



निविदा सूचना  
**TENDER ENQUIRY**

भारत हेवी इलेक्ट्रिकल्स लिमिटेड, हीप, हरिद्वार - 249 403 भारत

**Bharat Heavy Electricals Ltd. HEEP, HARIDWAR-249 403 INDIA**

AA-17001(A)

Phone: (9091) (01334) 227350-227356 (7 Lines) & 228350-51 (2 Lines) •Telefax (0091) (01334) 226462 & 223948

GSTIN NO 05AAACB4146P1ZL

निविदा सूचना सं. ENQUIRY NO. \*

09Q E/ E243/1/0822Q2

दिनांक Date 15-03-2022

कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

M/S. OPEN TENDER

DUE DATE

06-04-2022

BHEL

HARIDWAR249403

Vendor Code

00001

INDIA

XXXXX

SL	MATERIAL CODE ITEM DESCRIPTION	QUANTITY	UNIT	LOTNO	LOT DELIVERY QTY SCHEDULE
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1	W90426300106 DRG: 32630301007 REV: 07 GUN METAL GATE VALVE NB50 AS PER DRAWING NO. 32630301007 ITEM NO.5	6	NO	1	6 31/05/22
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2	W90429900015 DRG: 42998801013 REV: 01 PETCOCK 1/2"B.S.P. AS PER DRG NO.42998801013 ITEM NO.1	10	NO	1	10 31/05/22
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\*\* IMPORTANT: This enquiry is 2 part tender. Techno-Commercial bid (Part-1) & Price Bids (Part-2) should be submitted in separate envelopes. These two envelopes should be submitted in a common sealed envelope. Techno-Commercial Bid shall contain detailed Technical Specification, Drawings Technical documents, Catalogues, taxes & duties, payment terms, delivery period, Validity of offer, Replica of Price Bid (Copy of price bid without price part) etc. The confirmation to the special terms & conditions must be submitted alongwith Techno-Commercial bid.

Standard Instructions:

TEST CERTIFICATE REQUIRED.

GUARANTEE CERTIFICATE REQUIRED.

PRE-INSP AT YOUR WORKS PRIOR DESP.

BASIC RATES, TAXES & DUTIES SEPERATELY

OPERATION/MAINT MANUAL ALONGWITH EQPT.

Special Instructions:

As per detailed NIT.

General Instructions:

Please visit our site [www.bhelhwr.co.in](http://www.bhelhwr.co.in) for latest version of General Instructions and Standard Terms & Conditions (GISTC) for Tender Enquiries. All the bidders/vendors must ensure compliance of latest GISTC. Terms & Conditions printed overleaf of this Standard Tender enquiry format are null & void.

Page No 1

0008000

\*महत्वपूर्ण: कृपया कोटेशन देने से पूर्व [www.bhelhwr.co.in](http://www.bhelhwr.co.in) की साईट पर सामान्य निर्देश और टर्म व कंडीशन का अवलोकन करें।\*

Important : Please refer Enquiry GISTC on [www.bhelhwr.co.in](http://www.bhelhwr.co.in) for applicable Terms & conditions before quoting."



**निविदा सूचना**  
**TENDER ENQUIRY**

भारत हेवी इलेक्ट्रिकल्स लिमिटेड, हीप, हरिद्वार - 249 403 भारत

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GSTIN NO 05AAACB4146P1ZL

निविदा सूचना सं. ENQUIRY NO. \*

09Q E/ E243/1/0822Q2

दिनांक Date

15-08-2022

कृपया निम्नलिखित के लिए निविदा दें। PLEASE QUOTE FOR THE FOLLOWING :

MATERIAL CODE	QUANTITY	UNIT	LOTNO
ITEM DESCRIPTION			

For this procurement, Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017 & 28.05.2018 and subsequent Orders issued by the respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of contract / PO / WP against this NIT.

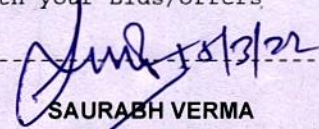
In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable.

Default purchase preference under Make in India order shall be 20% to suppliers with default minimum local content of 50% for all items / works / services.

For further details, please refer latest version of GISTC.

Procurements where the Estimated value to be procured is less than Rs. 5 lakhs shall be exempted from Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017 & 28.05.2018

Kindly produce GeM seller Id with documentary proof along with your Bids/offers for case Value more than 25 Lacs.



SAURABH VERMA  
SR. ENGINEER/PPX-EM

0008001



**BHARAT HEAVY ELECTRICALS LIMITED  
HEEP HARIDWAR INDIA-PIN 249403  
PHONE NO: +91 1334-28-5021**

**Sub: GLOBAL OPEN TENDER (GUN METAL GATE VALVES & PETCOCK)**

Dear Sir/Madam,

The Heavy Electricals Equipment Plant (HEEP) located at Haridwar, India is one of the major manufacturing plants of Bharat Heavy Electricals Ltd. The core business of HEEP includes design and manufacture of large steam and gas turbines, turbo generators.

**Two Part Bids are invited on NIC Portal for the supply of the following items.**

Sl. No.	Tender No.	Item Description	Qty. (NOs)	Last date to get documents from BHEL	Opening date & time
1.	<b>09Q E/E243/2021/0822Q2</b>	MATERIAL CODE: W90426300106 Gun Metal Gate Valves NB50 Drawing no. 32630301007 Rev-07 Item no. 5	06 Nos	07/04/2022 (up to 13.45 Hrs.)	07/04/2022 (at 14: 00 Hrs.)
2.		MATERIAL CODE: W90429900015 Petcock ½" B.S.P. Drawing no. 42998801013 Rev-01 Item no. 1	10 Nos		

Tenders will be received up to 13:45 Hrs. (IST) on opening date and opened on the same day at 14:00 Hrs. (IST) through **BHEL NIC portal** i.e. <https://eprocurebhel.co.in/nicgep/app>. This notification shall not be published in Indian as well as International Newspaper. **Please note that tender received after due date & time will not be opened.** BHEL will not be responsible for any type of delay in submission of offer.

- The tender documents can be downloaded from **Govt. NIC Portal** i.e. <https://eprocurebhel.co.in/nicgep/app> as well as from our web site [www.bhel.com](http://www.bhel.com) or [www.hwr.bhel.com](http://www.hwr.bhel.com). Tenderers can get relevant specifications & drawings of the above items prior to due date against copy of FCA in soft copy by email to [saurabhv@bhel.in](mailto:saurabhv@bhel.in) &/or [puneet.krishna@bhel.in](mailto:puneet.krishna@bhel.in). However, original must be submitted with Part-I bid.
- FCA is required to be signed & stamped on every page after filling relevant details.
- BHEL may load maximum penalty under LD clause, to the extent the same is not agreed by the vendor, for the purpose of comparative statement. Where deliveries quoted by the vendor are not suiting, BHEL may also ignore the offer of the vendor.
- The bids shall be submitted in two parts, as described below, on or before the due date. Part-II (price bid) of qualified bidders, shall be opened at a later date.
  - Part I – Pre-qualification requirement (Annexure-A), tender fee Rs. 2,000/- (if hard copy of tender related documents is provided to bidder), FCA (Annexure-E), BHEL GISTC (Annexure F), Techno - Commercial Bid and replica of price-bid (without price).
  - Part II – Price Bid in enclosed BOQ Format (mention unit price in figures & words).
- Offers of only those vendors who fulfill the Minimum/Pre Qualifying Requirements & Quality Requirements (as per Annexure-A) will be considered for further technical evaluation.
- Deviation with reference to specification/drawing, if any, should be clearly indicated on a separate sheet.
- Other cross referred documents can be obtained by email to [saurabhv@bhel.in](mailto:saurabhv@bhel.in) &/or [puneet.krishna@bhel.in](mailto:puneet.krishna@bhel.in). Amendments/Corrigendum, if any, will be hosted on our web site only. Other terms and conditions will be as per tender documents.

- **The total quantity may undergo change at the time of ordering.** The details of each item with required deliveries are given in **ANNEXURE-D (Details of Items)**.
- Vendors must fulfill **Pre Qualifying Requirements (Annexure-A)** and **Quality requirement (Annexure-B)** as mention in NIT. Please confirm to submit clause wise compliance of PQR (annexure-A). Offers of those vendors who fails to provide documents/clarifications/fulfill the PQR, after part-1 opening shall be liable for rejection & informed thereupon.
- Prices are to be written in both figures & words. In case of any difference between the two, the figure written in words shall be considered for Evaluation. No over writing shall be applicable in that case.
- BHEL reserve the right to reject any or all the bids/Quotations without assigning any reason thereof. BHEL also reserve the right to increase or decrease the tender quantity. bidders should be prepared to accept order for reduced quantity without any Extra charges.
- Amendment/corrigendum, of any, will be hosted on our website only. Other terms and conditions shall be as per tender documents.
- Revision of rate is not acceptable unless asked by BHEL due to major change in drawing/specification/tender quantity.
- This requirement is divisible in nature material code wise, hence quantity distribution in any respect such as MSE Vendors benefit shall be applicable as per extent rule.
- Since case value is less than 5.0 Lacs, this case shall be exempted from all the clause of Make in India dtd: 16.09.2021 and subsequent order(s).
- Since case value is less than Rs. 5.0 Lacs, EMD shall not be applicable for this case.

**1. Indigenous Supplier:**

Please quote your rates on FOR Door Delivery basis. However, the insurance will be arranged by BHEL. You can dispatch goods through any Indian Bank Association approved transporters having their branch at Haridwar/destination. For your convenience the names and addresses of transporters approved by IBA & BHEL are posted at our hwr.bhel.com website. If any bidder still quotes on other than FOR destination basis, then his offer will be loaded by the maximum freight, packing & forwarding charges quoted by any other bidder from the same or nearby station, against the enquiry/freight rate available with BHEL.

**2. Foreign suppliers:**

- (A) **SEA CONSIGNMENTS:** Please quote your rates with both the options (a) FOB / FAS dispatching port & (b) C&F Landing Port. However, the order shall be placed on C&F / CIF basis.
- (B) **AIR CONSIGNMENTS:** Please quote your rates with both the options (a) FCA dispatching Airport & (b) CPT Landing Airport.

• **Treatment of offers submitted by agents in OT –**

1. Either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/supplier could bid directly but not both.
2. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored.
3. The agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender.

- The authorization letter from the manufacturer, clearly indicating contact details like Name, E-mail & address of manufacturer and relationship with agent and its validity to be submitted with bid. The authorization letter should be tender specific. In case order is to be placed and executed by the agent, the following aspects are to be ensured:

- (a) The manufacturer should meet the PQR requirement as defined in the tender.
- (b) In order to establish capability of agent to execute the order, the agent should have annual turnover of at least equal to the estimated value of the goods required under the subject tender during one Financial Year and the Net worth of the bidder(agent) should be positive.

- (c) Manufacturer and bidder should Jointly confirm Guarantee for the Quality of product and timely delivery as stipulated in the NIT.
- BHEL will deal directly with the manufacturer and no correspondence with the agents will be entertained. The agents will not be permitted to visit/interact with BHEL on behalf of their principals. Subsequently also, no correspondence of any type will be made with any agents (all individuals/companies– representative/adviser/retainer ship basis or claimed to be part time employees for many OEMs / claiming to be channel or business partner for BHEL work/stockiest not registered specifically etc. are agents) The bidders (originals manufacturers) will have to submit ink-signed offer/bid in original directly to BHEL. In case the bid is submitted by fax / email, the bidders shall simultaneously ensure submission of ink-signed original bid to BHEL also in the manner prescribed in this tender. However, the suppliers or their authorized person may be allowed to attend the tender opening, if duly authorized by their principals, through a specific letter for a particular enquiry for specific price bid opening on that particular day. General authorization letter is not acceptable.
  - E-invoicing under GST is being implementing w.e.f. 01.04.2021 for all the taxable persons having turnover more than Rs 50 cr. It has been specified by the govt. That it is mandatory to mention a valid unique invoice reference no. (IRN) and QR code as generated from govt. Portal on a tax invoice. Based on such information, GST ITC as claimed by BHEL in GST returns shall be matched with the corresponding details uploaded by supplier in e-invoicing system.
  - In case the vendor / contractor delays or fails to provide all documents as per the purchase order / work order at the time of submitting tax invoice to BHEL, any subsequent financial loss to BHEL on account of vendor/contractor shall be to vendor's / contractor's account. BHEL has further right to take necessary steps to protect its interest at the time of release of payment. This further requires inclusion of IRN and QR code on tax invoice as announced by govt. Of india w.e.f. 01.04.2021.
  - In case of any deviation from GISTC Rev-06, please clearly mention in your offer. BHEL reserve the right for non-consideration of offer in case of deviation from GISTC.
  - The evaluation currency for this tender shall be INR, however quotations may be submitted in multiple currency i.e. in INR/EUR/JPY/USD only.
  - Revision of rates is not acceptable unless asked by BHEL due to major change in drawing / specification / tender quantity.
  - MSE\*\* Suppliers can avail the intended benefits only if they submit along with offer, attested copies of either EM II certificate having deemed validity (Five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or EM II certificate along with attested copy of CA certificate (Format enclosed as per Annexure - 3 where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bids at par with other bidders and MSE status of such suppliers shall be shifted to Non MSE supplier till the supplier submits these documents. If the tender is to be submitted through e-procurement portal, then the above stated documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazetted Officer.
  - MSE benefits will be given only to those MSE Vendors who are manufacturers of offered items against the NIT. **No MSE benefits shall be provided to Agents / Stockists / Dealers / Traders etc. for the items offered but not manufactured by themselves.**
  - Interested bidders must submit complete offer on or before due date through NIC portal.
  - **Standard instructions-**
    1. Test certificate as per BHEL specification / Drawing Required.
    2. Guarantee certificate as per BHEL specification / Drawing required.
    3. Pre-Inspection by BHEL Nominated Inspection Agency BVIL/TUV is required.
    4. Basic rate, taxes & Duties separately.

5. Operation / Maintenance Manual along with Equipment.

• **Documents with this tender attached are: -**

1. Pre-Qualification requirement (Annexure-A).
2. Quality Requirements (Annexure-B).
3. Instruction to bidders for bid preparation (Annexure-C).
4. Item Detail and delivery schedule (Annexure-D).
5. Framework Confidentiality Agreement FCA (Annexure-E)
6. General Term and condition (GISTC) applicable for this tender(Annexure-F)

• **All correspondence therefore, shall be addressed to the following persons: -**

Unregistered vendors may avail the soft copies of relevant specification and drawing by submitting the endorsed copy of attached FCA to either of the following contacts / e-mail IDs:

<p><b>Mr. Saurabh Verma</b> <b>Designation: Sr. Engr. (PPX-EM)</b> 4<sup>th</sup> Floor, Main Administrative Building HEEP, BHEL Hardwar- 249403 Uttarakhand, India <a href="mailto:saurabhv@bhel.in">Email ID: saurabhv@bhel.in</a> Tel: +91 1334 28 5021 Mob- 8191004097</p>	<p><b>Mr. Puneet krishna</b> <b>Designation: Dy. Engr. (PPX-EM)</b> 4<sup>th</sup> Floor, Main Administrative Building HEEP, BHEL Hardwar- 249403 Uttarakhand, India <a href="mailto:puneet.krishna@bhel.in">Email ID: puneet.krishna@bhel.in</a> Tel: +91 1334 28 4080 Mob- 9627355380</p>
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For any further details please log on to [www.bhel.com](http://www.bhel.com) or [www.etenders.gov.in](http://www.etenders.gov.in) or [www.hwr.bhel.com](http://www.hwr.bhel.com)

## Annexure-A

**Mandatory Pre-Qualification requirements for Gun metal gate valve**  
**Material codes W90426300106, W90426300017**  
**Indent 20210822**

**Vendor  
Compliance**

**Mandatory requirement for Pre-Qualification**

**1.0 Experience Requirement -**

The Vendor should be a regular manufacturer of gun metal gate valve and Vendor should have supplied at least five Nos (5) of gun metal gate valve in last Five (5) years (from the date of issuance of enquiry) with following technical details –

Si no.	Product features	Details
1.	Valve Type	Rising stem type conforming to IS-776 or similar
2.	Body, Bonnet & Wedge	Material Leaded Tin Bronze To IS:318-1891-LTB2 or equivalent
3.	Stem	Material Extruded Brass Rod to IS 319-1974-Type-II (Half Hard) or equivalent
4.	End connection	Flange Type
5.	Nominal Pressure	10 Kg/cm <sup>2</sup> and above
6.	Nominal Size	25 NB & above
7.	Application	Clarified Water Or Medium grade turbine oil

In support of above, vendor to furnish information, as per the following format for previous supplied gun metal gate valve meeting the above technical requirement for the past five (5) years from the date of issuance of enquiry.

Si. No.	Name & address of customer	Contact Details of the customer (email & phone number etc.)	Purchase order reference no.	Purchase order issue date	Design Pressure	Nominal Size (NB)	Material of Body	Material of Stem

Vendor to submit the following documents as an evidence of acceptance of supplied Gun Metal Gate valve for the above mentioned successfully executed order.

- a) Vendor to furnish copy of Un-Priced Purchase Orders executed for supply of at least five nos (5) of gun metal gate valve in last Five (5) years (from the date of issuance of enquiry).
- b) Vendor to furnish the Material test certificate for gun metal gate valve & Hydro test certificate of gun metal gate valve for any one of the PO submitted. The submitted test certificates should have co-relation with PO.
- c) Vendor to furnish final acceptance certificate of gun metal gate valve (for supplied at least five Nos (5) of gun metal gate valve in last Five (5) years) from End customer for PO's submitted. Acceptance certificate should contain information like item details, Quantity accepted and should also have correlation with PO reference no.

**2.0 Vendor shall submit the proof of manufacturer i.e. Factory license, NSIC certificate.**

**Note -** BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.

**Mandatory Pre-Qualification requirements for Pet Cock****Material codes W90429900015****Indent 20210822****Vendor  
Compliance****Mandatory requirement for Pre-Qualification****1.0 Experience Requirement -**

The Vendor should be a regular manufacturer of Brass pet cock and Vendor should have supplied at least five Nos (5) of Brass pet cock in last Five (5) years (from the date of issuance of enquiry) with size  $\frac{1}{2}$ " and above.

In support of above, vendor to furnish information, as per the following format for previous supplied Brass Pet cock meeting the above technical requirement for the past five (5) years from the date of issuance of enquiry.

Sl. No.	Name & address of customer	Contact Details of the customer (email & phone number etc.)	Purchase order reference no.	Purchase order issue date	Nominal Size (NB)	Material of Body

Vendor to submit the following documents as an evidence of acceptance of supplied Brass pet cock for the above mentioned successfully executed order.

- a) Vendor to furnish copy of Un-Priced Purchase Orders executed for supply of at least five nos (5) of Brass pet cock in last Five (5) years (from the date of issuance of enquiry).
- b) Vendor to furnish the Material test certificate & Hydro test certificate of Brass pet cock for any one of the PO submitted. The submitted test certificates should have co-relation with PO.
- c) Vendor to furnish final acceptance certificate of Brass pet cock (for at least five Nos (5) of Brass pet cock in last Five (5) years) from End customer for PO's submitted. Acceptance certificate should contain information like item details, Quantity accepted and should also have correlation with PO reference no.

**2.0** Vendor shall submit the proof of manufacturer i.e. Factory license, NSIC certificate.

**Note** - BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false / incorrect, the offer shall be rejected.

## **Annexure-B**

### **Quality requirement for Gun Metal Gate Valves (W90426300106)**

1. Testing & Certifications shall be done as per BHEL Drawing no. 32630301007 Rev-07.
2. Pre-Inspection will be done by BHEL Nominated Inspection Agency BVIL / TUV at supplier works before dispatch as per BHEL Drawing no. 32630301007 Rev-07, BHEL approved drawing and BHEL SQP no. QA/BI/QP/161.
3. Vendor to submit Dully filled PQR Sheet (Annexure-A), complete Technical Offer with GA drawing for material code W90426300106 with mentioning complete bill of material & duly endorsed copy of BHEL SQP no. QA/BI/QP/161 along with their offer for faster processing of case.
4. Vendor to submit detailed clause wise Test Certificates (TCs) and Guarantee Certificate (GC) as per BHEL Drawing no. 32630301007 Rev-07 along with dispatch documents at the time of delivery.

### **Quality requirement for Petcock ½ "BSP (W90429900015)**

1. Testing & Certifications shall be done as per BHEL Drawing no. 42998801013 Rev-01.
2. Vendor to submit Dully filled PQR Sheet (Annexure-A) & complete Technical Offer with GA drawing for material code W90429900015 with mentioning complete bill of along with their offer for faster processing of case.
3. Vendor to submit detailed clause wise Test Certificates (TCs) and Guarantee Certificate (GC) as per BHEL Drawing no. 42998801013 Rev-01 along with dispatch documents at the time of delivery.

**Note: -**

1. BHEL will consider only those bidders for technical scrutiny, who will qualify Pre - Qualification requirement.

## **Annexure-C**

### **INSTRUCTIONS TO BIDDERS**

#### **DETAILS OF COMPOSITION OF PART-I (PQR and Technical Bid) & PART-II (PRICE BID)**

#### **Part-I – (Pre/Minimum Qualification requirement, NDA, EMD & Technical Bid) (to be submitted in separate envelope)**

1. Offer shall be submitted through BHEL NIC Portal i.e. <https://eprocurebhel.co.in/nicgep/app>.
2. Confirmation to Pre/Minimum Qualification Requirement as per 'Annexure-A' along with supporting documents (for unregistered vendors in material category). Page reference in line to our PQR must be placed along with PQR.
3. **EMD:** - shall not be applicable for this case.
4. **NDA** – Non-disclosure Agreement is required to be signed & stamped on every page after filling relevant details. **Only after acceptance of NDA/FCA, relevant drawings/Specification will be furnished.**
5. **Tender Fee-** Tenderer will have to pay non-refundable tender fee of Rs 2000/- in favor of BHEL, Haridwar for obtaining relevant specification and drawing in hardcopy. However, tenderer can get the relevant specification and drawing in soft copy by email to [saurabhv@bhel.in](mailto:saurabhv@bhel.in) &/or [puneet.krishna@bhel.in](mailto:puneet.krishna@bhel.in) along with copy of NDA/FCA, **in that case no tender fee is required.**

#### **(Technical Bid) (to be submitted in separate envelope)**

6. The SRF (as applicable) duly filled up will be assessed for manufacturing capability quality systems being followed, organizational soundness and financial worthiness. The same shall be submitted online by un-registered vendor only who are not registered with BHEL, Haridwar for tendered items in respective material category. Please visit for online registration at <https://supplier.bhel.in>. All credentials and/or documents duly signed and stamped related to registration has to be uploaded on the website. Application registration no should be mentioned in the techno commercial offer.
7. Complete technical offer as per specification, drawings, technical requirement along with un-priced bid giving FOB, C&F rate and delivery schedule.
8. Validity of offer to be indicated i.e. **Validly shall be 120 days from date of part-1 opening.**
9. Please confirm for LD clause in your offer and any deviation from this will be loaded accordingly i.e. BHEL shall load maximum penalty (i.e. 10 % of respective delayed supply) under late delivery clause if not agreed by the vendor for the purpose of comparative statement.
10. **Annexure- A & B** Point wise compliance sheet for technical/commercial terms and conditions. i.e. signed and stamped on each page.
11. **Part-I** – Techno-commercial bid must also contain replica of Price Bid (without Prices).
12. **Deviation with reference to specification/drawing, if any, should be clearly indicated on a separate sheet.**

**PART –II (Price Bid) (to be submitted in separate envelope)**

1. Price bid (Part-II) shall be opened at a later date of only those vendors who qualify Part-I bid through Govt. NIC Portal only.
2. Price bid with prices to be submitted in enclosed BOQ format as Part-II of the tender.
3. Prices should remain firm till the execution of the order.
4. In case of foreign vendors, prices to be quoted on FOB & C&F Mumbai (India) basis separately in INR/EUR/JPY/USD currency only. In case of FOB, Loading port must be mentioned. Please note that Ex-Works price are not acceptable & offer may not be considered.
5. In case of Indigenous vendor, prices must be quoted on FOR- Destination- CPS-HEEP-BHEL basis in INR only.
6. Insurance – Marine in case of foreign vendor & inland in case of Indigenous vendor shall be taken care by BHEL.
7. Prices are to be written in both Figures & Words. In case of any difference between the two, the figure written in words shall be considered for evaluation. No over writing in this is acceptable.

**COMPLIANCE SHEET FOR TECHNICAL/COMMERCIAL TERMS AND CONDITIONS as per GISTC**

Quotation against Enquiry No. \_\_\_\_\_ Dated: \_\_\_\_\_ Due on: \_\_\_\_\_

BHEL Standard Terms	Vendor's Acceptance
<p><b>1. Payment terms:</b></p> <p>a) Payment term should be <b>100% payment After Receipt &amp; Acceptance of Material.</b></p> <p>b) Bank Charges shall be Not Applicable.</p> <p><i>"Please note that in case of any deviation in the payment term, BHEL shall evaluate your offer after loading on account of deviation in payment term and loading factor shall be as per GISTC."</i></p>	
<p><b>2.TAXES :</b></p> <p><b>TAXES &amp; DUTIES:</b> Rate of GST must be indicated in your offer even if it is inclusive.</p>	
<b>i. Rate of GST</b>	
<b>ii. Input Tax Credit Shall be available</b>	
<b>iii. Any Other Duty:</b>	
<b>3. Packing Charges</b> shall be included in quoted basic rates.	
<b>4. Forwarding Charges</b> shall be included in quoted basic rates.	
<b>5. Delivery basis:</b> On "FOR BHEL Haridwar" Basis & Freight charges shall be inclusive in quoted basic rates.	
<b>6. Delivery Period:</b> Please quote your shortest time period required for supply of material.	
<b>7. Dispatch of Material:</b> Items should be dispatched through BHEL approved transporters, however Indian bank approved transporters having their branch at Hardwar (details available at <a href="http://www.bhelhwr.co.in">www.bhelhwr.co.in</a> ) may be considered for dispatch of material. However in case dispatch through IBA approved transporter demurrage/any other charges shall be borne by supplier. In case dispatch made through un-approved transporters payment shall be made after receipt & acceptance of material only and demurrage/any other charges shall be borne by supplier.	
<b>8.</b> Transit insurance will be arranged by BHEL for which immediate intimation of dispatch is required as indicated in purchase order.	
<p><b>9. Late delivery penalty Clause:</b></p> <p>Liquidated Damages (LD) for Late Deliveries shall be applicable @0.5% per week or part thereof on the value of respective delayed supplies subject to a maximum of 10% of the value of respective delayed supplies. Value of delayed supplies will mean the Gross Value payable to the vendor (Before LD) against such supplies excluding taxes and duties..</p>	

<p><b>10. Drawing / data approval:</b> Any drawing / data approval required from BHEL after placement of order Shall be submitted within 15 days of ordering and BHEL will ensure to provide approval within 15 days. Any delay beyond this period will be liability of the party at which end delay occurred. Further no change is acceptable in drawing/data after finalization of the offer.</p>	
<p><b>11. Authorization for Pre-inspection:</b></p> <p>BHEL is authorized to get pre inspect the material at vendor's works by BHEL/BHEL nominated agency. The material will be dispatched only after getting clearance from BHEL on the pre-dispatch inspection report.</p> <ul style="list-style-type: none"> <li>• Pre dispatch inspection (PDI) call should be given at least 15 days in advance of schedule delivery. If supplier fails to give pre-inspection call with in stipulated time, this will not be a reason of penalty waiver or delivery extension.</li> </ul>	
<p><b>12. Offer Validity:</b> Validity of the offer should be minimum 120 days from tender opening date.</p>	
<p><b>13.</b> Confirm that there is no deviation with respect to BHEL Specifications/drawings. However, deviations, if any, are to be listed as a separate attachment. The offers that do not meet the substantial requirements of our enquiry are liable to be ignored.</p>	
<p><b>14.</b> Please note that no revision in the prices or submission of supplementary price bid will be allowed during the validity of the offer. However if there is any change by BHEL w.r.t. original specifications/ requirement/ scope/terms and conditions, the bidders may be asked by BHEL to submit only the price impact bid for such changes only.</p>	
<p><b>15. Origin of Quotation:</b> The quotation should be from the principal/original supplier even if it is submitted through their authorized agents, failing which the quotation is liable to be ignored.</p> <p><b>Also the name of principal supplier should be indicated on envelop in addition to Enquiry no and due date.</b></p>	
<p><b>16. Pl.</b> Confirm that the prices will remain firm during the entire validity and execution of the Project.</p>	
<p><b>17.</b> Test Certificate as per BHEL Specification / drawing shall be provided along with dispatch documents.</p>	
<p><b>18.</b> Guarantee certificate as per BHEL Specification shall be provided along with dispatch documents.</p>	

**19. Quality Requirements:-****Quality requirement for Gun Metal Gate Valves (W90426300106)**

1. Testing & Certifications shall be done as per BHEL Drawing no. 32630301007 Rev-07.
2. Pre-Inspection will be done by BHEL Nominated Inspection Agency BVIL / TUV at supplier works before dispatch as per BHEL Drawing no. 32630301007 Rev-07, BHEL approved drawing and BHEL SQP no. QA/BI/QP/161.
3. Vendor to submit Dully filled PQR Sheet (Annexure-A), complete Technical Offer with GA drawing for material code W90426300106 with mentioning complete bill of material & duly endorsed copy of BHEL SQP no. QA/BI/QP/161 along with their offer for faster processing of case.
4. Vendor to submit detailed clause wise Test Certificates (TCs) and Guarantee Certificate (GC) as per BHEL Drawing no. 32630301007 Rev-07 along with dispatch documents at the time of delivery.

**Quality requirement for Petcock ½ "BSP (W90429900015)**

1. Testing & Certifications shall be done as per BHEL Drawing no. 42998801013 Rev-01.
2. Vendor to submit Dully filled PQR Sheet (Annexure-A) & complete Technical Offer with GA drawing for material code W90429900015 with mentioning complete bill of along with their offer for faster processing of case.
3. Vendor to submit detailed clause wise Test Certificates (TCs) and Guarantee Certificate (GC) as per BHEL Drawing no. 42998801013 Rev-01 along with dispatch documents at the time of delivery.

**20. Documents requirement confirmation:**

1. Kindly ensure to submit PQR clause wise documents as per Annexure-A.
2. Kindly arrange to submit GA drawing for each material code with mentioning complete bill of material in line with BHEL specifications.

**Note: Attach separate sheet for additional information if necessary. The above terms & condition supersedes the terms & conditions found contradictory written elsewhere in the tender enquiry and offer of bidder.**

Vendors are requested to comment on each applicable clause and write as "NA" if not applicable. Please attach this sheet with your techno-commercial offer.

**Signature with stamp**

## **Annexure-D**

### **Item Details and Delivery Schedule**

Sl. No.	Tender No.	Item Description	Qty. (NOs)	Delivery Schedule
1.	<b>09Q E/E243/2021/0822Q2</b>	MATERIAL CODE: W90426300106 Gun Metal Gate Valves NB50 Drawing no. 32630301007 Rev-07 Item no. 5	06 Nos	31/05/2022
2.		MATERIAL CODE: W90429900015 Petcock ½" B.S.P. Drawing no. 42998801013 Rev-01 Item no. 1	10 Nos	31/05/2022

**NOTE:**

1.THE QUANTITY INDICATED ABOVE CAN BE INCREASED/ DECREASED.

## **Annexure-E**

### **Framework Confidentiality Agreement cum Undertaking**

This Agreement made on this the day \_\_\_\_\_ of (month) \_\_\_\_\_ ("Effective Date") by and between M/s BHARAT HEAVY ELECTRICALS LIMITED, having registered office at "BHEL House", Siri Fort, New Delhi — 110049 (India), acting through its Unit \_\_\_\_\_ (hereinafter may be referred to as "BHEL" or "the Company").

And  
M/s \_\_\_\_\_ (address) \_\_\_\_\_  
represented by authorized representative \_\_\_\_\_ Sri (herein after referred to as the "Supplier").

The Supplier and the Company may, unless the context otherwise requires, hereinafter be collectively referred to as "Parties" or singly as the "Party".

#### RECITALS

Whereas, BHEL is engaged in the design, engineering, manufacturing, construction, testing, commissioning and servicing of a wide range of products, systems and services for the core sectors of the economy, viz. Power, Transmission, Industry, Transportation, Renewable energy, Oil & Gas and Defence and providing associated services to varied customers in relation to which BHEL/its affiliates own valuable information of a secret and confidential nature.

Whereas the Company may, in connection with Contract(s) (as defined hereunder) placed or to be placed upon the Supplier, or otherwise, from time to time, make available, Technical Information as is defined hereunder.

And Whereas BHEL is willing to provide such Technical Information to the Supplier from time to time and the Supplier understands and acknowledges that such Technical Information is valuable for the Company and as such is willing to protect confidentiality of such information, subject to the terms and conditions set out hereunder.

Now therefore, in view of the foregoing premises and in consideration of the mutual covenants and agreements hereinafter set forth, the Parties agree as under:

#### 1. Definitions:

Unless the context so requires, in this Agreement, the following terms will bear the meaning ascribed to the said term in this clause.

- a) "Contract" means the Contract entered into with a Supplier and includes a Purchase Order, or a Work Order for procurement of any goods or for provision of any services.
- b) "Effective Date" means the date of this Agreement as mentioned in the preamble of this Agreement.
- c) "Supplier" includes a Contractor or a Vendor of the Company whether for supplying of goods or for providing any services under a Contract or both.
- d) "Technical Information" includes Drawings, and/or Product Standards and/or Specifications and/or Corporate / Plant Specifications and/or Technological Process Sheets and/or Technical Data Sheets and/or Jigs & Fixtures and/or Pattern & Dies and/or Special Gauges and/or Tools etc. belonging to or wherein the Company has acquired from a third party a right of user and includes any improvement thereto from time to time whether carried out by the Company or by the Supplier.
- e) "Intended Purpose" means the purpose for which the Technical Information is provided to the Supplier under or in connection with a Contract.
- f) "Improvement" includes any modification made to, or adaptation of, the Technical Information which enhances or is calculated to enhance the performance (whether in terms of effectiveness or in terms of efficiency or both) of the product and/or the service to be provided by the Supplier under a Contract.

2. This Agreement shall come into force/deemed to have come into force, as the case may be, on the Effective Date; or, on the first date when the Technical Information or any part thereof is provided by BHEL to the Supplier; whichever is earlier.

3. Agreement deemed to be incorporated in each Contract: Unless and to the extent otherwise stipulated in the Contract, the conditions of this Agreement are deemed to be incorporated in all Contracts which may be entered into between the Company and the Supplier. Further, unless otherwise stipulated, the obligations under this Agreement are and will be independent of the obligations under the Contracts and such obligations of the Supplier hereunder will remain of full effect and validity notwithstanding that the period of validity of the Contracts has expired by efflux of time stipulated therein; or, the contract has been discharged by performance or breach; or, the termination of the Contracts for any reason whatsoever.

4. Ownership:

4.1 The Company may, from time to time, make available to the Supplier, Technical Information on a non-exclusive basis by way of loan.

4.2 The Supplier acknowledges and agrees that all Technical Information and copies thereof that are or may be provided by the Company to the Supplier, are and shall remain the property of BHEL or that of the concerned entity from whom BHEL has obtained the Technical Information and such Technical Information are and shall constitute trade secrets of the BHEL. Nothing in this Agreement or in any disclosures made hereunder by or on behalf of the Company shall be construed as granting upon the Supplier any patent, copyright or design or any other intellectual property rights of whatsoever description that subsists or may hereinafter exist in the Technical Information. Furthermore, nothing in this Agreement or in any disclosures made hereunder by or on behalf of the Company shall be construed as granting upon the Supplier any license or rights of use of such patent, copyright or design or any other intellectual property rights of whatsoever description which may now or hereafter exist in the Technical Information except for use of the Technical Information strictly in accordance with this Agreement and the Contract and/or as directed in writing by the Company, solely for the Intended Purpose under the Contract.

4.3 Neither Party is obligated by or under this Agreement to purchase from or provide to the other Party any service or product and that any such purchase/sale of any product and/or service by one Party to the other Party will be governed by the Contract if any, that may be entered into by and between the Company and the Supplier.

4.4 The Supplier is/has been made well aware and acknowledges that the Technical Information being/which may be shared with it by the Company has been either generated by the Company by incurring huge investment and cost or obtained from foreign collaborators under Technical Collaboration Agreement (TCA) with stringent confidentiality conditions.

4.5 The Supplier agrees and undertakes to adhere to confidentiality requirements as applicable to BHEL under a TCA and also ensure that the confidentiality requirements are adhered to by all its concerned employees or sub-contractors/suppliers (where permitted to be engaged by BHEL). Any damages, losses, expenses of any description whatsoever, arising out of or in connection with a breach of the confidentiality requirements under a TCA owing to any act or omission on the part of the Supplier or its employees or sub-contractors/suppliers that is claimed by a foreign collaborator from the Company shall be wholly borne by the Supplier and it shall keep BHEL fully indemnified in this behalf. The demand by the Company shall be conclusive upon the Supplier who shall thereupon forthwith pay to the Company without demur, dispute or delay the amount as demanded without demanding any further proof thereof.

4.6 The Supplier agrees and undertakes that unless so decided and advised by the Company in writing all rights/title to any Improvement to the Technical Information shall vest in the Company. The Supplier undertakes and agrees to inform forthwith to the Company of any such Improvement made to the

Technical Information and transfer all drawings/documents or other materials connected with such Improvement to the Company and also agrees to fully cooperate with the Company for protecting the Company's interests in such Improvement in the Technical Information including but not limited to obtaining necessary protection for the intellectual property rights in such improvement, if so desired by the Company. If a question answers whether a modification amounts to Improvement to the Technical Information, the same shall be decided by the Company and such decision shall be final and binding upon the Supplier.

5. Use and Non-Disclosure:

5.1 Unless otherwise stipulated by the Company, all Technical Information made available to the Supplier, by the Company shall be treated as Confidential irrespective of whether the same is marked or otherwise denoted to be Confidential or not.

5.2 The Supplier undertakes and agrees that the Technical Information in its possession shall be held in strict confidence and will be used strictly in accordance with this Agreement and solely for the Intended Purpose under the Contract. Use of the Technical Information for any other purpose other than Intended Purpose is prohibited.

5.3 In particular, the Supplier shall not use Technical Information or any Improvement in its possession for the manufacture or procurement of the Product(s) or components or parts thereof or use the Technical Information or any portion thereof or any modification or adaptation thereof in any form to provide any product and/or service to any third party, without the prior written consent of the Company.

5.4 The Supplier shall not disclose any of such Technical Information to any third party without the prior written consent of the Company. The Supplier agrees that without prior written consent of the Company, the Supplier shall not disclose to a third party about the existence of this Agreement, or of the fact that it is/was in possession of or has experience in the use of any Technical Information nor shall the Supplier share in any manner whatsoever, with a third party, the name or details of any Contract(s) awarded by the Company to it or performed by the Supplier or the scope of work thereof or share any document or correspondence by and between the Company and the Supplier in or in connection with this Agreement or such Contract(s). Notwithstanding what is stated elsewhere, the overall responsibility of any breach of the confidentiality provisions under this Agreement shall rest with the Supplier.

5.5 The Supplier undertakes and agrees not to make copies or extracts of and not to disclose to others any or all of the Technical Information in its possession, except as follows:

- a) The Supplier may disclose the Technical Information to such of its officers and employees strictly to the extent as is necessary for such officer or employee for the Intended Purpose, provided that the Confidential Information (or copies thereof) disclosed shall be marked clearly as the confidential and proprietary information of Company and that such officers and employees shall similarly be bound by undertakings of confidence, restricted use and non-disclosure in respect of the Technical Information. The Supplier shall be responsible for any breach of such confidentiality provisions by such officers and employees.
- b) With the prior written consent of Company, the Supplier may disclose for the Intended Purpose such Technical Information as is provided for in such consent to such of its professional advisers: consultants, insurers and subcontractors who shall be similarly bound by undertakings of confidence, restricted use and nondisclosure in respect of such Technical Information.
- c) The Supplier shall not be prevented to make any disclosure required by (i) order of a court of competent jurisdiction or (ii) any competent regulatory authority or agency where such disclosure is required by law, provided that where the Supplier intends to make such disclosure, it shall first consult Company and take all reasonable steps requested by it to minimize the extent of the Technical Information disclosed and to make such disclosure in confidence and also shall cooperate with the Company in seeking any protective order or any other remedy from proper authority in this matter.

**6. Exceptions:**

The obligations of the Supplier pursuant to the provisions of this agreement shall not apply to any Confidential Information that:

- a) was/is known to, or in the possession of the Supplier prior to disclosure thereof by the Company;
- b) is or becomes publicly known, otherwise than as a result of a breach of this agreement by the Supplier.
- c) is developed independently of the Disclosing Party by the Supplier in circumstances that do not amount to a breach of the provisions of this Agreement or the Contract;
- d) is received from a third party in circumstances that do not result in a breach of the provisions of this Agreement.

7. The obligation of maintaining confidentiality of the Technical Information on each occasion, shall subsist for the entire duration during which the Technical Information / equipment is in possession of the Supplier and shall thereafter subsist for a further period of -----years from the date when the complete Technical Information has been returned to the Company and if Technical Information has been returned in portions on different dates then, the period of ---- years will be reckoned from the date when the last portion of the Technical Information has been returned. Notwithstanding the expiry of the confidentiality obligation, the obligation of the Supplier under clause 5.4 shall continue to subsist for a further period of -----years.

**8. Warranties & Undertakings:**

- a) The Supplier undertakes to ensure the due observance of the undertakings of confidence, restricted use and non-disclosure by its persons to whom it discloses or releases copies or extracts of the Technical Information.
- b) The Supplier shall keep the Technical Information or improvement made therein properly segregated and not mix up the same with any other material/documents belonging to him/it or to any other third party.
- c) The Supplier further undertakes that he/it shall not hypothecate or give on lease or otherwise alienate or do away with any of the Technical Information and/or equipment of the Company, made available to him/it, and undertakes that he/it shall hold the same as a trustee, in capacity of custodian thereof and use/utilize the same solely for the purpose of executing the Contract awarded by the Company.
- d) The Supplier further undertakes that he/it shall return all the equipment and/or Technical Information as far as practicable in the same condition in which the same was made available to him/it by the Company together with any Improvement thereon and the documents connected with such Improvement, to the Company forthwith upon completion of the scope 2 of work or Contract for which such Technical Information was provided by the Company to it or as directed by the Company together with a confirmation by way of an affidavit or in such manner as directed by the Company that it has not retained any equipment and/or Technical Information/improvement thereof. In case any such equipment and/or Technical Information or Improvement thereof shall remain in his possession or is not capable of being returned, the retention and use of such Technical Information or Improvement thereto shall continue to be governed by this Agreement.
- e) The Supplier undertakes to indemnify the Company for all the direct, indirect and/or consequential losses, damages, expenses whatsoever including any consequential loss of business, profits suffered by the Company owing to breach by the Supplier of its obligations under this Agreement and/or the confidentiality requirements, if any, contained in the Contract and that the Supplier hereby agrees that the decision of the Company in all such or any such matter/s shall be final and binding on the Supplier. On mere written demand of the Company, the Supplier shall forthwith and without demur or delay pay to the Company any such sum as determined by the Company as the amount of loss or damage or expense which has been suffered by the Company. The Supplier agrees that the Company shall be entitled to withhold and appropriate any amount payable to the Supplier under any Contract then existing between the Company and the Supplier, in case the Supplier fails to make payment, in terms of the written demand, within 7 days thereof. Without prejudice to the foregoing actions, in respect to any breach of this Agreement, the Company shall be entitled to take any other action against the Supplier as per applicable laws, the Contract, Company's applicable policies, guidelines rules, procedures, etc.

9. Without prejudice to any other mode of recovery as may be available to the Company for recovery of the amount determined as due as per Clause 8(e) hereinabove, the Company shall have a right to withhold, recover and appropriate the amount due towards such losses, damages, expenses, from any amount due to the Supplier in respect of any other Contract (s) placed on lum/it by any department/office/U25W Division of the said Company.

10. Arbitration & Conciliation:

- a) In case amicable settlement is not reached between the Parties, in respect of any dispute or difference or claim or controversy arising out of the formation, breach, termination, validity or execution of the Contract(or Agreement) or the respective rights and liabilities of the parties or in relation to interpretation of any provision of the Contract or in any manner touching upon the Contract, then, either Party may, by a notice in writing to the other Party refer such dispute or difference or controversy or claim, (except as to any matters, the decision of which is specifically provided for therein) to the sole arbitration by the arbitrator appointed by Head/In-Charge of the U25W Division/Region.
- b) The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the parties to the dispute.
- c) Subject as aforesaid, the provisions of Arbitration and Conciliation Act 1996 (India), or other statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat of arbitration shall be at -- (Insert the name of the city/town of the concerned BHEL U25W Division).
- d) In case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable:
- e) In the event of any dispute or difference relating to the interpretation and application of the provisions of the Contract, such dispute or difference shall be referred to by either party to the arbitration of one of the arbitrators in the department of public enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the arbitrator shall be binding upon the parties to the dispute, provided, however, any party aggrieved by such award may make further reference for setting aside or revision of the award to the Law Secretary, Department of Legal Affairs, Ministry of Law and Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary or Additional Secretary when so authorized by the Law Secretary, whose decision shall bind the parties hereto finally and conclusively.
- f) Notwithstanding the existence or any dispute or differences and/or reference for the arbitration, the Supplier shall proceed with and continue without hindrance the performance of its obligations under this Contract with due diligence and expedition in a professional manner.

II. Governing Law & Jurisdiction:

This Agreement shall be governed by and be construed as per applicable Indian Laws in force at the relevant time. Subject to clauses and hereinabove, all matters in connection with the subject agreement shall be subject to exclusive jurisdiction of Courts situated at — --(insert the name of the place where the BHEL U25W Division is located)

SIGNATURE:

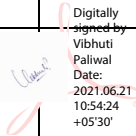
WITNESSES

1.  
Name  
Address:

2.  
Name:  
Address:

MANUFACTURER'S NAME AND ADDRESS		QUALITY PLAN					PROJECT : KALESHWARAM							
BHEL		ITEM	GUN METAL GATE VALVE		QP NO.	QA/BI/QP/161								
				DATED	21.06.2021									
		DRG. NO.	3-263-63-1007 REV 07											
		SPEC.	As per PO											
	REV	AS PER PO				1 OF 2								
SL NO.	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORDS		AGENCY			REMARKS	
1	2	3	4	5	6	7	8	9	D	M	B	N	10	11


1	MATERIAL													
1.1	BODY, BONNET, WEDGE STEAM, HANDWHEEL GLAND PACKING, GASKETS	CHEMICAL COMPOSITION MECHANICAL PROPERTIES	MAJOR	CHEMICAL MECHANICAL	1 / HEAT	BHEL APPD. DRG.	ORDERING SPEC. / BHEL APPD. DRG.	TC	√	P	V			
		NDT (ON BODY)	MAJOR	DP/MPI	100%	ORDERING DRG ASTM E165 ASTM E709 ASTM E94/E142 ASTM A388 ASME B 16.34	ASME B16.34	TC	√	P	V			
		SURFACE DEFECTS	MAJOR	VISUAL	100%	MSS-SP-55	MSS-SP-55	TC		P	V			
		DIMENSIONS	MAJOR	MEASUREMENT	100%	BHEL APPD. DRG.	BHEL APPD. DRG.	TC		P	V			
2. IN PROCESS INSPECTION														
2.1	MACHINING OF BODY, BONNET,	DIMENSIONS	MAJOR	MEASUREMENT	100%	BHEL APPD. DRG.	BHEL APPD. DRG.	IR	√	P	-	-		
		SURFACE DEFECTS	MAJOR	DPT	100%	ASTM E165 ASME B 16.34	ASME B16.34	TC	√	P	V			
2.3	HARD FACING ON TRIM	HARDNESS	MAJOR	HARDNESS	10%	BHEL APPD. DRG			√	P	V			
3. FINAL INSPECTION														
3.1	ASSEMBLY OF VALVE	DIMENSIONS	MAJOR	MEASUREMENT	100%	BHEL APPD. DRG.	BHEL APPD. DRG.	TC	√	P	W			
3.2	HYDRAULIC TEST	LEAKAGE	CRITICAL	HYDRAULIC	100%	BHEL APPD. DRG	NO LEAKAGE	TC	√	P	W	-		

MANUFACTURER/SUBCONTRACTOR	 Digitally signed by Vibhuti Paliwal Date: 2021.06.21 10:54:24 +05'30'	LEGEND: ! RECORDS IDENTIFIED WITH 'TICK' SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR IN QA DOCUMENTATION. M: MANUFACTURER / SUBCONTRACTOR B: BHEL / NOM. INSPECTION AGENCY N: CUSTOMER INDICATE 'P' PERFORM 'W' WITNESS AND 'V' VERIFICATION ALL 'W' INDICATED IN COLUMN 'N' SHALL BE 'CHP' OF CUSTOMER	FOR CUSTOMER USE	
			APPROVED BY	

MANUFACTURER'S NAME AND ADDRESS		QUALITY PLAN				PROJECT : KALESHWARAM							
BHEL		ITEM	GUN METAL GATE VALVE		QP NO.	QA/BI/QP/161							
				DATED	21.06.2021								
		DRG. NO.	3-263-63-1007 REV 07										
		SPEC.	As per PO										
	REV	AS PER PO		2 OF 2									
SL. NO.	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORDS		AGENCY			REMARKS
1	2	3	4	5	6	7	8	9	D	10			11

3.3	SEAT LEAK TEST	LEAKAGE	CRITICAL	HYDRAULIC	100%	BHEL APPD. DRG	NO LEAKAGE	TC	√	P	W	-	
3.4	BACK SEAT TEST	LEAKAGE	CRITICAL	HYDRAULIC	100%	BHEL APPD. DRG	NO LEAKAGE	TC	√	P	W	-	
3.5	PRESERVATION & PAINTING		MAJOR	VISUAL	100%	BHEL DRG		IR		P	-	-	
3.6	PACKING		MAJOR	VISUAL	100%	BHEL DRG		IR		P			



MANUFACTURER/SUBCONTRACTOR	 Digitally signed by Vibhuti Paliwal Date: 2021.06.21 10:54:04 +05'30'	LEGEND: ! RECORDS IDENTIFIED WITH 'TICK' SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR IN QA DOCUMENTATION. M: MANUFACTURER / SUBCONTRACTOR B: BHEL / NOM. INSPECTION AGENCY N: CUSTOMER INDICATE 'P' PERFORM 'W' WITNESS AND 'V' VERIFICATION ALL 'W' INDICATED IN COLUMN 'N' SHALL BE 'CHP' OF CUSTOMER	FOR CUSTOMER USE	
			APPROVED BY	