

Corrigendum to Tender notice: BAIF BR08/Jan 01/2024-25

Tender Date of issue: January 3, 2025

Corrigendum Date of issue: January 13, 2025

Tender for supply, installation and commissioning of Off grid and On grid Solar PV Power Systems for Agrivoltaics (Agri PV) applications at Uruli Kanchan village of Pune District, Maharashtra.

1. Technical Specifications:

C: Solar Module Mounting Structure - Page 19

The lowest end of the module should be at a minimum height of 1.5m from the ground level, except for the Single Axis Tracker Structure, where the minimum height can be 500 mm from the ground level. The tilt angle for the MMS other than the single axis tracker structure should be 20 degrees from the ground horizontal.

L: Battery Banks (Part A) Pg No. 25

Addition: Lithium-Ion Batteries

All batteries should carry a minimum warranty of 5 years from the date of commissioning.

Addition: The Minimum Battery capacity required is 80 kWh.

M: Overhead LV Distribution Cable (Addition)

Tentative distribution line length – 2,500m

The distribution line should have RSJ MS pole along with assemblies with dimensions (M x B) 116 mm x 100 mm zinc plated with 40-micron plating of minimum length of 8 m and weight of 23 kg/m per pole. The distance between two poles should not be more than 50 m. The height of the pole will increase, suitable to cross obstacles. A line survey must be conducted by the bidder. The design of poles should conform to IS 5613 (Part 1 Sec 1) - 1985 updated to the latest amendment.

Assemblies

- For clamps, there is one set of suspension clamps and one tension clamp. The connectors include two piercing connectors and one eye hook.
- In terms of protection equipment, there is one set of a 1200 mm earthing rod with a clamp and 10 meters of 8 SWG wire for earthing.

- An anti-climbing device is included as well, along with one danger plate rated at 415V.
- Additionally, Put Stay Set where it required (bands and last pole)
- Distribution cable should be minimum 4C x 50 sq mm PVC insulated + bare conductor, 1100V - Aerial bunch cable.
- Lastly, there are AB cable accessories available for the 50 sq mm aerial bunch cable

Grouting pole is required – 3 to 4 inches only to cover GI earthing rod.

N: Street light (Addition)

- 30-watt, W-LED luminaire, dispersed beam, soothing to the eyes with the use of proper optics and diffuser
- Use of mounting accessories and piercing Connectors

Bid Submission: Extension

Please note that along with the tender, the vendor has to submit the following documents which are mandatory. No requests on extension of time limit will be entertained.

1. Documents to be submitted for Technical Evaluation

- a. Datasheets of Solar Modules (only one make to be selected).
- b. Datasheets of Solar String Inverters / Pumps/ Pump Controllers / Battery bank (only one make to be selected)
- c. Proposed SLD
- d. Proposed Solar Module Layout
- e. LA Coverage area drawing
- f. PV SYST report for the site with expected annual generation in kWh.
- g. List of previous experience

The date for submission of the revised bid has been extended to **January 18, 2025 in hard copy form.**