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Title	Procurement Description Document for High Voltage Power Supply System of Ion Cyclotron Heating & Current Drive system.
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Procurement Description Document for IC HVPS

 INDUS Ref No.
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	PROCUREMENT DESCRIPTION		
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Title of Item:	Procurement Description Document for High Voltage Power Supply System of Ion Cyclotron Heating & Current Drive system.		
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7 Selection Criteria for Major Components

The selection criteria shall be applicable to suppliers of the major components viz. multi-secondary transformer and SPS modules

7.1 Technical/Professional Capacity and Competencies

Multi secondary, Dry Type transformer	Switched Power Supply modules.
<ul style="list-style-type: none"> a) Supplier shall have in-house manufacturing facility for 11kV class or above, 2MVA or above, transformer. Supplier should have own testing facilities or access to testing facilities complying IEC prescription. b) Party shall have in-place certified quality management system (ISO 9001:2008) or established Quality Management System and this shall be verified during the potential supplier audit. This audit shall be carried out by ITER-India during the pre-qualification stage. c) Supplier shall have a dedicated design team to carry out the job. d) Supplier shall have dedicated QA and QC team to implement the ITER relevant codes and Standards. 	<ul style="list-style-type: none"> a) Supplier shall have in-house manufacturing and R&D facility for 1.1kV (input) class or above, 100kW (output) or above, IGBT based rectifier-chopper module/AC drives with DSP controllers. Supplier should have own testing facilities or access to testing facilities. b) Supplier shall have in-place certified quality management system (ISO 9001:2008) or established Quality Management System and this shall be verified during the potential supplier audit. This audit shall be carried out by ITER-India during the pre-qualification stage. c) Supplier shall have a dedicated design team to carry out the job. d) Supplier shall have dedicated QA and QC team to implement the ITER relevant codes and Standards.

**7.2 Experience in providing similar supplies**

Multi secondary, Dry Type transformer	Switched Power Supply modules.
a) Supplier shall have demonstrated the similar product with multi secondary (minimum 16 nos.) windings. b) Supplier shall have demonstrated the similar multi secondary transformers in past.	a) Supplier shall have demonstrated the similar product in past. b) Vendor should have complied with IEC prescriptions for its products.

7.3 Financial capacity

Multi secondary, Dry Type transformer	Switched Power Supply modules.
a) Annual Turnover for last three years shall be not less than INR 100 million.	a) Annual Turnover for last three years shall be not less than INR 200 million.

8. References

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