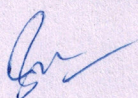


FORM M-2

Eligibility Criteria (Mandatory): FOR FLOW CONTROL VALVE & PRESSURE REDUCING VALVE

| Sr. No | TITLE | Page No | Remarks |
|--------|---|---------|---------|
| 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 for Routine tests for the product as per BIS code OR as per relevant standard followed for manufacturing such as AWWA or BS-EN or any other standard. (sample routine test reports of assorted size should be enclosed) | | |
| 9 | Portable water complaine certificate for EPDM | | |
| 10 | Portable water complaine certificate for Paint/ Powder coating | | |
| 11 | Experience for manufacturing of Valves (Min. 3 years) | | |
| 12 | Turn over in last FY (Min. 10 Crores) | | |
| 13 | Service support and after sales services 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.

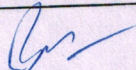


A
J.E(DBS)

PHED Rajasthan**Flow Control Valve and Pressure Reducing Valve (FCV and PRV)****VENDOR EVALUATION (Marking on the basis of document submitted for FCV and PRV)**

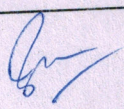
| VENDOR'S NAME | | | |
|---------------|--|---------|---------|
| ADDRESS | | | |
| PRODUCT NAMES | | | |
| Sr. No | TITLE | Page No | Remarks |
| | PART " A " | | |
| 1 | General Manufacturing requirements: | | |
| 1.1 | Registration of Firm | | |
| 1.1.1 | Firm registered in India | | |
| 1.1.2 | Firm registered out side India | | |
| 1.2 | Standard Referred | | |
| 1.2.2 | Standard referred for manufacturing/ testing of valve (i.e. AWWA, BS-EN, DIN, IEC etc) | | |
| 1.2.4 | ISO 14001:2004 Certificate. Environment Management System | | |
| 1.2.5 | ISO 18001:2004 Certificate (OHSAS) / ISO 45001 | | |
| 1.2.6 | Import & Export License | | |
| 1.3 | Manufacturing Unit Located within Rajasthan | | |
| 1.4 | R&D Facilities: | | |
| 1.4.1 | Designing facility available | | |
| 1.4.2 | In-house Type Test facilities, testing equipments available as per relevant standard | | |
| 1.5 | Powder Coating Facility | | |
| 1.5.1 | In-House | | |

| | | | |
|-------|---|--|--|
| 1.5.2 | Out- sourced | | |
| 1.6 | Production staff like engineers, supervisors, skilled workers, other workers | | |
| 1.7 | Plant and Machinery for the production of listed items | | |
| 1.8 | Machinery and Equipment for material handling | | |
| 1.9 | Automation and Process control | | |
| 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 Valves (FCV & PRV) | | |
| 3.1 | 3 to 5 years | | |
| 3.2 | More than 5 years | | |
| 4 | Turn over INR | | |
| 4.1 | 10 to 20 Crores | | |
| 4.2 | 21 to 50 Crores | | |
| 4.3 | More than 50 Crores | | |
| 5 | After sales service | | |
| 5.1 | Service support and State level network for after sales services in Rajasthan | | |
| 5.2 | Customer complaints resolution promptness (Affidavit to be submitted on non- judicial stamp paper worth Rs. 100/-) | | |
| | <u>PART "B"</u> | | |
| 1 | Testing facility/ Test certificates | | |
| 1.1 | Raw material | | |
| 1.1.1 | ISO 9001:2015 of Foundry with which Tie-Up for casting | | |
| 1.1.2 | Raw material Test certificates submitted (report from NABL accredited lab submitted) | | |



G
SECD (S)

| | | | |
|---------|--|--|--|
| 1.1.3 | Test reports of HEAT (batch just before casting) submitted | | |
| 1.2 | Finished Product | | |
| 1.2.1 | Finished product test reports submitted as per applicable relevant standard followed for manufacturing and testing of FCV & PRV (such as AWWA , BS-EN , DIN, IEC etc.) | | |
| 1.2.1.1 | In-House Test reports submitted as per enclosed Annexure "A-1" | | |
| 1.2.1.3 | If test reports from FCRI or any NABL accredited laboratory submitted as per enclosed Annexure "A-1" | | |
| 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 Five (5 yrs.) years, to Centre government / State government / PSU's/ Government Bodies/ Local self Bodies/ Public Ltd. Co. | | |
| 2.2 | Pre-despatch TPI reports / Joint Inspection reports of the Supply orders submitted, in last Five (5 yrs.) years, to Centre government / State government / PSU's/ Government Bodies/ Local self Bodies/ Public Ltd. Co. etc.. | | |
| 2.3 | Performance certificates, issued by an officer not below the rank of Executive Engineer, 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.. | | |



A
SECD/8)

PHED Rajasthan

Flow Control Valve and Pressure Reducing Valve (FCV and PRV)

VENDOR EVALUATION (Marking on the basis of Shop Survey for FCV and PRV)

ADDRESS

PRODUCT NAMES

DATE of VISIT

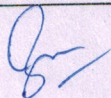
| Sr. No | | TITLE | Page No | Remarks |
|--------|--|--|---------|---------|
| | | <u>PART " A "</u> | | |
| 1 | | General Manufacturing requirements: | | |
| 1.1 | | Registration of Firm | | |
| 1.1.1 | | Firm registered in India | | |
| 1.1.2 | | Firm registered out side India | | |
| 1.2 | | Standard Referred | | |
| 1.2.1 | | Standard referred for manufacturing/ testing of valve (i.e. AWWA, BS-EN, DIN, IEC etc) | | |
| 1.2.2 | | ISO 14001:2004 Certificate. Environment Management System | | |
| 1.2.3 | | ISO 18001:2004 Certificate (OHSAS) / ISO 45001 | | |
| 1.2.4 | | Import & Export License | | |
| 1.3 | | Manufacturing Unit Located within Rajasthan | | |
| 1.4 | | R&D Facilities: | | |
| 1.4.1 | | Designing facility available | | |
| 1.4.2 | | In-house Type Test facilities, testing equipments available as per relevant standard | | |
| 1.5 | | Powder Coating Facility | | |
| 1.5.1 | | In-House | | |
| 1.5.2 | | Out- sourced | | |
| 1.6 | | Production staff like engineers, supervisors, skilled workers, other workers | | |
| 1.7 | | Plant and Machinery for the production of listed items | | |
| 1.8 | | Machinery and Equipment for material handling | | |
| 1.9 | | Automation and Process control | | |
| 2 | | Quality control & Quality assurance plan | | |
| 2.1 | | Qc manual, written procedures, quality assurance plan | | |

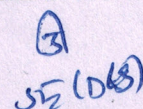
| | | | |
|---------|---|--|--|
| 2.2 | Quality control staff like engineers, supervisors, skilled workers | | |
| 2.3 | National Level quality Award, research & development award or outstanding entrepreneurship award from government | | |
| 3 | Experience in manufacturing of Valves (FCV & PRV) | | |
| 3.1 | 3 to 5 years | | |
| 3.2 | More than 5 years | | |
| 4 | Turn over Rs. | | |
| 4.1 | 10 to 20 Crores | | |
| 4.2 | 21 to 50 Crores | | |
| 4.3 | More than 50 Crores | | |
| 5 | After sales service | | |
| 5.1 | Service support and State level network for after sales services in Rajasthan | | |
| 5.2 | Customer complaints resolution promptness (Affidavit to be submitted on non- judicial stamp paper worth Rs. 100/-) | | |
| | <u>PART "B"</u> | | |
| 1 | Testing facility | | |
| 1.1 | Raw material | | |
| 1.1.1 | ISO 9001:2015 of Foundary with which Tie-Up for casting | | |
| 1.1.2 | Raw material Test certificates submitted (report from NABL accredited lab submitted) | | |
| 1.1.3 | Test reports of HEAT (batch just before casting) submitted | | |
| 1.2 | Finished Product | | |
| 1.2.1 | Finished product test reports submitted as per applicable relevant standard followed for manufacturing and testing of FCV & PRV (such as AWWA , BS-EN , DIN etc.) | | |
| 1.2.1.2 | In-House Test reports submitted as per enclosed Annexure "A-1" | | |
| 1.2.1.3 | If test reports from FCRI or any NABL accredited laboratory submitted as per enclosed Annexure "A-1" | | |
| 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 | | |

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SETD(S)

| | | | |
|------|--|--|--|
| 2.1 | Supply orders of the product in last Five (5 yrs.) years, to Centre government / State government / PSU's/ Government Bodies/ Local self Bodies/ Public Ltd. Co. etc.. | | |
| 2.2 | Pre-despatch TPI reports / Joint Inspection reports of the Supply orders submitted, in last Five (5 yrs.) years, to Centre government / State government / PSU's/ Government Bodies/ Local self Bodies/ Public Ltd. Co. etc.. | | |
| 2.3 | Performance certificates, issued by an officer not below the rank of Executive Engineer, 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.. | | |
| | "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 | Packing, marking, dispatching facilities | | |
| 1.9 | Traceability | | |
| 1.10 | In- Process checks | | |
| 1.11 | 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 | | |




3
5/2 (D/S)

PHED Rajasthan**Tests to be performed on Flow Control Valve and Pressure Reducing Valve (FCV and PRV)**

| S.N | Type of Valve | Test | Relavent Standard/ Code |
|------------|---|--|--|
| 1 | Flow control Valve (Plunger Type & Diaphragm Type) Pressure Reducing valve (Diaphragm Type) (Material - DI) | 1. Functional test | Each Valve 1. To ensure the free & proper functioning of parts in the intended manner as per EN 1074-1& 5, EN-12266. 2. Demonstration of confirmatory of pressure reduction during functional test (Applicable for PRV) i.e. irrespective of fluctuation / change in upstream pressure, downstream pressure to be maintained at a set reduced pressure. |
| | | 2. Hydrostatic Test - a. Body test b. Seat test | Each Valve As per EN 1074-1& 5, EN-12266 or any equivalent standard applicable for tests on FCV & PRV |