



STANDARD BIDDING DOCUMENT

Govt. of Odisha, Forest, Environment & Climate Change Department
OFFICE OF THE DIVISIONAL FOREST OFFICER, TITILAGARH KENDU LEAVES DIVISION
Near Titidungri, Dist. Balangir (Odisha) e-mail: dfokltgr@gmail.com

SHORT TENDER NOTICE FOR ESTABLISHMENT OF SOLAR PLANTS

No. 1760

Dated 19/06/2023

Sealed quotations are invited from intending authorized dealers/ suppliers/ manufactures having valid GSTIN for supply and installation of 3kWp Hybrid Solar power plants. The supplier must quote their prices with specification inclusive all taxes to the undersigned through sealed envelope **on or before 26.06.2023, 4 PM** the said quotations will be opened on the same day at 4.30 PM.

The quotations received after the scheduled date and time shall be summarily rejected. The undersigned reserved the right to reject any or all the quotations without assigning any reason thereof.

SPECIFICATIONS

Materials	Quantity	Certificates	Minimum warranty period
Solar Module	3kWp	BIS, IEC 61215/ IS: 14286, IEC 61730 Part 1 & 2 Salt Mist Corrosion Testing IEC 61701/ IS:61701	10 Years Performance Warranty: 10 Yrs. for 90% Production and 25 Years for 80% Production
Solar PV Modules Mounting Structure	3kWp	Structure material: Hot dip galvanized steel with a minimum galvanization thickness of 80 (minimum) microns or Aluminum Alloy	Wind Velocity withstanding Capacity: 130 km/hour
Solar Hybrid Inverter (PCU)- 48V	3kW	Safety compliance - IEC 62109-1, IEC 62109-2 Environmental testing - IEC 60068 -2 (1, 2, 14, 30) / Equivalent BIS standard	Minimum 2 Years Warranty
Battery bank with Stand	4 Nos. 12V, 150AH@c10	Governing Specification - IEC 61427/IS: 1651/IS:13369	5 Years of Replacement Warranty
DC & AC Cable	1 Lot	IS: 694/IEC 60227 (latest) & amp; IS: 1554/IEC 60502 (Pt. 1 & amp; 11)	5Years
Earthing	1NO	IS:3043-1986	5Years/ Maintenance free
Surge Protection	1Lot	Surge protection shall be provided on the DC side & amp; the AC side of Solar system	5Years
Installation & commissioning	1 Job	Installation of 3kWp Hybrid Solar System	5years
Comprehensive Maintenance Contract(CMC)	1 Job	As per CMC format to be signed by both party	5years


19.06.2023
Divisional Forest Officer,
Titilagarh (KL) Division