

Modified FORM M-9

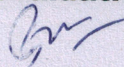
ANNEXURE - A

PHED Rajasthan

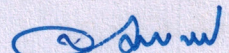
Eligibility Criteria (Mandatory):

Sr. No.	For Power & Distribution Transformer	Page No.
1	Registration Certificate of Firm (Registered in INDIA):- Company registration certificate and Memorandum & Article of Association issued by Registrar of Company / Partnership deed / Sole proprietorship deed issued by competent authority	
2	For Firms Registered Outside India :- Company registration certificate and Memorandum & Article of Association issued by competent authority	
3	Registration of Manufacturing unit (situated in INDIA) :- Registration Certificates of manufacturing unit, issued by DIC / ministry of commerce & Industries, govt. of India or any other competent authority clearly mentioning type of unit, such as Micro/ Small/ Medium / Large scale industrial unit OR Udyog Aadhar OR Factory License issued by competent authority	
4	For Manufacturing unit outside India :- Registration Certificates of manufacturing unit, issued by competent authority clearly mentioning type of unit OR Factory License issued by competent authority	
5	Valid BIS licence of the Transformer/s available with vendor	
6	ISO 9001:2015 Certificate. Quality Management System	
7	GST Registration Certificate	
8	Income Tax Permanent No.	
9	Transformer Tank Manufacturing In-House or Outsourced If outsourced, ISO 9001:2015 certificate of the Outsourced Tank Fabricator and Air pressure test reports of tank of transformer shall be submitted.	
10	If core manufacturing is out-sourced then submit ISO:9001 and BIS licence of out-sourced firm (core manufacturer)	
11	Oil filling in transformer should be under vacuum	
12	In-House testing facilities available for Routine tests for the product as per applicable BIS code. (sample routine test reports of assorted rating / type should be enclosed)	
13	Type Test reports from CPRI/ ERDA/RTRC or any equivalent NABL accredited lab shall be submitted by the manufacturer as per applicable BIS code.	
14	Experience for manufacturing of Transformer (Min. 5 years)	
15	Turn over in last FY: For Power transformer (Min. 25 Crores) For Distribution transformer (Min. 10 Crores)	
16	Satisfactory performance certificates of supplies made in last five(5 yrs.) years, on different projects, to Centre government / State government / PSU's/ Government Bodies/ Local self Bodies/ Public Ltd. Co. etc.(atleast 5 Nos.)	
17	Service support and after sales service network in India	

Please note: If applicant does not fulfill any of the mandatory criteria (applicable), then the applicant shall not be considered for further evaluation.

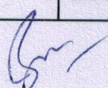


EE I (D&S)


SE(D&S)

PHED Rajasthan**For Power & Distribution Transformer****VENDOR EVALUATION (Marking on the basis of document submitted)**

VENDOR'S NAME			
ADDRESS			
PRODUCT NAMES			
Sr. No	TITLE	Page No	Remarks
	<u>PART " A "</u>		
1	General Manufacturing requirements:		
1.1	Registration of Firm		
1.1.1	Firm registered in India		
1.1.2	Firm registered out side India		
1.2	Licences		
1.2.1	ISO 14001:2004 Certificate. Environment Management System		
1.2.2	ISO 18001:2004 Certificate (OHSAS) / ISO 45001, Occupational Health & safety management System		
1.2.3	Import & Export License issued by Ministry of Commerce & Industry- Government of India for Indian manufacturers and for outside India (foreign) manufacturers, licence issued by their competent authority allowing trade with or export to, India		
1.3	Manufacturing Unit Located within Rajasthan		
1.4	Core manufacturing (complete process)		
1.4.1	In-House facility available		
1.4.2	Prime grade CRGO used for core material		
1.5	In-House sand / shot blasting facility available		
1.6	Facility for spray painting / epoxy painting with primer coating available		



1.7	Transformer Oil		
1.7.1	Fresh or un-used mineral oil used for filling should comply the requirements of IS:335:1983		
1.8	Production staff like engineers, supervisors, skilled workers, other workers		
1.9	Plant and Machinery for the production of listed items		
1.10	Machinery and Equipment for material handling		
2	Quality control & Quality assurance plan		
2.1	Qc manual, written procedures, quality assurance plan		
2.2	Quality control staff like engineers, supervisors, skilled workers		
2.3	Certification from Quality Council of India or National Level quality Award or outstanding entrepreneurship award from government, if any		
3	Experience in manufacturing of Transformer		
3.1	More than 5 Years and upto 10 years		
3.2	More than 10 Years and upto 20 years		
3.3	More than 20 years		
4	Turn over INR		
4.1	Power Tranf.- More than 25 Crores and upto 50 Crores Dist. Tranf.- More than 10 Crores and upto 25 Crores		
4.2	Power Tranf.- More than 50 Crores and upto 100 Crores Dist. Tranf.- More than 25 Crores and upto 50 Crores		
4.3	Power Tranf.- More than 100 Crores and upto 200 Crores Dist. Tranf.- More than 50 Crores and upto 100 Crores		
4.4	Power Tranf.- More than 200 Crores Dist. Tranf.- More than 100 Crores		
5	After sales service		
5.1	Service support and State level network for after sales services in Rajasthan, including spare parts availability		
5.2	Customer complaints resolution promptness		

5.2.1	Affidavit to be submitted on non- judicial stamp paper worth Rs. 100/-		
5.2.2	Feedback from officers of PHED Rajasthan for review of approved vendors and from officers of any govt. / local bodies of other state / PSUs etc for new vendor submissions.		
	Total PART 'A'		
	<u>PART "B"</u>		
1	Testing facility/ Test certificates		
1.1	Raw material		
1.1.1	In-House test facilities available for core, conductors (winding), tank and oil etc. as per relevant BIS code and test certificates submitted		
1.1.2	BDV of fresh transformer oil (used for filling) should be equal to or more than 60 KV		
1.2	Finished Product		
1.2.1	Air pressure test for tank submitted as per BIS code		
1.2.2	In-House tests reports of any special test conducted as per applicable BIS code (such as partial discharge test , Dielectric test, Measurement of acoustic noise level, Measurement of no-load current harmonics, Measurement of power drawn by cooling fans and oil pumps etc.)		0.5 marks for each test limited to max. 2
1.3	Available gauges, measuring devices, testing equipment, meters, inspection aids, instrument of standard makes with calibration report from:		
1.3.1	NABL accredited laboratory for manufacturing Unit/s situated in India		
1.3.2	Equivalent to NABL accredited laboratory for manufacturing Unit/s situated outside India		
2	Supply Details		
2.1	Supply orders of the product in last three(3 yrs.) years, to Centre government / State government / PSU's/ Government Bodies/ Local self Bodies/ Public Ltd. Co. etc..		
2.1.1	Min. 5 Nos.		
2.1.2	More than 5 Nos.		

2.2	Pre-despatch TPI reports / Joint Inspection reports of the Supply orders submitted, in last three(3 yrs.) years, to Centre government / State government / PSU's/ Government Bodies/ Local self Bodies/ Public Ltd. Co. etc..		
2.2.1	min. 5 Nos.		
2.2.2	More than 5 Nos.		
2.3	Excellent / Very good performance certificates, issued by an officer not below the rank of Executive Engineer/ CEO/ Director, of supplies made in last five(5 yrs.) years on different projects, to Centre government / State government / PSU's/ government Bodies/ Local self Bodies/ Public Ltd. Co. etc.		
2.3.1	min. 5 Nos.		
2.3.2	More than 5 Nos.		
2.4	If firm is an approved vendor in any of the Centre government deptt./ State government deptt. / PSU's/ government Bodies/ Local self Bodies/ Public Ltd. Co. etc.and approval letter/s submitted		0.5 marks for each approval limited to max. 3
	Total PART 'B'		

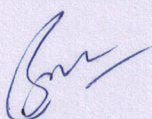
Grand Total (Part 'A'+ Part 'B')

Total marks obtained

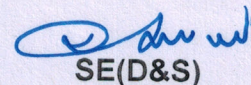
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Qualifying marks

Qualified (Yes/NO)



EE I (D&S)



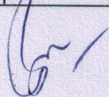
SE(D&S)

PHED Rajasthan**For Power & Distribution Transformer****VENDOR EVALUATION (Marking on the basis of Shop Survey)**

VENDOR'S NAME			
ADDRESS			
PRODUCT NAMES			
DATE of VISIT			
Sr. No	TITLE	Page No	Remarks
	<u>PART " A "</u>		
1	General Manufacturing requirements:		
1.1	Registration of Firm		
1.1.1	Firm registered in India		
1.1.2	Firm registered out side India		
1.2	Licences		
1.2.1	ISO 14001:2004 Certificate. Environment Management System		
1.2.2	ISO 18001:2004 Certificate (OHSAS) / ISO 45001, Occupational Health & safety management System		
1.2.3	Import & Export License issued by Ministry of Commerce & Industry- Government of India for Indian manufacturers and for outside India (foreign) manufacturers, licence issued by their competent authority allowing trade with or export to, India		
1.3	Manufacturing Unit Located within Rajasthan		
1.4	Core manufacturing (complete process)		
1.4.1	In-House facility available		
1.4.2	Prime grade CRGO used for core material		
1.5	In-House sand / shot blasting facility available		
1.6	Facility for spray painting / epoxy painting with primer coating available		
1.7	Transformer Oil		
1.7.1	Fresh or un-used mineral oil used for filling should comply the requirements of IS:335:1983		

1.8	Production staff like engineers, supervisors, skilled workers, other workers		
1.9	Plant and Machinery for the production of listed items		
1.10	Machinery and Equipment for material handling		
2	Quality control & Quality assurance plan		
2.1	Qc manual, written procedures, quality assurance plan		
2.2	Quality control staff like engineers, supervisors, skilled workers		
2.3	Certification from Quality Council of India or National Level quality Award or outstanding entrepreneurship award from government, if any		
3	Experience in manufacturing of Transformer		
3.1	More than 5 Years and upto 10 years		
3.2	More than 10 Years and upto 20 years		
3.3	More than 20 years		
4	Turn over INR		
4.1	Power Tranf.- More than 25 Crores and upto 50 Crores Dist. Tranf.- More than 10 Crores and upto 25 Crores		
4.2	Power Tranf.- More than 50 Crores and upto 100 Crores Dist. Tranf.- More than 25 Crores and upto 50 Crores		
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5	After sales service		
5.1	Service support and State level network for after sales services in Rajasthan, including spare parts availability		
5.2	Customer complaints resolution promptness		
5.2.1	Affidavit to be submitted on non- judicial stamp paper worth Rs. 100/-		
5.2.2	Feedback from officers of PHED Rajasthan for review of approved vendors and from officers of any govt. / local bodies of other state / PSUs etc for new vendor submissions.		
	Total PART 'A'		
	<u>PART "B"</u>		

1	Testing facility/ Test certificates		
1.1	Raw material		
1.1.1	In-House test facilities available for core, conductors (winding), tank and oil etc. as per relevant BIS code and test certificates submitted		
1.1.2	BDV of fresh transformer oil (used for filling) should be equal to or more than 60 KV		
1.2	Finished Product		
1.2.1	Air pressure test for tank submitted as per BIS code		
1.2.2	In-House tests reports of any special test conducted as per applicable BIS code (such as partial discharge test , Dielectric test, Measurement of acoustic noise level, Measurement of no-load current harmonics, Measurement of power drawn by cooling fans and oil pumps etc.)		
1.3	Available gauges, measuring devices, testing equipment, meters, inspection aids, instrument of standard makes with calibration report from:		
1.3.1	NABL accredited laboratory for manufacturing Unit/s situated in India		
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2	Supply Details		
2.1	Supply orders of the product in last three(3 yrs.) years, to Centre government / State government / PSU's/ Government Bodies/ Local self Bodies/ Public Ltd. Co. etc..		
2.1.1	Min. 5 Nos.		
2.1.2	More than 5 Nos.		
2.2	Pre-despatch TPI reports / Joint Inspection reports of the Supply orders submitted, in last three(3 yrs.) years, to Centre government / State government / PSU's/ Government Bodies/ Local self Bodies/ Public Ltd. Co. etc..		
2.2.1	min. 5 Nos.		
2.2.2	More than 5 Nos.		



2.3	Excellent / Very good performance certificates, issued by an officer not below the rank of Executive Engineer/ CEO/ Director, of supplies made in last five(5 yrs.) years on different projects, to Centre government / State government / PSU's/ government Bodies/ Local self Bodies/ Public Ltd. Co. etc.		
2.3.1	min. 5 Nos.		
2.3.2	More than 5 Nos.		
2.4	If firm is an approved vendor in any of the Centre government deptt./ State government deptt. / PSU's/ government Bodies/ Local self Bodies/ Public Ltd. Co. etc.and approval letter/s submitted		
	Total PART 'B'		
	<u>"PART- C"</u>		
1	Specific Observations during Shop Survey:		
1.1	Open space within factory premises with respect to manufacturing items		
1.2	Build-up space within factory premises with respect to manufacturing items		
1.3	Shop layout and defined areas/ sheds for separate production activities with respect to Manufacturing items		
1.4	Storage area/ shed for raw material		
1.5	Storage area/ shed for finished product		
1.6	Production Planning/ Application		
1.7	Raw Material Procurement (systematic)		
1.8	Inspection of core fixing , winding, insulation & other process		
1.9	Varification of Testing facilities		
1.10	Packing, marking, dispatching facilities		
1.11	Traceability		
1.12	In- Process checks		
1.13	Extent of supervision		
2	Social Responsibility & Legal Compliance.		
2.1	Significant work done related to social responsibility within last three years		

2.2	No Child Labour seen		
	Total PART 'C'		

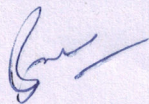
Grand Total (Part 'A'+ Part 'B'+ Part 'C')

Total marks obtained

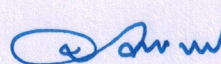
%ge marks obtained

Qualifying marks

Qualified (Yes/NO)



EE I (D&S)



SE(D&S)