RESOLUTION

concerning

INSTALLATION FOR A LIGHTING SYSTEM
FOR THE BASEBALL FIELD
at
EASTERN CONNECTICUT STATE COLLEGE

September 8, 1978

WHEREAS, Through the efforts of Mr. William P. Holowaty, Director of Athletics at Eastern Connecticut State College, gifts of money and services are being acquired from non-State sources to light the baseball field at Eastern Connecticut State College, and

WHEREAS, Such lighting will benefit students and will enable the College to provide better service for community groups, therefore, be it

RESOLVED, That the Executive Director and the College President are hereby authorized to take the necessary action to obtain the installation of a lighting system for the baseball field at Eastern Connecticut State College, provided the necessary approvals are secured from State agencies as required by law and State regulations, and provided such installation shall be at no expense to the State, and be it further

RESOLVED, That the Trustees express their gratitude to Mr. William P. Holowaty for his effort on behalf of the College and its students.

A Certified True Copy:

James A. Frost
Executive Director
**PROJECT COST:** $60,000.

**COST ANALYSIS OF MATERIAL:** (Some material and cost may change when final specs are drawn and approved.)

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 8 light poles (100 ft.) at $600. per pole</td>
<td>4,800.00</td>
</tr>
<tr>
<td>2. 60 - 1500 watt metal halide fixtures &amp; bulbs at $440 per light</td>
<td>26,400.00</td>
</tr>
<tr>
<td>3. 150 KVA. transformers 4.8 KV/480 bolts - 3 phase Δ</td>
<td>350.00</td>
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<tr>
<td>4. 100 ft. high voltage cable</td>
<td>200.00</td>
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<tr>
<td>5. Cross arms (22) (16) 6 ft. (6) 8 ft.</td>
<td>500.00</td>
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<tr>
<td>6. 44 braces</td>
<td>300.00</td>
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<tr>
<td>7. Wire:</td>
<td></td>
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<tr>
<td>Pole wire:</td>
<td></td>
</tr>
<tr>
<td>400 ft. #8-2 wire</td>
<td></td>
</tr>
<tr>
<td>200 ft. #6-3 wire</td>
<td></td>
</tr>
<tr>
<td>200 ft. #6-2 wire</td>
<td></td>
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<tr>
<td>Direct burial wire:</td>
<td></td>
</tr>
<tr>
<td>320 ft. #6-2 wire</td>
<td></td>
</tr>
<tr>
<td>500 ft. #2-3 wire</td>
<td></td>
</tr>
<tr>
<td>750 ft. #3-000-3 wire</td>
<td></td>
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<tr>
<td>8. Switches:</td>
<td></td>
</tr>
<tr>
<td>(2) 200 amp 3 pole 480 fusible switches, rain tight $384/ea</td>
<td>768.00</td>
</tr>
<tr>
<td>(2) 100 amp 3 phase 12 circuit-circuit breaker cabinets $40/ea</td>
<td>80.00</td>
</tr>
<tr>
<td>(2) 100 amp 3 phase 480 volt circuit breakers $281/ea</td>
<td>562.00</td>
</tr>
<tr>
<td>(2) 100 amp 1 phase 12 circuit-circuit breaker cabinet $40/ea</td>
<td>80.00</td>
</tr>
<tr>
<td>(6) 100 amp 1 phase 480 volt circuit breakers $190/ea</td>
<td>1,140.00</td>
</tr>
<tr>
<td>(4) 100 amp 1 phase 6 circuit-circuit breaker cabinets $40/ea</td>
<td>240.00</td>
</tr>
<tr>
<td>(30) 15 amp 2 pole 480 volt circuit breakers $40/ea</td>
<td>1,200.00</td>
</tr>
<tr>
<td>9. Installation of 100 feet of underground conduit (estimated)</td>
<td>800.00</td>
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<tr>
<td>10. Installation of underground cable to the 8 poles (estimated)</td>
<td>500.00</td>
</tr>
<tr>
<td>11. Installation of lights and erection of poles (estimated)</td>
<td>12,000.00</td>
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<tr>
<td>12. Transportation of poles</td>
<td>2,000.00</td>
</tr>
<tr>
<td>13. Plaques</td>
<td>1,000.00</td>
</tr>
<tr>
<td>14. Miscellaneous</td>
<td>2,000.00</td>
</tr>
</tbody>
</table>

**COST ANALYSIS FOR LIGHTS BEING USED (5 yrs.):**

1. Light use 99KWS at 3.5¢/KW = 3.47/hr for all poles
2. Average night usage at 4 hrs x $3.47 = $13.88/night
3. Average use per year 60 nights x 13.88 = $832.80/year
4. 5 yrs. x $832.80 = $4,164.00

**FACILITY COULD BE SELF SUPPORTING:**

1. Rental fee/night
   $30/night or 10% of intake (?)
2. Whenever this facility is used by college or outside groups, a fee will be charged for the lights. We hope to have one exhibition game every spring and the admission for the game will go to pay for the cost of lights for the year. These lights are extremely efficient and will offer many more hours of positive recreation for state youth and adults.

**RECEIVED**

AUG 4 1978

Office of the President
I hope the enclosed plan for lighting of the baseball field at Eastern Connecticut State College is sufficiently detailed to inform members of the Planning Committee of the general outline of the project.

Mr. Holowaty has already done considerable work on this matter and, as you know, I am anxious to make sure we touch all bases and get proper authorization where needed.

Anything you can do to get it on the agenda of the Planning Committee will be greatly appreciated.

CRW:arc

Enclosure
LIGHTS
Alumni Baseball Field
EASTERN CONNECTICUT STATE COLLEGE

PROJECT COST: $60,000.

COST ANALYSIS OF MATERIAL: (Some material and cost may change when final specs are drawn and approved.)

1. 8 light poles (100 ft.) at $600. per pole 4,800.00
2. 60 - 1500 watt metal halide fixtures & bulbs at $440 per light 26,400.00
3. 150 KVA transformers 4.8 KV/480 bolts - 3 phase Δ 350.00
4. 100 ft. high voltage cable 200.00
5. Cross arms (22) (16) 6 ft. (6) 8 ft. 500.00
6. 44 braces 300.00
7. Wire:
   Pole wire: 400 ft. #8-2 wire 1,000.00
   200 ft. #6-3 wire 500.00
   200 ft. #6-2 wire 200.00
   Direct burial wire: 320 ft. #6-2 wire 500.00
   500 ft. #2-3 wire 1,000.00
   750 ft. #3-000-3 wire 2,500.00
   Total: 3,500.00
8. Switches:
   (2) 200 amp 3 pole 480 fusible switches, rain tight $384/ea 768.00
   (2) 100 amp 3 phase 12 circuit-circuit breaker cabinets $40/ea 80.00
   (2) 100 amp 3 phase 480 volt circuit breakers $281/ea 562.00
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   (4) 100 amp 1 phase 6 circuit-circuit breaker cabinets $40/ea 240.00
   (30) 15 amp 2 pole 480 volt circuit breakers $40/ea 1,200.00
   Total: 3,750.00
9. Installation of 100 feet of underground conduit (estimated) 800.00
10. Installation of underground cable to the 8 poles (estimated) 500.00
11. Installation of lights and erection of poles (estimated) 12,000.00
12. Transportation of poles 2,000.00
13. Plaques 1,000.00
14. Miscellaneous 2,000.00
   Total: 58,420.00

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William P. Haydock