INTERSTATE® BRICK
a division of PABCO® building products, LLC

LIFE CYCLE COST ANALYSIS of the BUILDING ENVELOPE

AIA Course number: ISB-060

Presenter: ***Michelle K. Perez, LEED, AP ID+C***
Northeast Territory Manager and Commercial Designer

TOPICS:

❖As the name implies, LCCA evaluates the life cycle cost of a typical wall section and the cost decreases as the life of the building and salvage value of the building increases. LCCA encourages both the designer and owner to design buildings with long life and reusability.

❖Life Cycle Cost Analysis evaluates the durability of the building components and construction and help in design of a sustainable building.

❖Life Cycle Cost Analysis evaluates the energy use of the building model and determines the influence of different climate regions in the country assisting the designer to make an educated choice of the envelope system.

Increase your arsenal of design tools.....
Make your firm more competitive and marketable.....
Enjoy lunch on us and See cool projects along the way.

LEARNING OBJECTIVES:

❖Introduce the concept of Life Cycle Cost Analysis (LCCA) & the role of LCCA in the design of building envelopes.
❖To learn about the different components used in LCCA including, but limited to initial cost, operating cost, salvage cost, etc. and calculate the present worth of different building envelope systems.
❖To learn about the importance of non-monetary criteria such as aesthetics, durability, sustainability etc. in determining the life cycle cost of buildings and a method to incorporate such criteria in LCCA.
❖To perform LCCA on different envelope systems and compare the results based on building location, owner preference, building life etc.

Who should attend?
Architects
Designers
Structural Engineers
Specification writers
LEED, AP's

?What is your time worth? 1 AIA CEU HSW & SD Credit

ATLAS BRICK™
Big Brick. Small Footprint.