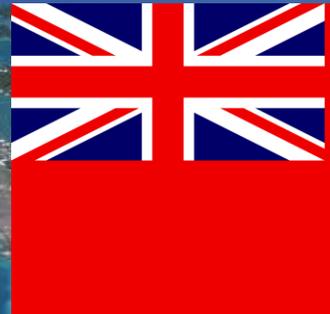




*RfP Development for Utility-Scale Solar PV on the Finger*  
*Bermuda Energy Summit, June 29 2016*



*Riddhima Gandhi*

# Why competitively procure solar on the Finger?



## Utility scale solar makes sense in Bermuda

- Bermuda's solar resource is higher than world average
- Consistent with electricity policy (2% solar by 2020)
- Solar is clean, and price can be locked in over long term (unlike fossil fuels)
- Quick to install, less complicated than other renewables



## Large enough to justify competitive procurement

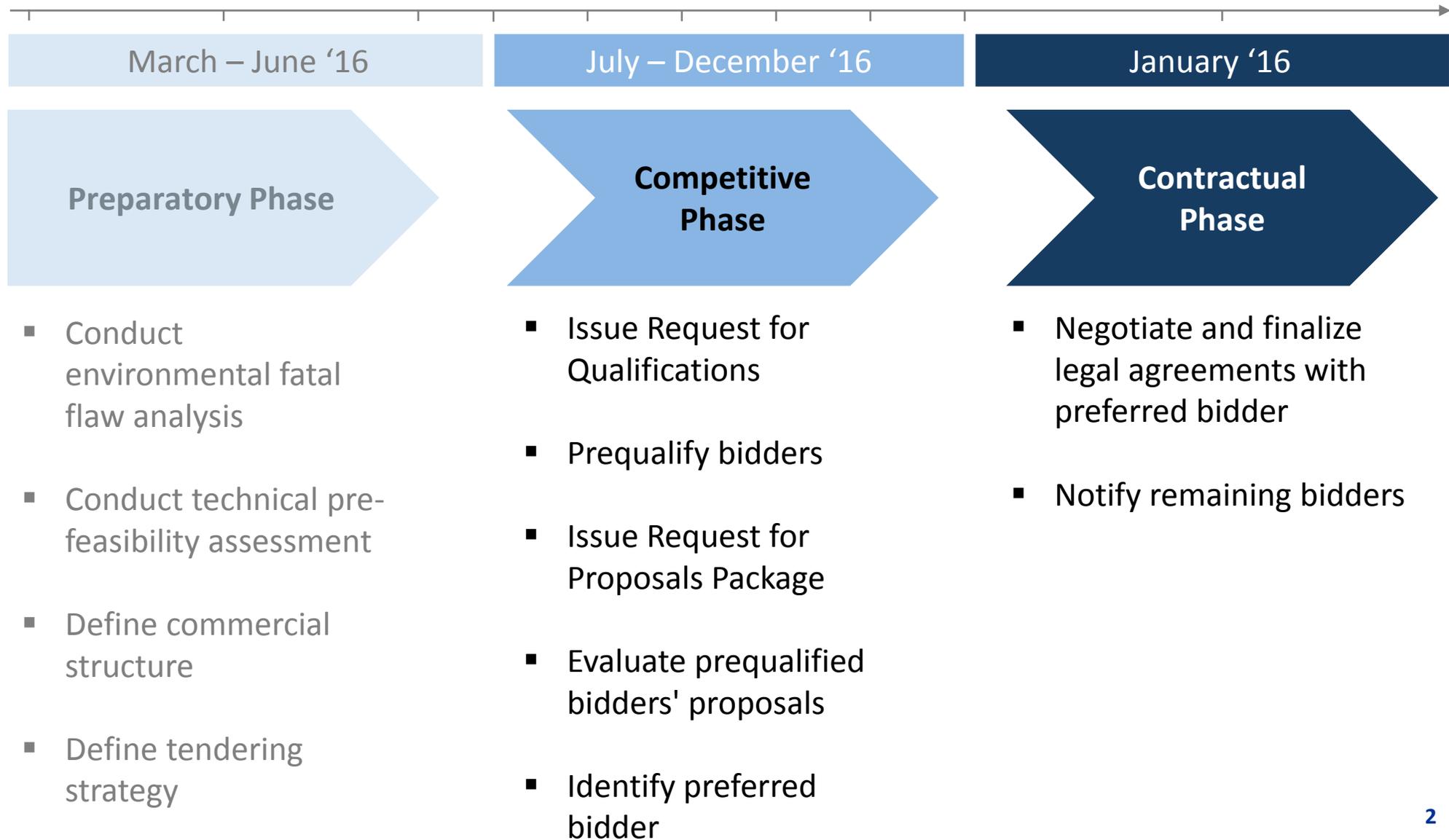
- Several entities have already indicated interest
- Best way to find lowest price and highest quality
- Fair and transparent process: adds credibility



## Finger well suited to host utility scale solar

- Bermuda is land constrained: limited locations for utility scale solar
- Finger is unsuited to other forms of commercial development: near active runway, and restricted access points
- Govt. owns land and wants to do solar: no complications for land acquisition

# Work plan



# *Environmental Fatal Flaw Analysis*



*To identify if there are any site specific, environmental, interconnection, or geotechnical challenges that would prevent the Project from being implemented in a commercially and economically viable way*

## **No environmental fatal flaws!**

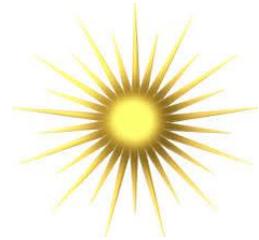
Based on:

- Visual site assessment of the Finger
- Existing studies
- Environmental and planning related laws and regulations

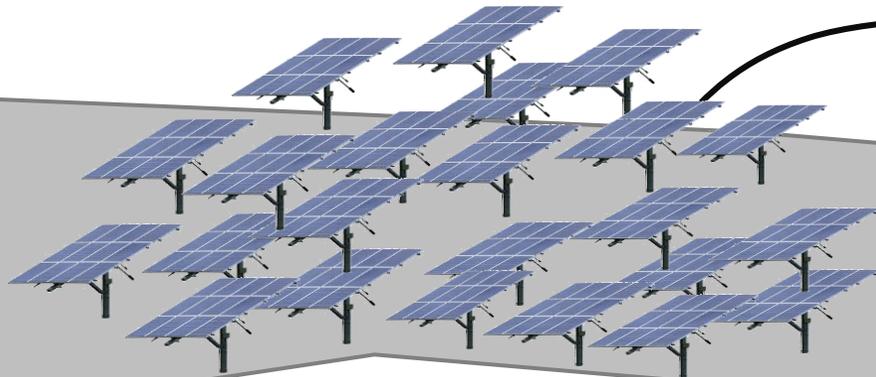
**Preferred bidder will still need to EIA/EIS, and obtain various permits**

# Technical Prefeasibility Analysis

To identify the Project's technical parameters



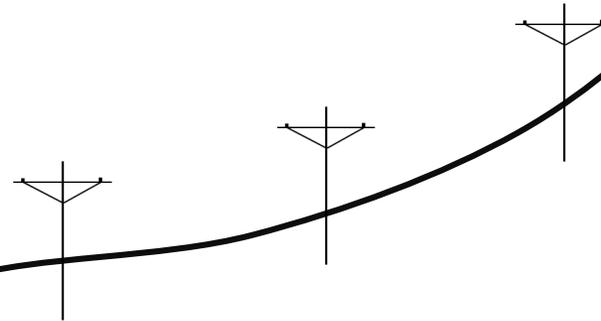
**Phase 1:**  
6MW<sub>ac</sub>



15 acres  
unobstructed land

*Separate from Airport  
Redevelopmt. Project*

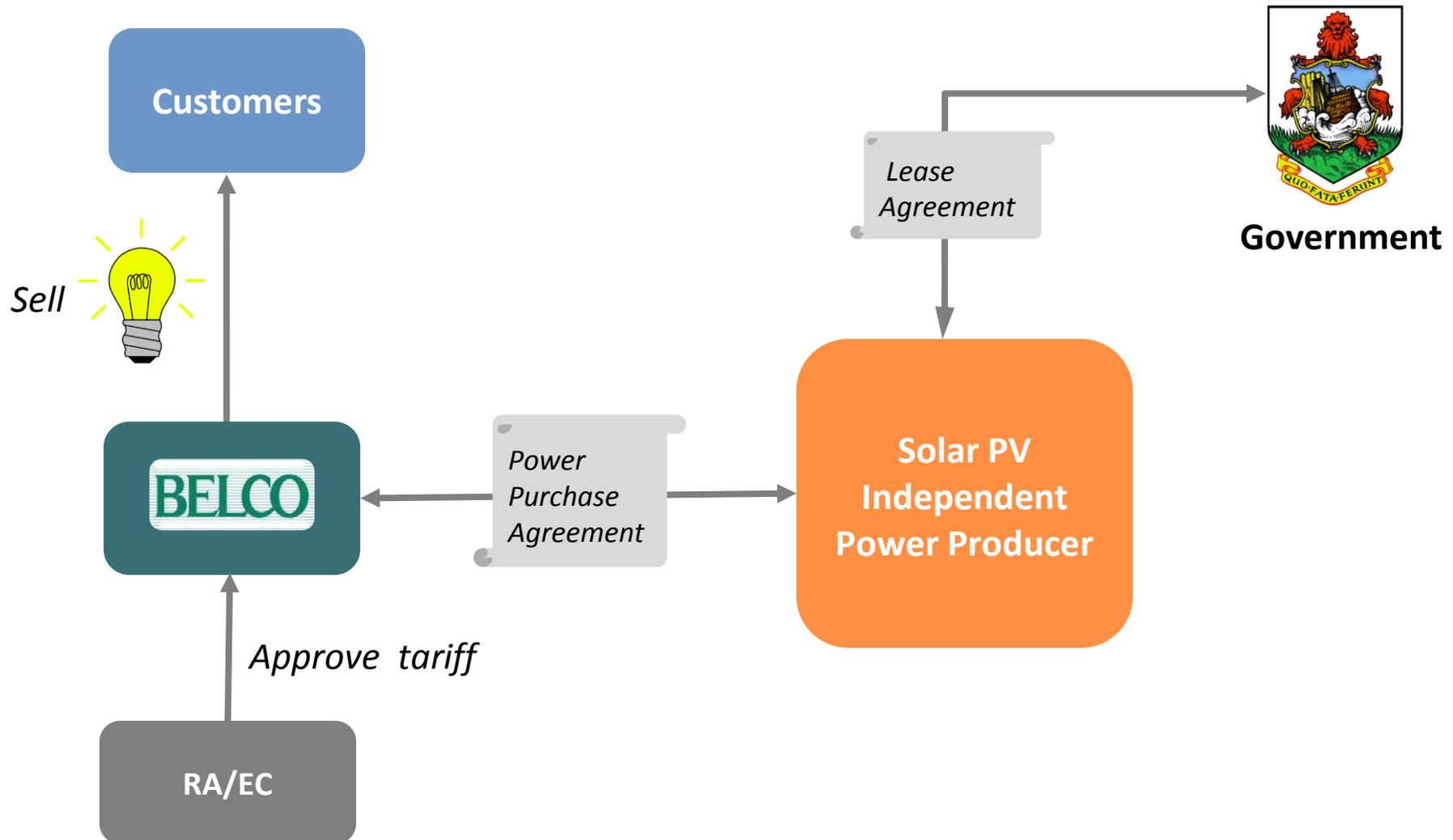
BELCO grid



**Phase 2:**  
≈10-12MW (?)

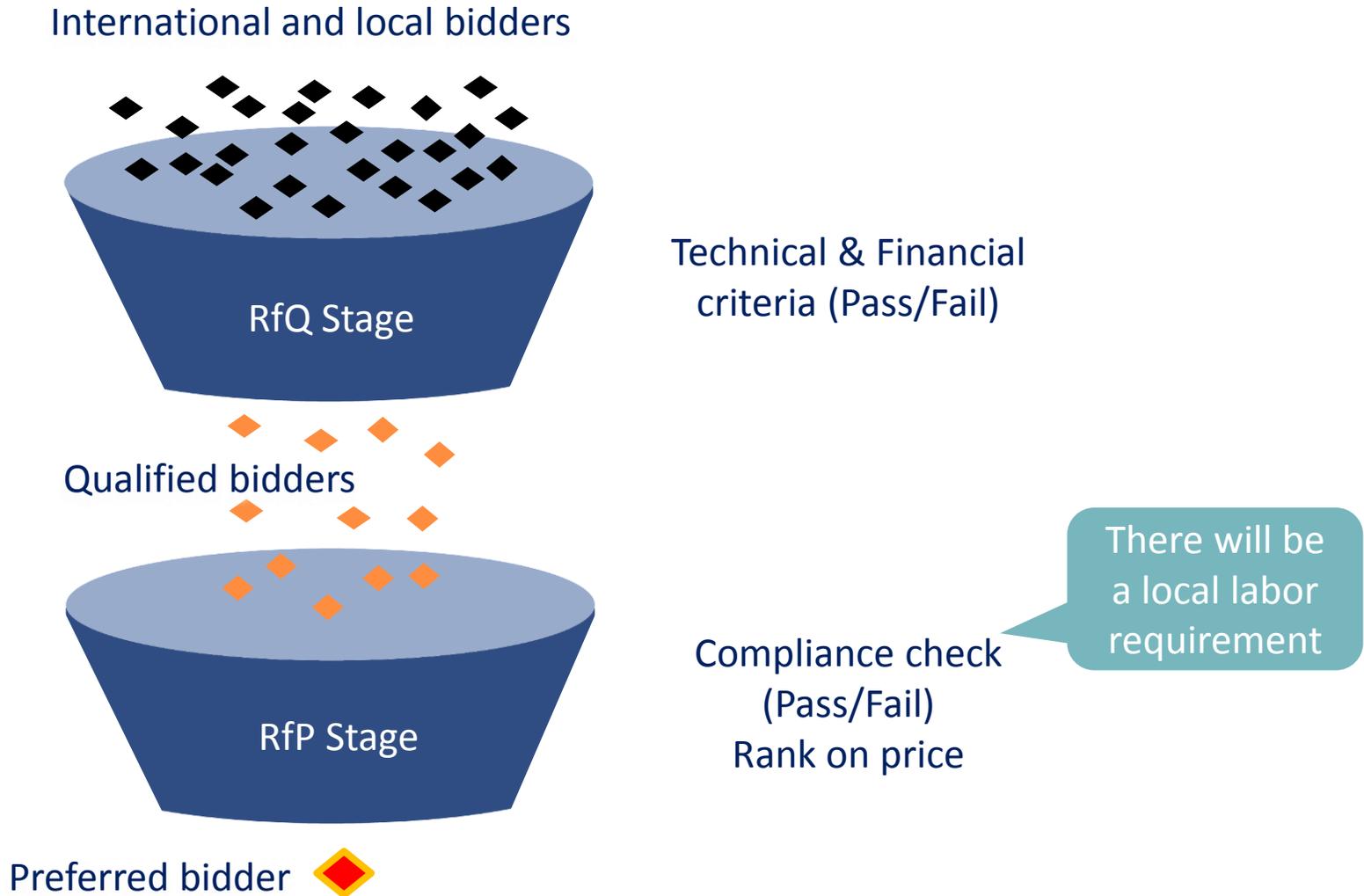
# Commercial structure

To identify how the Project will be organized and implemented



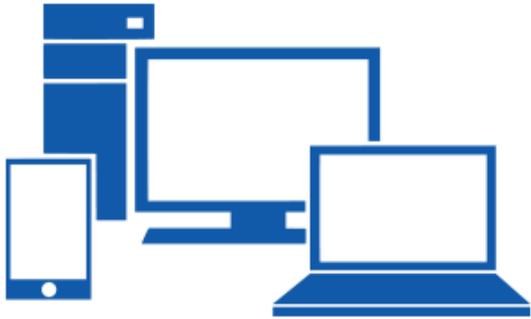
# Tender Strategy

To establish rules and processes for carrying out the competitive procurement, and selecting the winner



# Communications Protocol

*To keep the process fair and transparent*



- Established website: <https://www.gov.bm/procurement/development-utility-scale-solar-pv-bermuda#>
- Designated email: [airportsolarproject@gov.bm](mailto:airportsolarproject@gov.bm)
- Restricted data platform for qualified bidders only, containing RfP package and Q&A



- One-to-one or phone interaction between procuring agent, BELCO, and bidders is forbidden



- A public information event and Networking event were held in March and June 2016 respectively
- A bidders' conference will be organized for qualified bidders

***Thank you!***

Riddhima Gandhi

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