

FORM M-4**Annexure-A1****Eligibility Criteria for Vendor Enlistment (Mandatory):****CATEGORY 2- For Submerged Centrifugal Pump set
(wet installed, single stage volute type, with motor mounted on extended impellar shaft without coupling)**

1	For Firms 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	For 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	ISO 9001:2015 Certificate. Quality Management System
6	GST Registration Certificate
7	Income Tax Permanent No.
8	In-House testing facilities available as per applicable BIS code OR standard followed for manufacturing and testing. (sample test reports of assorted duty conditions should be enclosed)
9	Product Confirmatory Certificate issued by SGS/ DGV etc. for the product manufactured as per BIS or any other relevant standards applicable or as per manufacturer's standard, Date of issue of this certificate should not be prior to 2 years on the date of submission of application.
10	Portable water compliance certificate for Rubber Gasket/ Liquid gasket
11	Portable water compliance certificate for Coating / Paint
12	Experience for manufacturing of Submerged Centrifugal Pump set (min. 5 years)
13	Turnover of firm in last FY (Min. Rs 50 Crores)
14	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.)
15	Service support and after sales services network in India, including spare parts availability.
16	Sanctioned Power load in factory (Min. 100 KVA)
17	Balancing facility for Impellar, Shaft and / or other rotating parts etc.
18	Motor shall be submerged squirrel cage type, totally enclosed - IP 68 (certificate in this regard shall be submitted)
19	ISO 9001:2015 Certificate. Quality Management System and BIS licence of submerged motor manufacturing firm (if out-sourced)

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

FORM M-4**PHED Rajasthan****Annexure "B1"****CATEGORY-2 : For Submerged Centrifugal Pump set**
(wet installed, single stage volute type, with motor mounted on extended impellar**VENDOR EVALUATION (Marking on the basis of document submitted)**

VENDOR'S NAME			
ADDRESS			
PRODUCT NAMES			
Sr. No	TITLE	Page No	Remarks
PART " A "			
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		
1.2.3	BIS code for this pump is not available, name the standard followed for manufacturing and testing of pumps (if available) or manufacturers are following their own standard		
1.2.4	BIS licence for submerged motor, available with the vendor		
1.2.5	ISO 14001:2004 Certificate. Environment Management System		
1.2.6	ISO 18001:2004 Certificate (OHSAS) / ISO 45001, Occupational Health & safety management System		
1.2.7	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	Reasurch and Designing (R & D) facility available incl 3-D modelling, stress analysis, and performance etc		
1.5	Casting Facility/ Foundary		
1.5.1	In-House casting facility available		
1.5.2	If casting Out-sourced, ISO 9001:2015 of Foundary/ Foundaries with which Tie-Up for casting (manufacturer have to submit agreement with each foundary)		
1.6	In-House anti-corosive & heat absorbant coating/painting facilities available		
1.7	Sanctioned Power load in factory		

Sr. No	TITLE	Page No	Remarks
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		
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		
1.11	Automation and Process control		
1.11.1	Machining & balancing of impellar, shaft , & other rotating parts by CNC etc. , any other automated function		
1.11.2	Pump set manufactured with IOT based pump health monitoring system		
1.12	Manufacturing of associated motor completely In-House		
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	National Level quality Award, research & development award or outstanding entrepreneurship award from government		
3	Experience in manufacturing of Submerged Centrifugal Pumpsets		
3.1	5 to 10 years		
3.2	More than 10 yrs and up to 20 years		
3.2	More than 20 years		
4	Turn over INR		
4.1	More than 50 Crores and upto 100 Crores		
4.2	More than 100 Crores and upto 250 Crores		
4.3	More than 250 Crores and upto 500 Crores		
4.4	More than 500 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		

Sr. No	TITLE	Page No	Remarks
5.2.1	Affidavit to be submitted on non- judicial stamp paper worth Rs. 100/-		
5.2.2	Feedback from officers of PHED Rajasthan		
	Total PART 'A'		
	<u>PART "B"</u>		
1	Testing facility/ Test certificates		
1.1	Raw material		
1.1.1	Test reports of HEAT (batch just before casting) submitted		
1.1.2	Dye penetrant test certificate for hydraulic component submitted .		
1.1.3	Ultrasonic test report for Stainless Steel and Brass components, submitted		
1.1.4	Tests certificate for copper winding of motor		
1.1.5	Test reports for motor as per relevant BIS, submitted		
1.2	Finished Product		
1.2.1	In-house Test beds with all testing equipment arrangements for different types of pumps as per relevant standard (please mention size of each bed and max. KVA test capacity)		
1.2.1.1	In-house Testing capacity upto & including 100KVA		
1.2.1.2	In-house Testing capacity more than 100KVA but upto & including 200KVA		
1.2.1.3	In-house Testing capacity more than 200KVA		
1.2.2	In-House Guaranteed Performance test reports submitted as per applicable BIS code OR as per relevant standard followed for manufacturing & testing		
1.2.3	Noise and vibration test report submitted		
1.2.4	VFD facility available for testing		
1.2.5	If In-House testing facilities NABL accredited		
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		

Sr. No	TITLE	Page No	Remarks
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'		

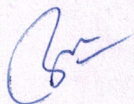
Grand Total (Part 'A'+ Part 'B')

Total marks obtained

%age marks obtained

Qualifying marks

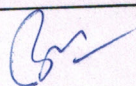
Qualified (Yes/NO)





FORM M-4**PHED Rajasthan****Annexure "C1"****CATEGORY-2 : For Submerged Centrifugal Pump set**
(wet installed, single stage volute type, with motor mounted on extended impellar**VENDOR EVALUATION (Marking on the basis of documents submitted & Shop Survey)**

VENDOR'S NAME			
ADDRESS			
PRODUCT NAMES			
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PART " A "			
1	General Manufacturing requirements:		
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1.6	In-House anti-corosive & heat absorbant coating/painting facilities available		
1.7	Sanctioned Power load in factory		



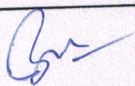

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2	Supply Details		

Br

Q

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	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/ Component Procurement (systematic)		
1.8	Surface comparator to maintain texture quality of castings		
1.9	Inspection for mechanical seal		





Sr. No	TITLE	Page No	Remarks
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)



