

PHED Rajasthan

FORM M-21

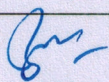
ANNEXURE - A

Electric Actuators

Eligibility Criteria (Mandatory):

(Vendor/ Manufacturer have to submit relevant supporting documents)

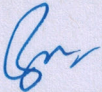
Name of Vendor			
Registered Address			
Factory Address			
E-mail:			
Sr. No.	Particulars	Page No.	Remarks
1	Registration Certificate of Firm (Registered in INDIA):- Company registration certificate and Memorandum & Article of Association issued by Registrar of Company / Partnership deed / Sole proprietorship 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 and 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 and Factory License issued by competent authority		
5	ISO 9001:2015 Certificate. Quality Management System available with vendor		
6	GST Registration Certificate		
7	Income Tax Permanent No.		
8	In-House testing facilities available for conducting tests as per applicable code i.e. IS: 9334:1986 / ISO 22153:2020 (E) OR as per other relevant standard followed for manufacturing and testing of electric Actuators. (sample test reports of various torque and power rating should be enclosed)		
9	Type Test reports shall be submitted by the manufacturer for the tests mentioned in IS: 9334:1986 / ISO 22153:2020(E). Type tests may be performed In-House by any Third Party Inspecting Agency or from any NABL accredited lab		



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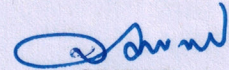
10	BIS License for Electric Actuator as per IS:9334:1986 be submitted. If BIS license is not available with the vendor, Product Confirmatory Certificate issued by any Third Party Inspecting Agency (such as SGS, RITES, PDIL, TUV etc.) after assessment of your manufacturing unit/s verifying the manufacturing & testing facilities (including Type testing facility, if any) as per IS:9334:1986 / ISO 22153:2020 (E) OR as per other relevant standard applicable and range of manufacturing. Date of issue of this certificate should not be prior to 2 years on the date of submission of application.		
11	Experience for manufacturing of Actuators (Min. 5 years)		
12	Turn over {Average Turn Over of the firm of best three Financial Years (FY) out of previous five years shall be considered} (Min. INR 10 Crores)		
13	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.). Performance certificate should have clearly mention the type of actuator and its rating.		
14	Service support and after sales services network in India		
15	Sanctioned load (Min. 100 KVA)		
16	Type test Certificate from any NABL accredited lab or any internationally accredited laboratory for enclosure protection, Terminal Box protection etc. IP 68 in accordance with IEC 60529 shall be submitted		

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



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FORM M-21**ANNEXURE- B****PHED Rajasthan****Electric Actuators****VENDOR EVALUATION (Marking on the basis of document submitted)**

Name of Vendor

Registered Address

Factory Address

E-mail:

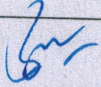
Sr. No	Particulars	Page No	Remarks
	<u>PART " A "</u>		
1	General Manufacturing requirements:		
1.1	Registration of Firm		
1.1.1	Firm registered in India		
1.1.2	Firm registered out side India		
1.2	Licences		
1.2.1	BIS License as per IS:9334:1986 available with the vendor		
1.2.2	ISO 14001:2004 Certificate. Environment Management System		
1.2.3	ISO 18001:2004 Certificate (OHSAS) / ISO 45001, Occupational Health & safety management System		
1.2.4	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, Indi		
1.3	Manufacturing Unit Located within Rajasthan		
1.4	Reasurch and Designing (R & D) facility available with the vendor		
1.5	Manufacturing of motor for Electrical Actuator		
1.5.1	In-House facility available		
1.5.2	Out-sourced		
1.6	Mechanical Interface for installation on valves of other brands		
1.6.1	Interchangibility and mounting dimensions are exactly as per ISO 5211		
1.6.2	Not exactly interchangable but Adapters has to be used		
1.7	Sanctioned load		
1.7.1	More than 100 KVA and upto 200 KVA		
1.7.2	More than 200 KVA and upto 300 KVA		
1.7.3	More than 300 KVA		

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1.8	Manufacturing Capacity		
1.8.1	Manufacturing more than 5000 nos.per year (any type of actuator) including at least 1000 nos. Electric actuators		
1.8.2	Manufacturing capacity is less than as specified in 1.8.1 above		
1.9	Production staff like engineers, supervisors, skilled workers, other workers		
1.10	Plant and Machinery for the production of listed items		
1.11	Machinery and Equipment for material handling		
1.12	External Corrosion Protection (certificate from NABL accredited lab shall be submitted)		
1.12.1	External Corrosion Protection category- min C3 (Midium-as per ISO 12944 or equivalent)		
2	Quality control & Quality assurance plan		
2.1	Qc manual / written procedures and quality assurance plan		
2.2	Quality control staff like engineers, supervisors, skilled workers		
2.3	National Level quality Award, research & development award or outstanding entrepreneurship award from government		
3	Experience of manufacturing		
3.1	5 to 10 years		
3.2	10 to 20 years		
3.3	More than 20 years		
4	Turn over INR {Average Turn Over of the firm of best three Financial Years (FY) out of previous five years shall be considered}		
4.1	More than 10 Crores and upto 25 Crores		
4.2	More than 25 Crores and upto 50 Crores		
4.3	More than 50 Crores and upto 100 Crores		
4.4	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/-		
5.3	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.		

FORM M-21**PART "B"**

1	Testing facility/ Test certificates		
1.1	Raw material		
1.1.1	Test reports of Cast iron, Ductile iron, Cast Aluminium, Copper winding, Nitrile Rubber/ EPDM etc. submitted		
1.1.2	Ultrasonic test for Stainless Steel and Brass components etc. submitted		
1.2	Finished Product		
1.2.1	Endurance test report submitted		
1.2.2	Noise test report submitted		
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. Upto 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	Upto 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	Upto 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		


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FORM M-21**ANNEXURE- C****PHED Rajasthan****Electric Actuators****VENDOR EVALUATION (Marking on the basis of Shop Survey and document submitted)**

Name of Vendor

Registered Address

Factory Address

E-mail:

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		
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1.2	Licences		
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1.2.2	ISO 14001:2004 Certificate. Environment Management System		
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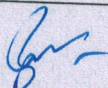
1.8	Manufacturing Capacity		
1.8.1	Manufacturing more than 5000 nos.per year (any type of actuator) including at least 1000 nos. Electric actuators		
1.8.2	Manufacturing capacity is less than as specified in 1.8.1 above		
1.9	Production staff like engineers, supervisors, skilled workers, other workers		
1.10	Plant and Machinery for the production of listed items		
1.11	Machinery and Equipment for material handling		
1.12	External Corrosion Protection (certificate from NABL accredited lab shall be submitted)		
1.12.1	External Corrosion Protection category- min C3 (Midium-as per ISO 12944 or equivalent)		
2	Quality control & Quality assurance plan		
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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/-		
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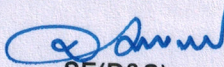
FORM M-21**PART "B"**

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1.2	Finished Product		
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2.1.1	Min. Upto 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	Upto 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	Upto 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		

FORM M-21**"PART- C"**

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/ Component Procurement (systematic)		
1.8	Inspection of enclosure and test certificate verified		
1.9	Mechanical interface and functionality verified		
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		


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