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Title	Procurement Description Document for the PA (5.2.P4.IN.01) for Supply of 52.P4 High Voltage Power Supply (HVPS) of the Electron Cyclotron Heating and Current Drive System (ECH&CD)
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Author	Sandip Gajjar
Contributors	IN-DA PS Group, IN-DA Project Office

Distribution list	IN-DA PS Group, IN-DA PA RO, IN-DA QA RO, IO TRO, IO PA RO, IO QA RO
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Written by	Reviewed by	Approved by
Sandip Gajjar	Pankaj Mokaria (Safety RO)	Narinder P. Singh
	Amit Palaliya (QA RO)	
	Gaurav Jogi (PA RO)	
Signature/s in sequence	Signature/s in sequence	Signature/s in sequence

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	PROCUREMENT DESCRIPTION		
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Title of Item:	Procurement Description Document for the PA (5.2.P4.IN.01) for Supply of 52.P4 High Voltage Power Supply (HVPS) of the Electron Cyclotron Heating and Current Drive System (ECH&CD)		
Name of DA:	ITER-India, Institute for Plasma Research		
Prepared by	Reviewed by	Approved by	ITER Acceptance
Position: IN-DA TRO Sandip Gajjar Name & Signature Date:	Position: IN-DA PARO Gaurav Jogi Name & Signature Date:	Position: IN-DA Project Manager Narinder Pal Singh Name & Signature Date:	Position: Name & Signature Date:

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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, SPS modules.

7.1 Technical/Professional Capacity and Competencies

Multi secondary transformers	Switch 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, cast resin 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 transformer	Switch Power Supply modules
<ul style="list-style-type: none"> 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 the past. 	<ul style="list-style-type: none"> a) Supplier shall have demonstrated the similar product in the past. b) Supplier should have complied with IEC prescriptions for its products.

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7.3 Financial capacity

Multi secondary	Switch Power Supply modules
a) Average Annual Turnover for last three years shall be not less than INR 100 million.	a) Average Annual Turnover for last three years shall be not less than INR 200 million.

REFERENCES

[Redacted references]

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