

बिड दस्तावेज़ / Bid Document

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	10-03-2026 12:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	10-03-2026 12:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Petroleum And Natural Gas
विभाग का नाम / Department Name	Na
संगठन का नाम / Organisation Name	Hindustan Petroleum Corporation Ltd
कार्यालय का नाम / Office Name	Petroleum House
कुल मात्रा / Total Quantity	1
वस्तु श्रेणी / Item Category	supply, installation & commissioning of 1 No. new 3-Phase 415V 50 Hz, AC Electrical Actuators
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	supply, installation & commissioning of 1 No. new 3-Phase 415V 50 Hz, AC Electrical Actuators
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	DC Regulated Power Supply As Per MHA QRs
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> • Electric Solenoid Operated Actuators-IS:8935 • Motorized Actuator (V2) • PVC Insulated (Heavy Duty) Electric Cables (V2) as per IS 1554 (Part 1)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Relaxation for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	Experience Criteria, Bidder Turnover, Certificate (Requested in ATC), Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer

बिड विवरण/Bid Details

क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	No
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	3
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	ICICI
ईएमडी राशि/EMD Amount	20000

ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	ICICI
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	15

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b).ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

लाभार्थी /Beneficiary :

HINDUSTAN PETROLEUM CORPORATION LIMITED
Petroleum House, NA, Hindustan Petroleum Corporation Ltd, Ministry of Petroleum and Natural Gas
(Hindustan Petroleum Corporation Limited)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता/MII Purchase Preference

एमआईआई खरीद वरीयता/MII Purchase Preference	No
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एमआईआई के लिए सक्षम प्राधिकारी का विवरण:/Details of the Competent Authority for MII

सक्षम प्राधिकारी का नाम/Name of Competent Authority	GM VVSPL
सक्षम प्राधिकारी का पदनाम/Designation of Competent Authority	GM VVSPL
सक्षम प्राधिकारी का कार्यालय/विभाग/प्रभाग/Office / Department / Division of Competent Authority	VVSPL HO
सीए अनुमोदन संख्या/CA Approval Number	17022026
सक्षम प्राधिकारी अनुमोदन तिथि/Competent Authority Approval Date	17-02-2026
सक्षम प्राधिकारी द्वारा प्रदान की गई स्वीकृति का संक्षिप्त विवरण/Brief Description of the Approval Granted by Competent Authority	MII not applicable for tender value less than 1 Crore as per revised MII ammendment

Competent Authority Approval for not opting Make In India Preference : [View Document](#)

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within L1+X%	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25

1. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

Supply, Installation & Commissioning Of 1 No. New 3-Phase 415V 50 Hz, AC Electrical Actuators (1 Unit)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download
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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Sammeta Naga Ayyappa	501301,HPCL, VVSPL Ghatkesar, Ankushapur Village, Ghatkesar Mandal, Medchal Distt. Telangana, PIN : 501301	1	154

Buyer added Bid Specific Additional Scope of Work

क्र.सं./S.N o.	Document Title	Description	रिवर्स प्रभार के अनुसार जीएसटी/Applicable i.r.o. Items
1	ATC supply View	Terms and conditions of tender with annexures and BG	Supply, Installation & Commissioning Of 1 No. New 3-Phase 415V 50 Hz, AC Electrical Actuators(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/**Buyer Added Bid Specific Terms and Conditions**

1. **Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

3. **Generic**

Bidder financial standing: The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

4. **Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

5. **Generic**

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- a. Copy of PAN Card.
- b. Copy of GSTIN.
- c. Copy of Cancelled Cheque.
- d. Copy of EFT Mandate duly certified by Bank.

6. **Generic**

Consortium: In case of Contracts, wherein the seller alone does not have necessary expertise, the seller can form consortium with other sellers for submission of the bid, with one of the consortium company as leader. However, each and every member of the consortium shall be equally responsible for the complete execution of the project contract. An undertaking to this effect is to be uploaded with bid.

7. **Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

8. **Generic**

End User Certificate: Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.

9. **Generic**

Products supplied shall be nontoxic and harmless to health. In the case of toxic materials, Material Safety

Data Sheet may be furnished along with the material.

10. **Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

11. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

PBG applicable for tender is ONLY 5 % and Not 10 % in line with GeM bid document. Bidders to NOTE THE same. (10 % mentioned in specification document is to be IGNORED).

Scope of Job

Scope of job includes supply, installation & commissioning of 1 No. new 3-Phase 415V 50 Hz, AC Electrical Actuators meeting the technical specifications as per Attachment-I,II,III at VVSPL- Secunderabad Receiving Station

4.SCOPE OF JOB

The scope of the job includes Supply, installation and commissioning of 1 no. new 3-Phase 415 V AC Electrical Actuator as detailed below:

a. Supply of New actuator with complete gearbox assembly meeting the specifications of existing Actuator (details mentioned in Clause:5, Attachment-I) and suitable for existing valve. *(Site Visit is recommended before submitting the price bid)*

b. Supply of Actuators at above mentioned Addresses as per the tender specifications.

b. Removal of old Actuators and Gearbox .

c. Installation of New actuator & Gearbox. Necessary modifications, fabrication job of Drive bush, Hub drive , Adaption plate ,Shaft key way & gear box assembly adjustments if required shall be done by the vendor to install the Actuator.

d. Testing and commissioning of Actuator for its functionality as per the requirement.

e. All required necessary mounting arrangements including adoption kit have to be provided by the supplier to facilitate the installation & coupling of the actuator and valve with the gear box.

All main drive gearing must be of metal construction as per the relevant standard.

g. Dismantling of existing gear box (if any) & Actuator, disconnection of cables etc. is also in the scope of vendor.

h. The Existing valve is very old and the documentation of the same is not available with us. Hence vendor in his own interest is advised to inspect the valves before quoting for the job, No payment shall be made for this visit. Photos of the actuators shall be attached along the tender document.

i. After the installation is completed, working of actuator in both remote/local modes to be checked to the satisfaction of HPCL representative.

j. Supplied Actuators shall have below indicators: 4 latching volt-free contacts are provided, each independently configurable using the supplied IQ Setting Tool to signal one of the following:

- i. Valve Position - fully open, fully closed or intermediate positions (0-99% open)
- ii. Status - valve opening, closing, moving (continuous or pulsing signal), local stop selected, local selected, remote selected, open or close interlock active, ESD active.
- iii. Valve Alarms - motor tripped on torque in mid travel, motor tripped on torque going open, going closed, valve jammed, actuator being operated by hand wheel

iv. Actuator alarms - lost phase, 24V DC/120/240/415 V AC) supply lost, battery low, internal failure detected, thermostat tripped

v. Each contact can be configured to either 'normally open' or 'normally closed'. Contacts are nominally rated at 5mA to 5A, 120VAC, 30VDC. However as long as the switched circuit power remains within the specified limit of 60W (inductive) or 150W (resistive), then the following maximum ratings can be achieved: Maximum switching voltage 120VAC or DC. Maximum switching current - 5A.

6. GENERAL REQUIREMENTS :

a. The offered equipment shall be brand new with state of the art technology and proven field track record. No prototype equipment shall be offered.

b. Vendor shall ensure availability of spare parts and maintenance support services for the offered equipment for at least 15 years from the date of supply.

Vendor shall give a notice of at least one year to the end user of equipment before phasing out the product spares to enable the end user to place order for spares and services.

The vendor shall be responsible for design, engineering and manufacturing of the complete actuator to fully meet the intent and requirements of this specification and attached data sheets.

7. SITE AND SYSTEM CONDITIONS

The electrical motor operated valve actuators shall be suitable for operating under site conditions and system conditions as specified in the requisition and data sheet. If not specifically mentioned therein, a design ambient temperature of 50°C and an altitude not exceeding 1000m above mean sea level shall be considered.

8. POWER SUPPLY:

The electrical motor operated valve actuators shall be suitable for power supply at 3-Phase 415 V (± 5%) AC 50 Hz at SRS.

9. INSPECTION, TESTING AND ACCEPTANCE

a. The equipment shall be subjected to inspection by Owner and by reputed Third party agency such as BVQ/Lloyd/DNV/EIL authorized by the owner. Manufacturer shall furnish all necessary information concerning the supply to Owner's inspector. During the course of manufacturing, the purchaser or his authorized representative shall be free to visit the works and assess the progress of work and the manufacturer shall render him all possible assistance to do so.

b. Routine and acceptance tests shall be carried out at the manufacturers' works under his supervision and at his own cost. Two weeks' notice shall be given to Owner for witnessing the final testing of the complete assembly to ensure satisfactory operation of the MOV actuators. Type test certificates shall be furnished with bids. Final acceptance of MOVs at site shall be subject to successful testing of the MOV actuators with the valves.

c. Type test certificates, original drawings referred in certificates and statutory approval certificates and BIS license, where applicable, shall be shown to the inspection agency on demand. The certificates and BIS license must be valid at the time of dispatch.

d. Test certificates of bought-out components shall be shown to the inspection agency on demand.

10. PACKING AND DESPATCH

All the equipment shall be divided into multiple sections for protection and ease of handling during

g transportation, the equipment shall be properly packed for the selected mode of transportation, i.e. by ship, rail or trailer. The equipment shall be wrapped in polythene sheets before being placed in crates/cases to prevent damage to finish. The crates/ cases shall have skid bottoms for handling. Special notations such as 'Fragile', 'This side up', 'Center of gravity', 'Weight', 'Owner's particulars', 'PO no.' etc. shall be clearly and indelibly marked on the packages together with other details as per purchase order. The equipment may be stored outdoors for long periods before installation. The packing shall be completely suitable for outdoor storage in areas with heavy rains and high ambient temperature unless otherwise agreed. In order to prevent movement of equipment/ components within the crates, proper packing supports shall be provided. A set of instruction manuals for erection & testing and commissioning, a set of operation and maintenance manuals and a set of final drawings shall be enclosed in a waterproof cover along with the shipment.

Note: Bidder has to fully read and understand the scope of job, technical specifications, special terms & conditions. Bidder in his own interest is advised to inspect the valves before quoting for the job, no payment shall be made for this visit. Supplied Items not meeting Tender Specifications will not be accepted under any circumstances.

Technical Specifications

1. TECHNICAL SPECIFICATIONS:

The scope of this specification covers design, manufacture, assembly, shop testing and supply of Non-Intrusive Type Intelligent electrical actuators intended for fully opening and closing valve duty.

- a. Each MOV actuator shall include the motor, actuator unit, gears, position indicators, limit switches, hand wheel, terminal box etc. as a self-contained unit. The actuator shall be sized to provide adequate torque and/ or thrust to ensure the complete intended travel of the valve under the worst operating and electrical power supply conditions.
- b. Actuators to be supplied to be suitable for both Local & Remote operation from SCADA system along with Handwheel provision for manual operation.
- c. The actuator shall be capable of driving the valve from fully open to fully closed and vice versa, within the specified time limits, against the maximum differential pressure acting across the valve as per the class/rating of valve.
- d. The vendor on whom the order is placed shall be responsible for the mechanical compatibility and provision of mechanical coupling between the valve and actuator. The actuator shall be fully compatible with the valve with regard to torque / thrust figures, inertial stresses on the valve stem and mechanical stresses on the valve.
- e. The following local control devices shall be provided integral with the MOV actuator:
 - i. Push buttons for 'Opening/ Closing/ Stop' or alternatively 'Open/ Close' selector switch
 - ii. 'Local/Off/ Remote' selector switch, pad-lockable in each position
 - iii. Local continuous position indication from 'Valve fully open' to 'Valve fully closed' position, which may be of analogue or digital type using mechanical indication/ Indicating lamps/ LEDs.
 - iv. Graphics display window shall be vertically upright after assembly over the valve
 - v. Alarms like Torque Trip/ Phase Lost/ Valve Jammed should appear on the display window of the Actuator.
 - vi. The window shall be provided with environmental cover to protect the display from high levels of UV

radiation or abrasive materials.

vii. Indication lamp/LED for valve position to be provided showing OPENED and CLOSED position

2. Motor :

i. The motor shall be suitable for 3-Phase 415V AC ,50 Hz Supply for SRS. It shall have totally enclosed non-ventilated construction.

ii. The motor shall be designed for valve actuator service with high starting torque and shall be suitable for Direct on line starting. It shall be rated for S2-15 minute duty and shall conform to IS 325 or equivalent international standards.

iii. The motor shall be provided with thermostat embedded in the hotspots of motor winding for protecting the motor.

iv. The motor shall be able to operate the actuator at 75% of rated voltage.

v. The motor shall have "F" insulation with temperature rise limited to class B Limits. Motor winding shall be treated to resist corrosive agents and moisture.

3. Torque and Travel Limit Switches:

Torque limit switches shall be provided to protect the motor from over-loading by cutting-off the power supply to motor during opening and closing operations. The limit switches shall be preset. However, it shall be possible to set the value of maximum torque during closing from 50% to 100% of rated torque of actuators. Travel limit switch shall be provided to cut-off the power supply to the motor at the end of preset limit of valve travel. The switches shall be provided with requisite number of potential-free contacts for valve actuator operation and for indication on remote panels as specified in data sheet.

4. Control Facilities

The internal controls and monitoring circuits shall be incorporated within the integral starter along with transformer and control unit of valve actuator. The remote control circuits shall be powered from internally derived control supply voltage, unless the use of external supply for remote control is specified in data sheet. In order to cater to remote control and indication requirements for 'Position of Remote/ Local/ Off selector switch', if specified in the data sheet, an additional Monitoring relay/ auxiliary relays shall be provided as a part of the valve actuator. As an alternative, a common status contact indicating the availability of the MOV actuator for remote control may be provided by monitoring the following: -

- i. Loss of control circuit supply
- ii. Selector switch in local mode
- iii. Local stop push button set to Off
- iv. Motor thermostat tripped
- v. Any other local fault/abnormal condition.

5. Hand Operation

A hand wheel with hand/ auto lockable lever shall be provided for emergency operation of the MOV. The energisation of the motor shall automatically re-engage power operation.

6. Remote Position Indicator

A 4-20 mA remote position transmitter shall be provided in the valve actuator and a continuous position indicator for mounting in purchaser's remote panel shall be supplied as a loose item. The remote position indicator shall continuously indicate the position of travel of the valve.

7. Nameplate

- a) Each motorized valve actuator shall be provided with a stainless steel nameplate furnishing the following details, attached firmly to it at a place convenient for reading:
- b) Actuator tag number as per data sheet, Make, Model
- c) Motor kW rating, motor time rating, motor supply voltage, nominal motor phase current, auxiliary switch rating, Rated Torque, Speed (rpm)
- d) Maximum torque setting
- e) Actuator enclosure type, lubricant type
- f) Actuator type, wiring diagram number/ catalogue number, actuator serial number.

A separate nameplate shall be provided for hazardous area application.

8. Wiring and Terminals

- a) All devices provided in the actuator shall be wired up to the terminal block. The contacts for remote operation and indication shall also be wired up to the terminal block. Minimum 10% spare terminals shall be provided for future interlocks. Internal wiring for power and control circuits shall be appropriately sized for MOV actuator rating. Each wire shall be identified at both ends using PVC ferrules. The terminal compartment shall be separated from the inner electrical components of the actuator by means of a watertight seal so that the actuator electrical components are protected from the ingress of moisture and foreign materials when the terminal cover is removed during installation and maintenance.
- b) Vendor shall be solely responsible for the compatibility of the MOV actuator with the valve and for the selection and sizing of various electrical devices and components in the actuator.
- c) The actuator shall be provided with minimum three adequately sized cable entries viz., one for power cable and two for control cables. Suitable double compression cable glands shall be provided with each actuator for all cable entries and sealing plugs for all control cable entries. The cable glands and plugs shall be made of Nickel-plated brass.

9. EQUIPMENT FOR CLASSIFIED HAZARDOUS AREAS

- a) Actuators meant for hazardous areas shall meet the requirements of IS 2148, IEC79 or equivalent international standards.

ernational standards and shall be suitable for Gas groups and Temperature class as specified in the data sheet. Gas group IIB and Temperature class T3 shall be considered if not indicated in data sheet. The manufacturer shall possess valid test certificates issued by a recognized independent test house (CMRI/ BASEEF A/ LCIE/ UL/ FM or equivalent) for the offered actuators. All indigenous equipment shall conform to Indian standards and shall have been tested and certified by Indian testing agencies. All equipment (indigenous and imported) shall also have valid statutory approvals as applicable for the specified hazardous locations from CCE or any other applicable statutory authority. All indigenous flameproof equipment shall have valid BIS license and corresponding marking as required by statutory authorities.

b) Apart from the nameplate indicating the Tag No., a separate nameplate shall also be provided on each actuator to indicate the details of the testing agency (CMRI or equivalent), test certificate number with date, statutory approval number with date, approval agency (CCE/ DGMS or equivalent, BIS license number with date, applicable Gas group and Temperature class etc. The nameplates shall be riveted/ fixed with screws and not pasted, in case any of the standard details listed above are embossed on the enclosures, the same need not be repeated.

10. CODES AND STANDARDS

a) The equipment shall comply with the requirements of latest revision of the following standards issued by BIS (Bureau of Indian Standards) unless specified otherwise:

IS 5 Colors for ready mixed paints and enamels

IS 325 Three-phase Induction Motors

IS 2148 Flameproof enclosures for electrical apparatus

IS 4691 Degrees of protection provided by enclosure for rotating electrical machinery

IS 4722 Rotating electrical machines- Specification

IS 9334 Electric In case of Motor Operated Actuators

IS 13947 Low Voltage Switchgear and Control gear Parts-1, 3, 4 & 5

For imported equipment, the standards of the country of origin shall be applicable if these standards are equivalent or more stringent than the applicable Indian standards.

b) The equipment shall also conform to the provisions of Indian Electricity Rules and other statutory regulations currently in force in the country.

c) In case Indian standards are not available for any equipment, standards issued by IEC/ BS/ VDE/ IEEE/ NEMA or equivalent agency shall be applicable.

In case of a contradiction between various referred standards/ specifications/ data sheets and statutory regulations, the following order of decreasing priority shall govern:

- Statutory regulations
- Data sheets
- Job specifications

- This specification
- Codes and standards.

DATA SHEET FOR MOV ACTUATOR

For SRS (3 Phase Actuator):

1. SITE CONDITIONS

- a) Altitude : Less Than 1000 m
- b) Design Ambient Temperature : 50 Deg. C
- c) Humidity : Normal
- d) Climate : Moderate
- e) Project Site : VVSPL-Secunderabad Receiving Station
- f) Power Supply : 3 Phase 415V AC Supply,50 Hz

2. SYSTEM CONDITIONS

- a) Supply Voltage : 3-Phase 415V AC
- b) Supply Frequency : 50 Hz

3. Operating Environment

- a) Area Classification : Zone 1
- b) Gas Group : IIA/IIB
- c) Temperature Class : T3
- d) Construction : Flameproof Ex(d)
- e) Ingress Protection : IP68
- f) Painting : SYSTEM 01/RAL 9006

4. Valve Duty ,Mode of Control and Devices for Control

- a) Valve Duty
 - i. Fully open and fully closed : Yes S2-15 minutes rated
 - ii. Partially Open and Partially Closed : No
- b) Control Requirement : Local & Remote for all MOVs
From PLC
- c) Local / Remote / Off Selector : Required
Switch on MOV Actuator
- d) Setting Tools : IrDa/Bluetooth with easy Configurable interface

5. Continuous Position Indication :

- a) Local Display : LCD display , LED Indication
Required
- b) Remote Potentiometer / Transducer for : Required
Remote continuous indication
- c) Intermediate Travel Limit Switch : Required
- d) Data Logging Facility : Facility to log events & alarms is required.

6. Potential Free Contacts for Indication on remote panel & Other Interlocks

- a) For Valve Open Position : Required
- b) For Valve Closed Position : Required
- c) For remote indication of position of Local/Remote selector switch : Required
- d) For Availability of MOV Actuator for remote Operation
(Contact from Monitoring Relay) : Required
- e) For Indicating Valve Operation in Progress : Not Required
- f) Remote Emergency Push Stop : Facility for wiring remote emergency stop button for stopping actuator PB shall be provided in the actuators
- g) DCS Interface for Remote : Remote Control Requirement shall be control / indication as per Cl.4. b above / Remote indication
- h) Maximum Time Of Operation : Similar to existing Actuators ,mentioned in Clause:5 of Attachment-I
- i) Double Compression Cable Glands and Plugs for unused entries (To be supplied with Actuator)
: Flameproof & WP Type
- j) Actuator Feedbacks (Remote/Local ,Open,Close) : Potential free Contacts shall be there in the actuator to give feedback during power-off condition. There should be Remote/Local monitoring relay which give

s feedback during power off condition as Local even though the selector switch is in remote mode.No additional control supply shall be given for the same, feedback should be available through potential free contacts.

a. Communication Channel : offered Actuator should be compatible to support any protocol for future requirement with additional card.

7. Test & Approval Certificates for Flameproof Actuators to be submitted.

a. For Indigenous make MOV Actuators : Refer Clause No: 9 of Attachment-I

b. For Imported make MOV Actuators : Refer Clause No: 9 of Attachment-I

Note : Above Technical Specifications shall be common for all Actuators to be supplied unless mentioned specifically. Mechanical Specifications such as Torque, Speed, Power ratings,etc shall be ensured by vendor as to be compatible with valve to replace existing Actuator.

SPECIAL TERMS AND CONDITIONS

1.The rate for supply of Actuators should include the following strictly as mentioned on the SOR:

(i) Supply of new Actuators

(ii) Inspection Charges.

(iii) Transportation, loading, unloading of new Actuators to the addresses mentioned in *Attachment-I(Scope of Job)*

(iv) Installation & Commissioning at site including removal of old actuator.

(v) Third Party Inspection

2. Bid Qualification Criteria: Refer Attachment-V (BQC)

3. GUARANTEE/WARRANTY Period: Vendor has to provide replacement warranty for 12 months from date of supply against any manufacturing defect and have to submit original warranty certificate along with dispatch documents. Supplies shall be fully guaranteed against any manufacturing defects/ poor workmanship / inferior design or quality etc. for a period of 12 months from the date of commissioning. During this period, vendor will replace/repair any defective part of supplied actuator or replace the complete set if required.

4. **Performance Guarantee (PBG):** The party shall submit PBG of amount of 5 % of the total P.O. value which shall be valid up to the expiry of the defect liability period. Supplies shall be fully guaranteed against any manufacturing defects/poor workmanship /inferior design or quality etc. for a period of 12 months from the date of commissioning. During this period the party will arrange to repair/replace any defective part at free of cost or replace complete set if required. PBG is to be issued by any Nationalized Bank only (other than co-operative banks). The PBG should be given well in advance failing which 5 % will be held from payments due to the vendor until the expiry of the warranty period.

5. Freight : Party shall arrange for transportation of material to addresses mentioned in Attachment-I and must include the charges for same in the bid.No extra payments will be made in this regard.

6. Taxes & duties: Party to clearly mention applicable GST. The rates quoted by the party shall include all the taxes like Excise, VAT, CST, Octroi, Service tax etc., freight & Insurance. No Other charges will be paid by HPCL other than the quoted rates.

7. THIRD PARTY INSPECTION AND TEST CERTIFICATES : Material shall be inspected by third party as per the specifications of the tender. Third party inspection by M/S EIL / Lloyds / DNV/ Bureau Veritas is acceptable

to us. Arrangement for third party inspection is in the scope of the supplier. Party has to quote considering third party inspection charges accordingly. Party has to submit the necessary test certificates and third party inspection release note before the dispatch of the material. Installation manuals, maintenance manuals and wiring diagram shall also be submitted.

8. TRANSIT INSURANCE: Party shall carry out the transit insurance of the dispatch material up to the delivery point. Same to be considered in the bid. No extra payment will be made by HPCL.

9. MANUALS: Vender shall provide two sets of manuals covering detailed description of the system with drawings, preventive schedule maintenance and troubleshooting charts.

10. Before and after installation / commissioning tests shall be carried out at the site to HPCL's satisfaction.

11. In case party fails to execute the order placed, HPCL shall get the job done / material supplied through separate agency at party's risk & cost.

12. HPCL reserves the right to reject offers not meeting its Technical requirements and commercial conditions.

13. The existing Actuator has to be removed and to be replaced by new one. Old Actuator and Gear Box are to be kept at respective stations.

14. Contractor shall not be entitled to sublet, subcontract or assign the work against order placed without HPCL's consent in writing.

15. All necessary tools, tackles and manpower for carrying out the job are to be arranged by contractor. HPCL Scope of supply will be limited to water & Electricity required at the site. Contractor shall provide safety wares including safety shoes, gloves, helmets etc. to persons working under him.

16. The contractor should comply with all the safety and security regulations and other statutory rules applicable in the HPCL locations. In the event of any damage caused to non-observance of such rules / regulations the contractor shall be solely responsible for the same and shall keep HPCL indemnified against all losses and claims arising from the same.

17. The Contractor should take all the necessary care and precaution to avoid any damage to the HPCL property. In case of any damage, the value of the same shall be recovered from the contractor's bill.

18. The contractor shall agree to keep HPCL indemnified and save HPCL harmless from any claims whatsoever inclusive of damage / costs or otherwise arising from injuries to or death of person whatsoever or damages or alleged damages to property.

19. Party shall solely be responsible for its personnel and the job carried out by them. Vendor shall take suitable insurance for any contract workman deployed for carrying out the jobs.

20. In case the job is found to be unsatisfactory, HPCL reserves the right to cancel the PO at any point of time. This clause overrides any other clause, what so ever, in the PO.

21. **Delivery Period: Within 22 weeks from the date of placement of Purchase Order which is inclusive of HPCL's Inspection, Installation & Commissioning of Actuator at the respective site premises. Date of Successful commissioning of Actuators at respective sites will be considered as job completion date. Actuators shall be installed within 1 week from the date of intimation of availability of shutdown of the equipment.**

22. LIQUIDITY DAMAGES: In case of any delay in delivery in the supply of the same. For all reasons attributable to the party, A sum equivalent to 0.5 percent of the undelivered quantity/contract value for every week

k or part thereof of the delay, subject to a maximum of 5 percent of the total contract value shall be charged.

23. Vendor shall visit sites on their own interest for better understanding of job. No reimbursement will be provided by M/s HPCL.

24. Party shall restore the site to its original condition and leave the place neat and tidy post completion.

25. Vendor shall submit technical brochure of actuator offered, relevant schematic diagram indicating internal, external connections and component layout, Type test certificates for HPCL's approval at the time of tender submission.

26. Bidder must be having a valid authorization certificate from OEM of Actuator which are intended to supply

27. Firm Price:

Rates quoted by the party shall be valid till completion of entire Scope of job and vendor shall keep HPCL indemnified. Request for revision in prices will not be entertained. Price quoted shall be in INDIAN RUPEES.

28. Payment Terms: e-payment will be within 15 days of receipt of invoice along with all below mentioned supporting documents after successful completion of job as per tender scope.

Party should submit the following documents for payment:

Invoice , Test reports, Delivery Challan

Manufacturing Test certificates, Technical Brochures of Actuators

Performance Test Certificates

Guarantee Certificates for a period of 1 year from the date of Commissioning.

Third Party Inspection Certificates, Test certificates, original drawings referred in certificates and statutory approval certificates and BIS license

Installation manuals, maintenance manuals and wiring diagram, preventive schedule maintenance and troubleshooting charts.

29. **During warranty period if any faulty spares/cards/components are not repaired/ replaced within 48 hrs.** M/s HPCL will replace faulty components against your PBG/ Retention Money.

30. DOCUMENTATION & TRAINING

To be submitted after award of Contract

- a) Technical catalogue for field units.
- b) Wiring diagram.
- c) MCS - General Arrangement drawing.
- d) Installation, operation and maintenance instructions.
- e) Hazardous area certification.
- f) Type test certificates.

- g) Routine test certificates.
- h) Spares List
- i) Valve/actuator assembly drawing with weight
- j) Mechanical and test reports
- k) Sizing calculations
- l) Response Time Calculation
- m) Production Schedule
- o) Inspection & Test Plan

Original and five copies of Maintenance & Operating Manuals are required to be submitted by the vendor. Vendor must also provide to the workmen on maintenance ,operation and preliminary troubleshooting of Actuators.

31. The Actuator shall be **of Biffi / Rotork/Auma India or any approved make by HPCL.**

32. Contact Details: All the correspondence regarding Technical matters, Inspections shall be addressed to :

Sh. Shubham Gupta, Manager- Operations

Ph. 7895617029, Mail ID: Shubham.Gupta@hpcl.in

BIDDER QUALIFICATION CRITERIA

Financial Criteria:

As per bidder's audited financial statements, bidder should have an average financial turnover of at least 2.32 Lacs during the last 3 financial years ending 31-03-2025 of value 2.32 lakhs for NON MSE & 1.97 Lakhs for MSE bidders

In this regard the vendor has to submit Audited Financial statements for last 3 immediately completed financial years i.e., 2024-25, 2023-24 and 2022-23. While computing the annual turnover, other income shall not be considered.

Average turnover shall be determined by summing up the annual turnover of each financial year and dividing the sum by three. In the event a bidder does not have turnover in any one or two of the years of the submitted financial years, the turnover for that / those years shall be taken as Nil and the average turnover will be calculated by considering the denominator as 3 years - to determine the conformity to the turnover criteria.

2. Technical Criteria:

Applicants shall have experience of having successfully carried out and completed similar work during the last 7 years ending **31.01.2026**, which experience shall be **of value 3.08 Lakhs for NON MSE & 2.62 Lakhs for MSE bidders**

Definition of similar work:

Note : Similar work means Supply of Actuators including installation & commissioning at site to Public Sector or Undertaking.

Bidder shall submit both work order/purchase order & corresponding work completion certificate as proof of same.

Criteria for prior experience and prior turnover (BQC) will be relaxed by 15% for Micro and Small Enterprises subject to meeting the prescribed quality and technical specification of the tendered items/services.

Note:

1. Both the above criteria Technical and Financial shall be met for qualification of bidder.
2. In case the bidder fails to submit the documentary proof pertaining to the criteria mentioned above, the bid will be rejected. In regard to submission of documents as a proof for qualifying in BQC, no queries shall be raised seeking new documents and only documents submitted along with the unpriced bid shall be taken into account. However, clarification on already submitted documents can be sought through queries if required.
3. Bidder shall submit the following additional documents along with their unpriced bid.
 - a. Fully filled and duly signed; stamped copies of all applicable annexures attached with the tender.
 - b. Copy of Vendor GST Registration certificate.
 - c. Copy of Vendor PAN card
 - d. Copy of EPF and ESIC registration certificate
 - e. Copy of UDYAM Certificate

अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.

10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---