

HOW TO MAKE YOUR PV PROJECTS MORE COMPETITIVE?

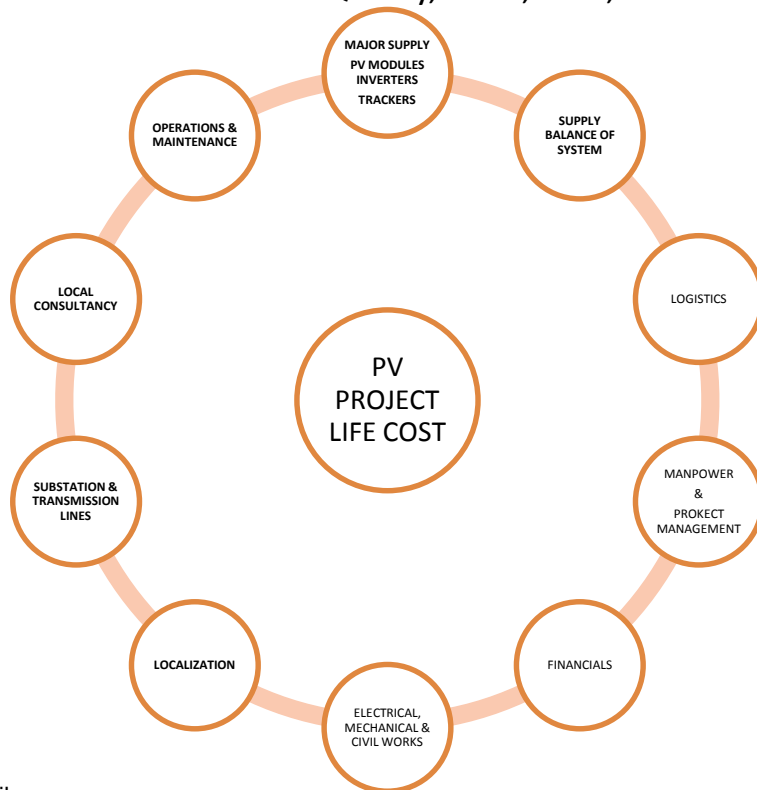
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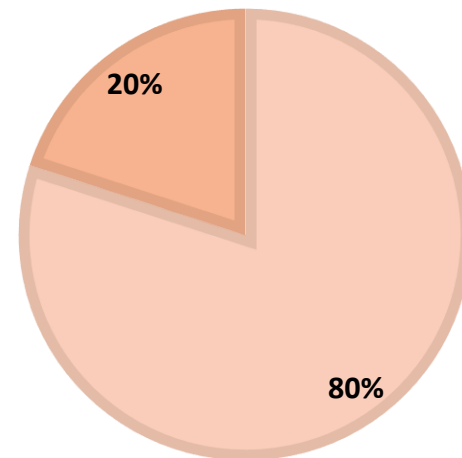
Drivers of EPC Cost

- Understanding between IPP and EPC to optimize Life Cycle Cost of PV Plant
- Factors to be looked into: Quality, Time, Cost, Reliability & Durability



PV PLANT COST

■ Supply ■ Services



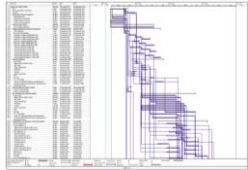
Avoidable Areas/Issues

Taxation



Less tax shocks later during construction phase & O&M phase

Planning



Timely delivery of Equipment & No additional cost of material waiting

No delay in Start of Construction

Insurance



To avoid project cost overruns & delay in construction

Quality Control



- Reliable & well-functioning PV plant
- Less maintenance cost, less downtime & more generation

Health, Safety & Environment



- No human loss resulting in delay in construction
- No cost overruns due to loss of working hours

Documentation



Less Port Charges & No delay in Construction

Spend Little More, Save Time

Suppliers



To minimize delivery time & meet local content criteria (if any),



To avoid any faulty equipment & saving the time & cost in replacing it in future



Logistics

To ensure timely delivery of equipment

- Quick decisions on corrective measures
- To minimize overall impact of additional time & cost



Subcontractors

- Little costlier but Better handling of local issues
- Timely completion of Project

Faster Implementation with desired quality for critical works, with minor cost adder.



Faster & quality implementation

Project Control

- Quick decisions on corrective measures
- To minimize overall impact of additional time & cost



[illegible]

A purple pencil is shown erasing the word "uncertainty" from a white surface. The word is written in a bold, black, sans-serif font. The pencil is positioned diagonally, with its eraser tip touching the word. The eraser is a light pink color, and the word is being removed from the surface, leaving a clean white area behind it.

Manpower Management

A close-up photograph of a wooden gavel with a brass band, resting on a white document. The document has the words 'TAX LAW' printed in a large, serif font, with a decorative flourish above the text. The gavel is positioned diagonally across the frame, with its head in the upper left and its handle extending towards the lower right. The background is a warm, wooden surface.

Optimized cost of constructing PV plant

Reduction in risks & risk mitigation cost

Winning Bids (2/3)

Inverter Sizing Vs Capacitor Bank



To meet grid reactive power compensation requirement, at lowest possible cost

Corrosion Test



Longer life of PV Plant

Double Glass Modules

Better Generation with little cost adder



East West configuration

Better Ground Coverage Ratio and less BOS



Module Wattage Vs BOS

Saving in Cost

Wind Speed

Better design of Module mounting structure



Operations & Maintenance



- Faster, cost efficient module cleaning
- Option of dry cleaning to save water in desert areas



Better Generation

Mobile PV Test Center

To ensure maximum power generation



Less Plant downtime & Low Cost of O&M

Standards & Codes



Minimum level of plant failure

THANK YOU

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