



PRICE BID FORMAT

Price Bid										
Sl. No.	IEC Std. no.	IEC Test Description	BOM						Sub Total	Remark
			Sec. BOM (Set-1)	Sec. BOM (Set-2)	Sec. BOM (Set-3)	Sec. BOM (Set-4)	Sec. BOM (Set-5)	Sec. BOM (Set-6)		
1.00	IEC 61215-1, 61215-1-1, 61215-2 : 2016 & IEC 61730 part 1 & 2 : 2016. (Test report for IS 14286 (latest std.) , IS/IEC 61730-1 & 2 (latest std.) & Fire test shall also be provided along with IEC test reports for all the 12 Sets.) CB Certificate shall also be provided	Terrestrial photovoltaic (PV) modules – Design qualification and type approval & Photovoltaic (PV) module safety qualification along with Fire test	Not required							For 5 Set
2.00	IS 14286 (latest std.) , IS/IEC 61730-1 & 2 (latest std.)	Terrestrial photovoltaic (PV) modules – Design qualification and type approval & Photovoltaic (PV) module safety qualification along with Fire test		Not required	Not required	Not required	Not required	Not required		For 1 Set

Sign & Seal of Bidder



Remarks:

1. Vendor to provide testing charges for all the above tests and Sets except the place where "not required" mentioned.
2. Lab to provide year & edition of the each IEC & IS standards mentioned above for all the individual test, for our information.
3. Lab to provide total time duration for performing tests including final test reports from the date of samples received at their lab.
4. Lab shall provide accredited certificate issued from NABL / ILAC / IECEE / CNAS or international reputed equivalent member signatory for all the above tests.
5. Lab shall be BIS Recognized Laboratory for test mentioned above serial no. 1 & 2.
6. Lab can provide individual above tests wise.
7. The quantity of BOM and number of test individually may vary up to 25% of total contract value.
8. If any of the above tests are to be performed from the above table at overseas, The SPV Modules sending from India to respective overseas labs shall be in the scope of participating testing lab. However, sending sample modules to lab within India will be in BHEL scope. Transport, custom Clearance, seaworthy packing of SPV Modules etc. charges if required, to be included in the above test charges considering transport of sample modules individually / separately for all the above mentioned tests. Seaworthy packing if required to be arranged at your premises and quote will be inclusive of any charges required for the same.
9. Price evaluation will be done individually test wise, as per individual tests.
10. The award of Work order will be placed in staggered manner, test wise or quantity wise.
11. SPV module shall be tested for pollution degree-2 and Material Group-I for test mentioned as per IEC 61215-1 & 1-1 & 2 & IEC 61730-1 & 2.
12. Your offer must contain below details:
 - a. Data / information required to provide us, to be furnished along with SPV modules.
 - b. Any specific terms and conditions for test.
 - c. The Test scheduling & duration required for each tests.



BHARAT HEAVY ELECTRICALS LIMITED,
Solar Business Division, Malleswaram,
Bengaluru - 560 012

**TENDER
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13. BOM details are provided in table below:

SL No.	BOM	Cell	Cell Interconnects	Bus bars	Junction Box	EVA	Back sheet	Al Frame	Glass	Adhesive	Potting material for JB	Remark
	Tested BOM-1	Make-1 Multi	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	CB & IEC certification for 2016 version & IS 14286, IS/IEC 61730-1 & 2, with 1000V system, CB & IEC's report will be provided by BHEL at later stage, This test & BOM is not part of this tender.
1	Secondary BOM (Set-1)	Make-1 Multi	Make-2	Make-2	Make-2	Make-2	Make-2	Make-2	Make-2	Make-1	Make-1	Change in Cell interconnect, Bus bars, Junction Box, EVA, Backsheet, AL. Frame & Glass compared to Tested BOM-1, 1000V System
	Tested BOM-2	Make-1 Multi	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	CB & IEC certification for 2016 version & IS 14286, IS/IEC 61730-1 & 2, with 1500V system, CB & IEC's report will be provided by BHEL at later stage, This test & BOM is not part of this tender.
2	Secondary BOM (Set-2)	Make-2 MonoPERC	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	Make-1	Change in Cell compared to Tested BOM-2, 1500V System
3	Secondary BOM (Set-3)	Make-3 Multi	Make-1	Make-1	Make-3	Make-3	Make-3	Make-3	Make-1	Make-1	Make-3	Change in Cell, Junction Box, EVA, Backsheet, AL. Frame & Potting material for JB, Cell size increases & PV Module size increase not more than 20 % compared to Tested BOM-2, 1500V System



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4	Secondary BOM (Set-4)	Make-4 MonoPERC	Make-1	Make-1	Make-3	Make-3	Make-3	Make-3	Make-1	Make-1	Make-3	Change in Cell compared to Secondary (Set-3), Cell size & PV Module size same as Secondary (Set-3), 1500V System
5	Secondary BOM (Set-5)	Make-5 Multi	Make-3	Make-3	Make-1	Make-4	Make-4	Make-4	Make-1	Make-1	Make-4	Change in Cell, Cell Interconnect, Bus bar, Junction Box, EVA, Backsheet, AL. Frame & Potting material for JB, Cell size may increases & PV Module size may increase not more than than 20 % compared to Tested BOM-2, 1500V System.
6	Secondary BOM (Set-6)	Make-6 Multi	Make-4	Make-4	Make-6	Make-5	Make-5	Make-5	Make-3	Make-1	Make-5	Change in Cell, Cell Interconnect, Bus bar, Junction Box, EVA, Backsheet, AL. Frame, Glass & Potting material for JB, Cell size may increases & PV Module size may increase not more than than 20 % compared to Tested BOM-2, 1500V System.

Sign & Seal of Bidder