

## INVITATION FOR BIDS

Supply, Installation, and Commissioning of 1 MW PV in India

**Publication date:** 29<sup>th</sup> Apr 2021

**Submission date:** 11<sup>th</sup> May 2021

**Country:** India

**Buyer:** Security Printing and Minting Corporation of India Limited

**Tender type:** Open Tender

**Form of Contract:** Turnkey

**Tender fee:** 5,900 INR

Supply of grid connected 1MW photovoltaic solar power plant at IG mint Hyderabad on turnkey basis IGMH is having 33KV Source Power supply from TSSPDCL with Contracted maximum Demand of 1200KVA. Through 4 Substations we are stepping down the 33KV Source power supply to 440V (by using 2 Nos of 33KV/11KV and 6 Nos of 11KV/440V transformers). In the process of Green Energy utilization and cost cutting measures, it is proposed for the Supply, Installation, commissioning of Grid connected 1MW photo voltaic solar power plant at IG Mint Hyderabad along with integration to existing TSSPDCL source power supply system on Net metering basis. 1MW Grid connected solar PV Power plant broadly consisting of Supply of Solar PV Modules, Solar Array Module Mounting Structures, Inverter/PCU, Step up Transformer, Instrument Transformers, LT Switch gear, HT Switch gear, 33KV HT Underground cables, Solar Cables, Illumination facilities, Lightening Protection system, Surge protection, Peripheral Fencing, Other necessary Hardware accessories ( DCDB, ACCB, AC and DC Cables, Lighting Arrestors, Earthing, MC4, Flexible pipes, All type of Lugs ,Ferrules, etc..).

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