,000                                       |
| <p><i>1/31/76 E order Dept Unspent</i></p>   |                       |                   |                      | <p><i>23,703</i></p> <hr/> <p><i>1,297</i></p> |

TOTAL

\$25,000

*L. D. Tallipani* 12-3-75  
ORIGINATED BY DATE

*Kidmore* 12/3/75  
APPROVED BY DATE

*[Signature]* 12/3/75  
APPROVED BY DATE

CORPORATE APPROVAL

*R. M. [Signature]* 12/5/75  
VICE PRESIDENT-ENGINEERING DATE

*[Signature]* 12/15/75  
APPROVAL (BUSINESS DEPT.) DATE

*[Signature]* 12/1/75  
APPROVED BY (STAFF EXEC.) DATE

APPROPRIATION NO  
 1973 Special Appropriation

PROJECT NO

3289

E ORDER NO

E46-3289 S



EXPENDITURE ("E") ORDER ✓



ORIGINATING UNIT

WIND Radio, Chicago, Illinois

DATE 1/14/76

Fencing

| ITEM | DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT   |
|------|---|-----------------------|-------------------|----------------------|----------|
| 1    | <p>Fencing to be installed to secure areas at new WIND transmitter site.</p> <p>Depreciation schedule: 20 years</p> | 14030                 | RU 31             | 101                  | \$15,000 |

TOTAL

\$15,000

UNIT RECOMMENDATION

*William R. Ryan* 1-14-76  
ORIGINATED BY DATE

*Judmore* 1/19/76  
REVIEWED BY DATE

*[Signature]* 12/22/75  
APPROVED BY DATE

CORPORATE APPROVAL

*R. M. [Signature]* 2/17/76  
VICE PRESIDENT-ENGINEERING DATE

*R. W. [Signature]* 2/23/76  
APPROVAL (BUSINESS DEPT.) DATE

*[Signature]* 2/19/76  
APPROVED BY (STAFF, EXEC.) DATE

*[Signature]* 2/28/76  
APPROVED BY (STAFF, EXEC.) DATE

APPROPRIATION NO.  
1973 Special Appropriation

PROJECT NO.  
3289

E ORDER NO.

E46-3289 T





EXPENDITURE ("E") ORDER ✓

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 1/14/76

Technician Wages

| ITEM | DESCRIPTION AND SUBSTANTIATION   | ACCOUNT TO BE CHARGED                   | PROPERTY LOCATION            | EQUIPMENT CLASS CODE | AMOUNT   |
|------|--|---|------------------------------|----------------------|----------|
| 1    | <p>Wages for technicians to install, test and perform required work at new WIND transmitter site.</p> <p>There is no depreciation schedule for this item</p> | <p><del>14010</del><br/>101<br/>RWB</p> | <p><del>██████████</del></p> |                      | \$56,500 |

TOTAL \$56,500

|                     |  |                    |   |  |
|---------------------|--|--------------------|---|--|
| UNIT RECOMMENDATION | <p><i>William R. Ryan</i> 1-14-76<br/>ORIGINATED BY DATE</p> | CORPORATE APPROVAL | <p><i>R. M. Morse</i> 2/17/76<br/>VICE PRESIDENT-ENGINEERING DATE</p> | <p>APPROPRIATION NO<br/>1973 Special Appropriation</p> |
|                     | <p><i>[Signature]</i> 1/19/76<br/>REVIEWED BY DATE</p>       |                    | <p><i>RWB</i> 2/23/76<br/>APPROVAL (BUSINESS DEPT.) DATE</p>          | <p>PROJECT NO.<br/>3289</p>                            |
|                     | <p><i>[Signature]</i> 12/22/75<br/>APPROVED BY DATE</p>      |                    | <p><i>[Signature]</i> 4/19/76<br/>APPROVED BY (STAFF, EXEC.) DATE</p> | <p>E ORDER NO.<br/>E46-3289 U</p>                      |
|                     |  |                    | <p><i>[Signature]</i> 2/26/76<br/>APPROVED BY (STAFF, EXEC.) DATE</p> |  |

EXPENDITURE ("E") ORDER ✓

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 1/14/76

Guard Service

| ITEM | DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED          | PROPERTY LOCATION               | EQUIPMENT CLASS CODE | AMOUNT         |
|------|---|--------------------------------|---------------------------------|----------------------|----------------|
| 1    | <p>Guard service to protect materials and equipment during new transmitter site construction for WIND.</p> <p>There is no depreciation schedule for this item</p> <p style="text-align: right; font-size: 2em;"><i>RWB</i></p> <p>3/11/76<br/>The Guardian Agency<br/><del>4/16/76</del><br/>4/16 hours @ 400<br/>2/13/76 thru 3/6/76</p> | <p><del>1119</del><br/>119</p> | <p><del>1664</del><br/>1664</p> | <p>00</p>            | <p>\$7,000</p> |

TOTAL

\$7,000

UNIT RECORDATION

*William L. Ryan* 1-14-76  
ORIGINATED BY DATE

*Stedmore* 1/19/76  
REVIEWED BY DATE

*[Signature]* 1-15-76  
APPROVED BY DATE

CORPORATE APPROVAL

*R. Monroe* 2/17/76  
VICE PRESIDENT-ENGINEERING DATE

*RWB* 2/23/76  
APPROVAL (BUSINESS DEPT.) DATE

*R. H. Harris* 2/19/76  
APPROVED BY (STAFF, EXEC.) DATE

*William L. Skirrow* 2/22/76  
APPROVED BY (STAFF, EXEC.) DATE

APPROPRIATION NO.  
1973 Special Appropriation

PROJECT NO.  
3289

E ORDER NO.  
E46-3289 V

EXPENDITURE ("E") ORDER ✓

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 1/14/76

Transportation

| ITEM | DESCRIPTION AND SUBSTANTIATION   | ACCOUNT TO BE CHARGED   | PROPERTY LOCATION       | EQUIPMENT CLASS CODE | AMOUNT         |
|------|--|---|-------------------------|----------------------|----------------|
| 1    | <p>Transportation of equipment and materials at site under construction for new WIND facility.</p> <p>This item is not to be depreciated</p> <p><i>RWB</i></p> | <p><del>14010</del></p> <p><i>Various expense budgets</i></p> | <p><del>BU 31</del></p> |                      | <p>\$5,000</p> |

TOTAL \$5,000

|                     |                               |                               |                    |                            |      |   |
|---------------------|-------------------------------|-------------------------------|--------------------|----------------------------|------|---|
| UNIT RECOMMENDATION | <i>William R. Lya</i> 1-14-76 |                               | CORPORATE APPROVAL | <i>R Monroe</i> 2/17/76    |      | APPROPRIATION NO.<br>1973 Special Appropriation |
|                     | ORIGINATED BY                 | DATE                          |                    | VICE PRESIDENT-ENGINEERING | DATE | PROJECT NO.<br>3289                             |
|                     | <i>Judmore</i> 1/14/76        |                               |                    | <i>RWBahn</i> 2/23/76      |      | E ORDER NO.<br>E46 3289 W                       |
|                     | REVIEWED BY                   | DATE                          |                    | APPROVAL (BUSINESS DEPT.)  | DATE |   |
| <i>M...</i> 1-15-76 |                               | <i>R.H. Hearn</i> 2/19/76     |                    |                            |      |   |
| APPROVED BY         | DATE                          | APPROVED BY (STAFF, EXEC.)    | DATE               |                            |      |   |
|                     |                               | <i>William R. Lya</i> 2/20/76 |                    |                            |      |   |
|                     |                               | APPROVED BY (STAFF, EXEC.)    | DATE               |                            |      |   |

EXPENDITURE ("E") ORDER

ORIGINATING UNIT

WIND Radio, Chicago, Illinois

DATE 1/14/76

Transmitter Modifications

| ITEM | DESCRIPTION AND SUBSTANTIATION  | ACCOUNT TO BE CHARGED                             | PROPERTY LOCATION       | EQUIPMENT CLASS CODE  | AMOUNT         |
|------|---|---|-------------------------|-----------------------|----------------|
| 1    | <p>Modifications to transmitter equipment to be used at new WIND transmitter site.</p> <p>No depreciation on this item.</p> | <p><del>11010</del><br/>101</p> <p><i>RWB</i></p> | <p><del>RW 11</del></p> | <p><del>100</del></p> | <p>\$4,000</p> |

TOTAL

\$4,000

UNIT RECOMMENDATION

*William R. Ryan* 1-14-76  
ORIGINATED BY DATE

*J. Anderson* 1/19/76  
REVIEWED BY DATE

*M. Allen* 1-15-76  
APPROVED BY DATE

CORPORATE APPROVAL

*R. M. ...* 2/17/76  
VICE PRESIDENT-ENGINEERING DATE

*RWB* 2/23/76  
APPROVAL (BUSINESS DEPT.) DATE

*B. H. ...* 2/19/76  
APPROVED BY (STAFF, EXEC.) DATE

*...* 2/22/76  
APPROVED BY (STAFF, EXEC.) DATE

APPROPRIATION NO.  
1973 Special Appropriation

PROJECT NO.  
3289

E ORDER NO.  
E46-3289 X

EXPENDITURE ("E") ORDER ✓

ORIGINATING UNIT WIND Radio, Chicago, Illinois

DATE 1/14/76

Remove old towers

| ITEM | DESCRIPTION AND SUBSTANTIATION   | ACCOUNT TO BE CHARGED   | PROPERTY LOCATION | EQUIPMENT CLASS CODE | AMOUNT  |
|------|--|-------------------------|-------------------|----------------------|---------|
| 1    | Removal and disposal of existing old towers after completion of new WIND transmitter site.<br><br>No depreciation on this item.<br><br><i>RWB.</i> | <del>14010</del><br>119 | <del>RU 31</del>  | <del>105</del>       | \$9,000 |

TOTAL \$9,000

|                     |  |                    |   |   |
|---------------------|--|--------------------|---|---|
| UNIT RECOMMENDATION | William L. Ryan 1/14/76<br><small>ORIGINATED BY DATE</small> | CORPORATE APPROVAL | R. M. ... 2/17/76<br><small>VICE PRESIDENT-ENGINEERING DATE</small> | APPROPRIATION NO.<br>1973 Special Appropriation |
|                     | Hudson 1/19/76<br><small>REVIEWED BY DATE</small>            |                    | RWBaker 2/23/76<br><small>APPROVAL (BUSINESS DEPT.) DATE</small>    | PROJECT NO.<br>3289                             |
|                     | M... 1.15.76<br><small>APPROVED BY DATE</small>              |                    | R.H. ... 2/19/76<br><small>APPROVED BY (STAFF, EXEC.) DATE</small>  | E ORDER NO.<br>E46-3289 Y                       |
|                     |  |                    | ... 2/20/76<br><small>APPROVED BY (STAFF, EXEC.) DATE</small>       |   |





Electrical Contractors

Telephones: { DES PLAINES 827-8158  
CHICAGO 763-5960

# W. J. O'Brien Electric Co., Inc.

2410 SOUTH DES PLAINES AVENUE—DES PLAINES, ILLINOIS 60018

May 10th, 1976

Mr. Bill Ryan  
WIND  
625 N. Michigan Ave.  
Chicago, Il.

Dear Mr. Ryan,

Attached please find a breakdown of our invoice #8412, in the amount of \$14,500.00.

Our Po # 9490-Alpine Wire & Cable.....total \$12,348.82

- 5100'-20/c #14 direct burial
- 7000' 6/pr Belden #9886
- 7500'-#2 Direct Burial
- 2000'-#4 Direct Burial
- 1300'-#6 Direct Burial

Misc. material from W.J.O'Brien Electric Co., Inc. 's warehouse.....total \$ 24.02

2- Splice kits and lugs

W.J.O'Brien Electric & Meade Electric labor

94 hrs. @ \$20.50 per hr.....\$ 1927.00

Meade Electric equipment charge.....\$ 255.30

\$ 14,555.14

This is for your information.

Yours very truly,

*OK Bruce W. Ratto 5/21/76*

W.J.O'Brien Electric Co., Inc.

*Charge F46-3289 GG*

BY: *John W. O'Brien*  
President

THIS IS PAYMENT FOR MATERIALS  
PURCHASED AS PART OF  
O'BRIEN CONTRACT 14/23/75  
FOR TRANSMISSION LINE INSTALLATION

JWO'B:pr



Telephones: { DES PLAINES 827-8158  
CHICAGO 763-5960

Electrical Contractors

# W. J. O'Brien Electric Co., Inc.

2410 SOUTH DES PLAINES AVENUE—DES PLAINES, ILLINOIS 60018

December 23rd, 1975

W.I.N.D. Radio  
625 N. Michigan Ave.  
Chicago, Il. 60611

Attn: Mr. John Tollefson: Midwest Engineering Mgr.

Dear John,

This will confirm my verbal quotation of THIRTY FOUR THOUSAND NINE HUNDRED DOLLARS (\$34,900.00) to do the following work at the new XMTR site in Griffith, Indiana.

The work will consist of the following;

1. Trench and backfill as required for the power, control and RF cable to the 4 towers. Trench shall be 4' deep, before backfilling, we will place 1X8 board over Heliax to absorb any shocks from backfill.
2. Furnish and install power, control and audio cables, and install owner furnished RF cables in trench.
3. All raceways for cables at tuning houses will be installed by others and will be of proper size and quantity to accept all cables required at each location.
4. Raceways at XMTR building should be installed if possible so that our work can be started and completed.
5. No termination of power, control, audio or RF cables has been figured at this time.

It is my understanding that Indiana has a 2% tax on gross sales. This is not included in our estimated price.

We appreciate the opportunity of quoting on this installation and if any further information is required please call our office.

Yours very truly,

W. J. O'Brien Electric Co., Inc.

By:   
John W. O'Brien, President

JWO'B:pr  
CC

January 5, 1976

Mr. John W. O'Brien, President  
W. J. O'Brien Electric Co., Inc.  
2410 South Des Plaines Avenue  
Des Plaines, Illinois 60018

Dear Jack:

This will confirm acceptance of the quotation detailed in your letter of December 23, 1975, to John Tollefson at WIND, for work at the new transmitter site in Griffith, Indiana. The quoted price for the work outlined is \$34,900.00.

As we discussed on Wednesday by phone, the RF cables will be arriving today. The shipping instructions to Cablewave Systems ask that the shipment be delivered to Mead Electric in Hammond, Indiana, for storage until site preparations are completed.

We will be in contact as work progresses.

Sincerely,

William R. Ryan  
Engineering Manager - WIND

WRR/mgm

BC: Philip Nolan  
Edward Wallis  
Richard H. Harris  
Marvin L. Shapiro  
Richard T. Monroe  
J. J. Cudmore

Westinghouse Broadcasting Company, Inc.  
625 North Michigan Avenue  
Chicago, Illinois 60611

REFER TO ORDER NO. BELOW

DATE 3/29/74 ORDER NO. 18-5537

SPECIAL INSTRUCTIONS  
Ship to WIND Transmitter  
4801 W. 29th Avenue  
Gary, Indiana 46406


ORDER  
PLACED  
WITH

Republic Steel Corporation  
1 Bala Avenue  
Bala Cynwyd, Pennsylvania 19004  
Attention: Mr. Jeff Jones

PLEASE SUPPLY THE FOLLOWING:

| QUANTITY  | DESCRIPTION (NAME OF PART, STYLE NO., DWG. & ITEM, P. D. SPEC., ETC.)               | UNIT PRICE | TOTAL PRICE     |
|-----------|---|------------|-----------------|
| 8 cartons | Each carton containing 6 8foot by 24 foot sheets copper screen. Total of 48 sheets. | \$870.00   | \$6,960.00      |
|           | Less 35%  |            | <u>2,436.00</u> |
|           | Total   |            | \$4,524.00      |
|           | Shipping charges to be added  |            |                 |

Notify John D. Tollefson at 312-527-2170 when ready to ship.

|               |                 |  |  |
|---------------|-----------------|--|--|
| F. O. B.      | TRANSP. CHARGES | CASH TERMS   | ADDRESS CORRESPONDENCE TO<br>John D. Tollefson |
| SHIPPING DATE | SHIP VIA        | AUTHORIZED BY<br> |  |

|                                  |                      |                             |            |                    |            |
|----------------------------------|----------------------|-----------------------------|------------|--------------------|------------|
| G. O. NO.                        | G. O. ITEM           | S. O. NO.                   | ASSG. ITEM | GOV'T CONTRACT NO. | DELIVER TO |
| WRITTEN BY & DATE<br>JDT 3/29/74 | DEPT.<br>Engineering | CHARGE ACCOUNT<br>E46-3289A | TOOL NO.   | COMM. CODE         |            |

ISSUING DEPT. FILE

Westinghouse Broadcasting Company, Inc.  
625 North Michigan Avenue  
Chicago, Illinois 60611

REFER TO ORDER NO. BELOW

DATE  
3/29/74

ORDER NO.  
18-5538

ORDER  
PLACED  
WITH

Phelps Dodge Copper Products Co.  
300 Park Avenue  
New York, New York 10022

SPECIAL INSTRUCTIONS  
Ship to: WIND Transmitter  
4801 West 29th Avenue  
Gary, Indiana 46406

Att: Mr. Peter J. Boyle

PLEASE SUPPLY THE FOLLOWING:

| QUANTITY     | DESCRIPTION (NAME OF PART, STYLE NO., DWG. & ITEM, P. D. SPEC., ETC.)  | UNIT PRICE | TOTAL PRICE        |
|--------------|--|------------|--------------------|
| 10,000 lbs   | Cooper to be purchased for WBC by Phelps Dodge for delivery in June 1974. Price noted is estimate. Supply actual price of copper as soon as possible.<br>Less rebate for buy back of excess copper (approx 900 lbs) at rate of \$.6815/lb. | \$1.30     | \$13,000.00        |
|              | Manufacture 6,000 pounds of #10 soft drawn copper wire   | .2828      | 1,696.80           |
|              | Manufacture 1,000 pounds .032 x 2 inch copper strap  | .479       | 479.00             |
|              | Manufacture 2,000 pounds .032 x 4 inch copper strap  | .479       | 958.00             |
| <b>Total</b> |  |            | <b>\$15,520.45</b> |

Notify John D. Tollefson at 312-527-2170 when ready to ship.

|               |                 |            |  |
|---------------|-----------------|------------|--|
| F. O. NO.     | TRANSP. CHARGES | CASH TERMS | ADDRESS CORRESPONDENCE TO<br>John D. Tollefson |
| SHIPPING DATE |                 | SHIP VIA   | AUTHORIZED BY<br><i>[Signature]</i>            |

*201-351-3314*  
*Carman Squaglia*

|                                  |            |                      |                             |                    |            |
|----------------------------------|------------|----------------------|-----------------------------|--------------------|------------|
| G. O. NO.                        | G. O. ITEM | S. O. NO.            | ASSG. ITEM                  | GOV'T CONTRACT NO. | DELIVER TO |
| WRITTEN BY & DATE<br>JDT 3/29/74 |            | DEPT.<br>Engineering | CHARGE ACCOUNT<br>E46-3289A | TOOL NO.           | COMM. CODE |

ISSUING DEPT. FILE

*Temple*  
*edge*  
*put-up*  
*(Soft-Hard)*  
*(rel or sy.)*  
*(package)*



Westinghouse Broadcasting Company, Inc.  
625 North Michigan Avenue

REFER TO ORDER NO. BELOW

|                 |                      |
|-----------------|----------------------|
| DATE<br>5/21/75 | ORDER NO.<br>18-5607 |
|-----------------|----------------------|

ORDER  
PLACED  
WITH

Delta Electronics  
5534 Port Royal Road  
Springfield, Virginia 22151

SPECIAL INSTRUCTIONS

PLEASE SUPPLY THE FOLLOWING:

| QUANTITY     | DESCRIPTION (NAME OF PART, STYLE NO., DWG. & ITEM, P. D. SPEC., ETC.) | UNIT PRICE | TOTAL PRICE     |
|--------------|---|------------|-----------------|
| 1            | Delta TCT-3 current transformer                                       | \$195.00   | \$195.00        |
| 1            | Delta TCTR-1 rectifier circuit  | 125.00     | 125.00          |
| <b>Total</b> |   |            | <b>\$320.00</b> |

|               |                 |                                     |   |
|---------------|-----------------|-------------------------------------|---|
| F. O. B.      | TRANSP. CHARGES | CASH TERMS                          | ADDRESS, CORRESPONDENCE TO<br><i>John d. Tollefson</i><br>John d. Tollefson |
| SHIPPING DATE | SHIP VIA.       | AUTHORIZED BY<br><i>[Signature]</i> |   |

*Expense not E. O. B.*

|                                  |                      |                           |            |                    |            |
|----------------------------------|----------------------|---------------------------|------------|--------------------|------------|
| G. O. NO.                        | G. O. ITEM           | S. O. NO.                 | ASSG. ITEM | GOV'T CONTRACT NO. | DELIVER TO |
| WRITTEN BY & DATE<br>JDT 5/21/75 | DEPT.<br>Engineering | CHARGE ACCOUNT<br>601-120 | TOOL NO.   | COMM. CODE         |            |

ISSUING DEPT. FILE

Westinghouse Broadcasting Company, Inc.

REFER TO ORDER NO. BELOW

|                        |                             |
|------------------------|-----------------------------|
| DATE<br><b>9/26/75</b> | ORDER NO.<br><b>18-5620</b> |
| SPECIAL INSTRUCTIONS   |                             |

ORDER PLACED WITH  
**R. L. Hammel**  
**Mail Stop 975**  
**ESSD**  
**Westinghouse D & ESC**  
**Baltimore, Maryland**

PLEASE SUPPLY THE FOLLOWING:

| QUANTITY | DESCRIPTION (NAME OF PART, STYLE NO., DWG. & ITEM, P. D. SPEC., ETC.)  | UNIT PRICE | TOTAL PRICE |
|----------|--|------------|-------------|
| 1        | Rebuilt Westinghouse FQM-5 Transmitter to substitute for present leased prototype unit, with low level "board" assemblies of printed circuit design.<br>The following spare parts are part of this order, based on your assurances that all items not listed on your 9/19/75 TWX (excepting RF output, combining and filter coils) of an electronic/electrical nature are off-the-shelf items: |            | \$27,260    |
| 1        | Modulation Tray  | \$1,373    | 1,373       |
| 1        | RF Amplifier Tray  | 1,376      | 1,376       |
| 1        | Hi-Voltage Rectifier Stack   | 144        | 144         |
| 16       | SVT-350 Transistors  | 11.5625    | 185         |

The attached letter dated 9/26/75 and conditions contained therein are part of this purchase order. \$30,338

|               |                 |                                     |   |
|---------------|-----------------|-------------------------------------|---|
| F. O. B.      | TRANSP. CHARGES | CASH TERMS                          | ADDRESS CORRESPONDENCE TO<br><i>John D. Tollefson</i> |
| SHIPPING DATE | SHIP VIA        | AUTHORIZED BY<br><i>[Signature]</i> |   |

*1975 Annual*

|   |                             |                                    |            |                    |            |
|---|-----------------------------|------------------------------------|------------|--------------------|------------|
| G. O. NO.                               | G. O. ITEM                  | S. O. NO.                          | ASSG. ITEM | GOV'T CONTRACT NO. | DELIVER TO |
| WRITTEN BY & DATE<br><b>JDT 9/26/75</b> | DEPT.<br><b>Engineering</b> | CHARGE ACCOUNT<br><b>E46-52175</b> | TOOL NO.   | COMM. CODE         |            |

ISSUING DEPT. FILE

Tess - Fickie 2/20/76



*RWB*  
12/17/75  
*RWB*  
1-9-76

From : (W) BLDG. - ROOM 2085  
WIN 235-3220  
Date DECEMBER 16, 1975  
Subject: STATION WIND TRANSMITTER

WESTINGHOUSE BROADCASTING COMPANY  
NEW YORK, NEW YORK  
MR. R. W. BAKER

CC: Mr. J. A. Sibenac  
(W) Bldg. - Room 2094

The expenditure of \$30,338 to upgrade the transmitter being leased from Electronic Systems Support Division of WELCO should be expensed as additional development cost.

Even though you have defined the transmitter as the "first production unit", the expenditure to upgrade its capability represents an extension of development which would normally be associated with the prototype unit. The fact that WBC has accepted responsibility to fund the expenditure is of no consequence to the accounting treatment.

*R. R. Cranmer*

R. R. Cranmer  
Financial Policies & Procedures

*CC Joe C. Smoke*

*Let me know when Xmas is delivered.*

RECEIVED  
DEC 17 1975

R. W. BAKER

*~~Start~~ write off  
expense over last 10  
months of '76. I am  
still going to try & get*

*This ready.  
RWB  
2/20/76*

Westinghouse Broadcasting Company, Inc.  
625 North Michigan Avenue

REFER TO ORDER NO. BELOW

|                 |                      |
|-----------------|----------------------|
| DATE<br>9/29/75 | ORDER NO.<br>18-5622 |
|-----------------|----------------------|

ORDER PLACED WITH  
**Stainless, Inc.**  
North Wales, Pennsylvania 19454  
**Att: Mr. Owen F. Ulmer**

SPECIAL INSTRUCTIONS

PLEASE SUPPLY THE FOLLOWING:

| QUANTITY | DESCRIPTION (NAME OF PART, STYLE NO., DWG. & ITEM, P. D. SPEC., ETC.)   | UNIT PRICE | TOTAL PRICE       |
|----------|---|------------|-------------------|
| 4        | Stainless, Inc. guyed galvanized tower, 500 feet overall height, 492 feet of steel.   |            |                   |
| 4        | FAA "A-4" Lighting Kits, including conduit, boxes, wiring and a junction box 3 foot from base will be supplied for beacon and obstruction lights. |            | \$107,320-        |
|          | Erection of four towers in Griffith, Indiana.<br>Erection contractor assumes all bad weather liabilities.   |            | 62,125-           |
|          | <b>TOTAL:</b>   |            | <b>\$169,445.</b> |

TERMS: \$53,030.00 down-payment with order; \$53,030.00 upon delivery of material; \$57,046.00 upon completion of erection, and \$6,339.00 within 30 days of tower acceptance. Stainless proposal A-2976, Rev. D, dated August 22, 1975, and Westinghouse letter dated September 17, 1975, are conditions of this order.

|               |                 |            |  |
|---------------|-----------------|------------|--|
| F. O. B.      | TRANSP. CHARGES | CASH TERMS | ADDRESS CORRESPONDENCE TO<br><i>John D. Tollefson</i><br>JOHN D. TOLLEFSON |
| SHIPPING DATE | SHIP VIA        |            | AUTHORIZED BY<br><i>[Signature]</i>  |

|                   |                      |                              |            |                    |            |
|-------------------|----------------------|------------------------------|------------|--------------------|------------|
| G. O. NO.         | G. O. ITEM           | S. O. NO.                    | ASSG. ITEM | GOV'T CONTRACT NO. | DELIVER TO |
| WRITTEN BY & DATE | DEPT.<br>Engineering | CHARGE ACCOUNT<br>E46-3289 M | TOOL NO.   | COMM. CODE         |            |

57,046  
6,339  
63,385

169,445  
106,060  
63,385

ISSUING DEPT. FILE

**STAINLESS • INC.**  
NORTH WALES, PA. 19454  
AREA CODE 215 - 699-4871

INVOICE No. 2506

Date February 23, 1976

Our Job No. 2538-1 + -2

Cust. Order No. 18-5622

Terms Net Cash

Shipped

Sold To: Westinghouse Broadcasting Co., Inc.  
625 North Michigan Avenue  
Chicago, Illinois, 60611

Attn: Mr. John D. Tollefson

Shipped To:

To invoice for four (4) 492 foot  
AM towers for WIND, Gary, Indiana,

Upon Delivery of Material-----\$53,030.00

TOTAL AMOUNT DUE \$53,030.00

*Towers delivered to site*

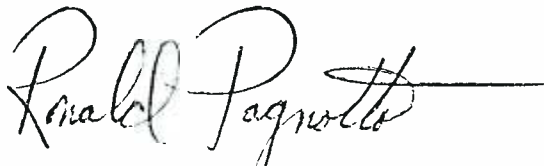
*OK Bonnie H. Ratts  
2/25/76*

*Charge 14900*

Should you have any questions, kindly contact us immediately.

Sincerely yours,

STAINLESS, INC.



Ronald E. Pagnotto

REP/sm



**STAINLESS • INC.**  
NORTH WALES, PA. 19454  
AREA CODE 215 - 699-4871

INVOICE No. 2505

Date February 23, 1976

Our Job No. 2538-1 + -2

Sold To: Westinghouse Broadcasting Co., Inc.  
625 North Michigan Avenue  
Chicago, Illinois, 60611

Cust. Order No. 18-5622

Attn: Mr. John D. Tollefson

Terms Net Cash

Shipped

Shipped To:

To invoice for the downpayment for  
four (4) 492 foot AM towers for WIND,  
Gary, Indiana-----\$53,030.00

TOTAL AMOUNT DUE      \$53,030.00

RECEIVED PAYMENT

FEB 23

STAINLESS, INC.

Per R.E. Pagnotto

Should you have any questions, kindly contact us immediately.

Sincerely yours,

STAINLESS, INC.

*Ronald E. Pagnotto*

Ronald E. Pagnotto

REP/sm

Westinghouse Broadcasting Company, Inc.  
625 North Michigan Avenue

REFER TO ORDER NO. BELOW

|                 |                      |
|-----------------|----------------------|
| DATE<br>9/23/75 | ORDER NO.<br>18-5623 |
|-----------------|----------------------|

ORDER PLACED WITH  
ITT Jennings  
970 McLaughlin Avenue  
San Jose, California 95116  
Att: Dwane Gisi, Reg. Sales Man.

SHIP TO INSTRUCTIONS  
C. S. P., Inc. ~~Rt. D. Box 532~~ #  
Doylestown, Pa. 18901  
Att: David C. Gorman

PLEASE SUPPLY THE FOLLOWING:

| QUANTITY  | DESCRIPTION (NAME OF PART, STYLE NO., DWG. & ITEM, P. D. SPEC., ETC.) | UNIT PRICE | TOTAL PRICE |
|-----------|---|------------|-------------|
| 117 (11)  | MC-1-1000-12S Capacitor (changed 10/17/75)                            | \$164.88   | \$19,290.96 |
| 11        | MC-1-500-12S Capacitor telephone with Ellen                           | 167.45     | 1,841.95    |
| 256 (246) | FM2B Flange   | 10.00      | 2,560.00    |
| Total     |   |            | \$23,692.91 |

Ellen 2460.00  
2259363

|               |                 |            |  |
|---------------|-----------------|------------|--|
| F. O. B.      | TRANSP. CHARGES | CASH TERMS | ADDRESS CORRESPONDENCE TO<br>John D. Tolleison |
| SHIPPING DATE | SHIP VIA        |            | AUTHORIZED BY                                  |

2/25/76 Billed To 2/25/76 21,580.43  
 blue 2 MC1-1000-12S 329.76  
 5 MC 500 12S 837.25  
 Total billed 22,747.44  
 + freight

\* 85 East Bristol Road  
Chalfont Pennsylvania  
18914

|                                  |                      |           |                              |                    |            |
|----------------------------------|----------------------|-----------|------------------------------|--------------------|------------|
| G. O. NO.                        | G. O. ITEM           | S. O. NO. | ASSG. ITEM                   | GOV'T CONTRACT NO. | DELIVER TO |
| WRITTEN BY & DATE<br>JDT 9/29/75 | DEPT.<br>Engineering |           | CHARGE ACCOUNT<br>E46-3289 J | TOOL NO.           | COMM. CODE |

# No shipping address -  
call Tolleison

ISSUING DEPT. FILE

# CUSTOMER ACKNOWLEDGEMENT

|                 |               |           |       |            |             |
|-----------------|---------------|-----------|-------|------------|-------------|
| 69167 04        | 10/21/75      | 41        | 1     | 26         | 80808.0     |
| SALES ORDER NO. | ACTIVITY DATE | REP. CODE | TERM. | SALES CODE | ACCPYMT NO. |

**W I N D**  
 625 NORTH MICHIGAN  
 CHICAGO, IL 60611

I N V O I C E T O



970 McLaughlin Ave. San Jose, California 95116  
 Phone: (408) 292-4025  
 CABLE: JENVAC • TWX: 910-338-0159

DIVISION OF INTERNATIONAL TELEPHONE AND TELEGRAPH CORPORATION

PLEASE CONTACT JOHN TOLLEFSON  
 FOR SHIPPING INSTR.  
 312-527-2170  
 ONE WEEK PRIOR TO SHIPMENT  
 ATTN D. GURMAN

S H I P T O

|                       |  |      |     |                    |      |      |            |
|-----------------------|--|------|-----|--------------------|------|------|------------|
| SHIP VIA              |  | PPD. | PPA | COIL               | FACT | DEST | PACKAGING  |
| 8/W                   |  |      | X   |                    | X    |      | COMMERCIAL |
| SHIPMENT CONTRACT NO. |  |      |     | BUYER              |      |      |            |
|                       |  |      |     | TOLLEFSON          |      |      |            |
| SPECIAL INSTRUCTIONS  |  |      |     | CUSTOMER ORDER NO. |      |      |            |
|                       |  |      |     | 185623             |      |      |            |
|                       |  |      |     | DATE BOOKED        |      |      |            |
|                       |  |      |     | 09/29/75           |      |      |            |

SHIP ENTIRE ORDER IN ONE LOT.

| ITEM NO.      | CATALOG NO. | PRODUCT DESCRIPTION AND/OR SPECIAL REMARKS | MANUFACTURING NO. | SCHED. SHIP DATE      | TRAN. CODE | QUANTITY ORDERED | UNIT PRICE | SALES AMOUNT |
|---------------|-------------|--|-------------------|-----------------------|------------|------------------|------------|--------------|
| 01            | 10          | MC1-1000-12S CAPACITOR                     | 100793            | 01/13/76              | 11         | 111              | 164.88     | 18,301.68    |
| 02            | A           | MC1-500-12S CAPACITOR                      | 100776            | OR SOONER<br>01/13/76 | 11         | 11               | 167.45     | 1,841.95     |
| 03            | A           | FM2B FLANGE                                | 100772            | OR SOONER<br>01/13/76 | 11         | 246              | 10.00      | 2,460.00     |
| ADD OR SOONER |             |  |                   |                       |            |                  | TOTAL      | \$22,603.63* |

WE ACKNOWLEDGE RECEIPT OF YOUR ORDER IDENTIFIED HEREON. THE ACCEPTANCE OF YOUR ORDER IS EXPLICITLY MADE CONDITIONAL ON YOUR ASSENT TO THE TERMS AND CONDITIONS CONTAINED IN THIS SALES ORDER. YOUR ASSENT BY EXECUTING THIS ACKNOWLEDGMENT.



Westinghouse Broadcasting Company, Inc.  
625 North Michigan Avenue

REFER TO ORDER NO. BELOW

|                 |                      |
|-----------------|----------------------|
| DATE<br>9/29/75 | ORDER NO.<br>18-5624 |
|-----------------|----------------------|

ORDER  
PLACED  
WITH

Lightning Elimination Associates  
9102 Firestone Boulevard  
Downey, California 90241  
Att: Roy B. Carpenter, Jr.

SPECIAL INSTRUCTIONS

Ship to:  
WIND Transmitter  
Griffith, Indiana  
(further detail at time of shipping.)

PLEASE SUPPLY THE FOLLOWING:

| QUANTITY                           | DESCRIPTION (NAME OF PART, STYLE NO., DWG. & ITEM, P. D. SPEC., ETC.)   | UNIT PRICE | TOTAL PRICE |
|------------------------------------|---|------------|-------------|
| 4                                  | LEA Dissipation Array 154 1/2 inches in diameter, 12 inches in height, with necessary welded or bolted adapter for bolting on top flange of Stainless tower. LEA will supply and install dissipation array. |            |             |
| 4                                  | Adaptor for side-mounting top beacon to be attached to two legs of tower as high as possible allowing access to top of beacon. Beacons shall be located on outside of four tower array.                     |            |             |
| LEA shall install the above items. |   |            | \$7,880.00  |

|               |                 |               |  |
|---------------|-----------------|---------------|--|
| F. O. B.      | TRANSP. CHARGES | CASH TERMS    | ADDRESS CORRESPONDENCE TO<br>John D. Tollefson |
| SHIPPING DATE | SHIP VIA        | AUTHORIZED BY |  |

To Come  
Delivered

{ BILLED INV 1140  
3/12/76  
BALANCE

5440.00  
2440.00

|                                  |                      |                              |            |                    |            |
|----------------------------------|----------------------|------------------------------|------------|--------------------|------------|
| G. O. NO.                        | G. O. ITEM           | S. O. NO.                    | ASSG. ITEM | GOV'T CONTRACT NO. | DELIVER TO |
| WRITTEN BY & DATE<br>JDT 9/29/75 | DEPT.<br>Engineering | CHARGE ACCOUNT<br>E46-3289 M | TOOL NO.   | COMM. CODE         |            |

ISSUING DEPT. FILE



UNITED STATES DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D. C. 20535

MEMORANDUM FOR THE DIRECTOR  
FROM: SAC, [illegible]  
SUBJECT: [illegible]

[illegible text]

[illegible text]

[illegible text]



## PURCHASE ORDER

FORM 17003P

Westinghouse Broadcasting Company, Inc.  
625 North Michigan Avenue  
\*\*\*\*\*

REFER TO ORDER NO. BELOW

|                  |                      |
|------------------|----------------------|
| DATE<br>10/24/75 | ORDER NO.<br>18-5625 |
|------------------|----------------------|

ORDER  
PLACED  
WITH

Advance Industries, Inc.  
2301 Bridgeport Drive  
Sioux City, Iowa 51102

## SPECIAL INSTRUCTIONS

When units are ready for shipment,  
notify John D. Tollefson at WIND for  
shipment instructions.

## PLEASE SUPPLY THE FOLLOWING:

| QUANTITY | DESCRIPTION (NAME OF PART, STYLE NO., DWG. & ITEM, P. D. SPEC., ETC.)   | UNIT PRICE | TOTAL PRICE |
|----------|---|------------|-------------|
| 3        | 8X10X8 aluminum buildings, designated #1, #2, #4 as described in Advance Proposal number 51674 dated October 2, 1975 and Advance proposal number 51674-B dated October 3, 1975 including ice shields and specially designed stairs.   | \$6,463-   | \$19,389-   |
| 1        | 8X12X8 aluminum buildings, designated # 3 as described in Advance Proposal number 51674 dated October 2, 1975 and Advance Proposal number 51674-B dated October 3, 1975 including ice shields and specially designed stairs.<br>This order subject to acceptance of and minor modifications to drawings supplied by Advanced by Westinghouse. | \$6739-    | \$ 6,739-   |

\$26,128

|               |                 |               |  |
|---------------|-----------------|---------------|--|
| F. O. B.      | TRANSP. CHARGES | CASH TERMS    | ADDRESS CORRESPONDENCE TO<br>John d. Tollefson |
| SHIPPING DATE | SHIP VIA        | AUTHORIZED BY |  |

*Actual Billing*

26,128

|                                   |                      |                              |            |                    |            |
|-----------------------------------|----------------------|------------------------------|------------|--------------------|------------|
| G. O. NO.                         | G. O. ITEM           | S. O. NO.                    | ASSG. ITEM | GOV'T CONTRACT NO. | DELIVER TO |
| WRITTEN BY & DATE<br>JDT 10/24/75 | DEPT.<br>Engineering | CHARGE ACCOUNT<br>E46-3289 K | TOOL NO.   | COMM. CODE         |            |

ISSUING DEPT. FILE

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Westinghouse Broadcasting Company, Inc.  
625 North Michigan Avenue

REFER TO ORDER NO. BELOW

|                  |                      |
|------------------|----------------------|
| DATE<br>12/15/75 | ORDER NO.<br>18-5632 |
|------------------|----------------------|

ORDER PLACED WITH  
**Cablewave Systems, Inc.**  
60 Dodge Avenue  
North Haven, Conn. 06473  
Att: Mr. William Meola

SPECIAL INSTRUCTIONS  
This purchase order replaces our order number 18-5536.  
Shipping instructions to follow.

PLEASE SUPPLY THE FOLLOWING:

| QUANTITY | DESCRIPTION (NAME OF PART, STYLE NO., DWG. & ITEM, P. D. SPEC., ETC.)                                    | UNIT PRICE | TOTAL PRICE  |
|----------|--|------------|--------------|
|          | This order covers all items included in Cablewaves System, Inc. Sales Order number 14027 dated 11/18/75. |            | \$ 37,584.69 |
| 4        | Additional Items:<br>910311 Hoisting Grips (not installed)   |            | 82.48        |
|          | Total <i>FOG NORTH HAVEN</i>   |            | \$ 37,667.17 |

Freight charges to be additional.

*Actual Bill includes freight*

*38217.34*

|               |                 |                                     |   |
|---------------|-----------------|-------------------------------------|---|
| F. O. B.      | TRANSP. CHARGES | CASH TERMS                          | ADDRESS/CORRESPONDENCE TO<br><i>John D. Tollefson</i> |
| SHIPPING DATE | SHIP VIA        | AUTHORIZED BY<br><i>[Signature]</i> |   |

|                                   |                      |                              |            |                    |            |
|-----------------------------------|----------------------|------------------------------|------------|--------------------|------------|
| G. O. NO.                         | G. O. ITEM           | S. O. NO.                    | ASSG. ITEM | GOV'T CONTRACT NO. | DELIVER TO |
| WRITTEN BY & DATE<br>JDT 12/15/75 | DEPT.<br>Engineering | CHARGE ACCOUNT<br>E46-3289 G | TOOL NO.   | COMM. CODE         |            |

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Westinghouse Broadcasting Company, Inc.  
625 North Michigan Avenue

REFER TO ORDER NO. BELOW

|                      |                      |
|----------------------|----------------------|
| DATE<br>12/19/75     | ORDER NO.<br>18-5634 |
| SPECIAL INSTRUCTIONS |                      |

ORDER  
PLACED  
WITH

Decca-Austin Insulators  
71 Selby Road  
Brampton, Ontario  
L6W1K5

PLEASE SUPPLY THE FOLLOWING:

| QUANTITY | DESCRIPTION (NAME OF PART, STYLE NO., DWG. & ITEM, P. D. SPEC., ETC.) | UNIT PRICE | TOTAL PRICE |
|----------|---|------------|-------------|
| 4        | 1750 Watt A-17D1 Ring Transformers                                    | \$565      | \$2260      |
| 4        | 3500 Watt A-35D1 Ring Transformers                                    | 670        | 2680        |
| Total    |   |            | \$4940      |

Less Applicable Westinghouse discount

15% -

741

4199

Ship to: C. S. P. Inc.  
203 Airport Road  
Doylestown, Pa. 18901  
Att: David Gorman

|               |                 |                                     |   |
|---------------|-----------------|-------------------------------------|---|
| F. O. B.      | TRANSP. CHARGES | CASH TERMS                          | ADDRESS CORRESPONDENCE TO<br><i>John D. Tollefson</i> |
| SHIPPING DATE | SHIP VIA        | AUTHORIZED BY<br><i>[Signature]</i> |   |

*actual billing*

4199 -

|                                   |                      |                              |            |                    |            |
|-----------------------------------|----------------------|------------------------------|------------|--------------------|------------|
| G. O. NO.                         | G. O. ITEM           | S. O. NO.                    | ASSG. ITEM | GOV'T CONTRACT NO. | DELIVER TO |
| WRITTEN BY & DATE<br>JDT 12/19/85 | DEPT.<br>Engineering | CHARGE ACCOUNT<br>E46-3289 N | TOOL NO.   | COMM. CODE         |            |

ISSUING DEPT. FILE