

Return completed form as needed to:
Office of Educational Facilities
 Florida Department of Education
 325 West Gaines Street, Room 1054
 Tallahassee, Florida 32399-0400
 (850) 245-0494
 Fax (850) 245-9236 or (850) 245-9304

FLORIDA DEPARTMENT OF EDUCATION
Office of Educational Facilities

OEF USE ONLY

LIFE CYCLE COST ANALYSIS

INSTRUCTIONS: Submit one copy of the completed form, **signed and sealed**, for each project with an air-conditioning load of 360,000 BTU per hour or greater. Reproduce this form in sufficient quantity for your use.

RE: _____

School District Florida College
 School Name Campus)

Description of Project

DATA SHEET 1

SYSTEM DESCRIPTION

| | |
|-----------------|--|
| SCHEME A | |
| SCHEME B | |
| SCHEME C | |
| SCHEME D | |

UNIT ENERGY COSTS

| FUEL TYPE | UNITS | BTU/UNIT | UNIT COST |
|-----------|-------|----------|-----------|
| ELECTRIC | KWHR | 3413 | |
| ELECTRIC | KW | DEMAND | |
| | | | |
| | | | |
| | | | |

ANNUAL COSTS

| SCHEME | MAINTENANCE SUPPLIES | MAINTENANCE LABOR | OPERATING LABOR | TOTAL ENERGY |
|--------|----------------------|-------------------|-----------------|--------------|
| A | | | | |
| B | | | | |
| C | | | | |
| D | | | | |

HVAC SYSTEM INSTALLED COSTS

| | |
|---------------------------|--|
| SCHEME A | |
| SCHEME B | |
| SCHEME C | |
| SCHEME D | |
| A/C System Tonnage | |

ENGINEER, Name

Firm Name _____
 Address _____
 City/State/Zip _____
 Phone _____
 E-Mail _____
 Signed/Dated _____
 (Sealed)

LIFE CYCLE COST ANALYSIS DATA SHEET 3

DISTRICT _____ SCHOOL _____

PROJECT _____

PRESENT WORTH IN TODAY'S DOLLARS

INITIAL COST = HVAC System Installed Cost
SUPPLIES = Annual Maintenance Supplies x 11.65
LABOR = Annual Total Labor x 11.65
MAJOR REPAIR = Total Major Repair Costs
ENERGY COST = Annual Energy Cost x 12.78

FINANCIAL SUMMARY (total cost over 25-year life of project)

| | SCHEME A | SCHEME B | SCHEME C | SCHEME D |
|----------------------|----------|----------|----------|----------|
| INITIAL COST | | | | |
| SUPPLIES | | | | |
| LABOR | | | | |
| MAJOR REPAIRS | | | | |
| ENERGY COST | | | | |
| TOTAL COST | | | | |

ENERGY SUMMARY (Annual energy use in MBTU per square foot per year)

| | SCHEME A | SCHEME B | SCHEME C | SCHEME D |
|------------------------|----------|----------|----------|----------|
| LIGHTS | | | | |
| PRIMARY HEATING | | | | |
| PRIMARY COOLING | | | | |
| TERMINAL SYSTEM | | | | |
| OTHER USES * | | | | |
| TOTAL | | | | |

*List other uses

ENGINEER

Signed & Sealed

Date
