

(SUB-CONTRACTING DEPARTMENT)

Tender Enquiry No	BHEL: IVP:SC:RC95-2526
Enquiry date	19.07.2025
Last time and date of tender submission	17:30 Hrs 31.07.2025
Tender opening time and date	11.30 Hrs 01.08.2025
Quotation Parts	Two-part
Counter offer	Applicable as per attached list at Annexure-2
Reverse Auction	Not applicable in this tender
Mode of tender	e-procurement

Tenders in two parts through e-procurement mode-

Part-I: Techno-commercial bids and Part-II: Price bids are invited for SS plate cutting and/or bending of components as per relevant BHEL drawings.

Bid	Description	Documents to be submitted	
Part-I Techno-Commercial bid in response against Tender Enquiry No. BHEL: IVP:SC:RC95-2526 Taxes applicable, if any, are to be meaning this part bid. Copy of UDYAM certificate is to be s		 Acceptance of all terms and conditions. Taxes applicable, if any, are to be mentioned in this part bid. Copy of UDYAM certificate is to be submitted. Documents required as per Pre-Qualification Criteria 	
Part-II	Price bid in response against Tender Enquiry No. BHEL: IVP:SC:RC95-2526	Price bid (BOQ).	

Instruction to bidder (In case of E-Procurement)

- 1. Interested bidders / suppliers shall submit their offer through e-procurement mode at https://eprocurebhel.co.in/.
- 2. Offers in any other mode will not be accepted.
- 3. Procedure for submission of tender is available in the <Bidder Manual Kit= at e-tender portal https://eprocurebhel.co.in/.
- 4. In case of any difficulty faced while registering on BHEL's e-Procurement portal developed by NIC, queries may be addressed to 0120-4001002, 0120-4001005 and 0120-6277787; email: supporteproc@nic.in. These details are also available on 'Contact Us' page of the portal.
- 5. The bidders are solely responsible for correctness / authenticity of all the statements, documents, certificates uploaded on the portal.
- 6. Disclaimer clause: Neither the Organization (Bharat Heavy Electricals Ltd.) nor the service provider is responsible for any failure of submission of bids due to failure of internet or other connectivity problems or reasons thereof.

1. PRICE OUOTATION SHALL BE AS PER UNDER:

The items are to be machined as per the scope and the drawing number. Minimum rates are to be quoted by the Vendor (hereinafter referred as Sub-Contractor) on per piece basis and on FOR BHEL Goindwal Sahib basis and inclusive of all transportation costs.



- 1. Quoted rates for each item within a group for machining jobs shall be per piece basis.
- 2. Contractor should quote rates for each machined item with retention of cutting/turning/boring/ Notching/ Piercing of ferrous scrap. Goods and Services Tax (GST) applicable on job work shall be payable to vendor by the BHEL
- 3. Vendor has to develop any jig/fixtures and tools by its own required for machining of quoted items.
- a. <u>GST registered Vendors</u> Vendor shall quote the rate exclusive of GST in the price bid format. **Applicable GST** shall be specified by the vendor **separately** in **Techno Commercial Format**. GST shall be paid by Vendor. GST shall be reimbursed to vendor by BHEL.
- b. <u>Non-GST registered Vendors</u> Vendor shall quote the rate exclusive of GST in the price bid format. In the **techno commercial format** vendor shall specify himself as **non-GST vendor**. In such case the GST shall be paid by BHEL.
- 4. Applicable taxes (GST) on ferrous scrap retained by sub-contractor shall be borne by the sub-contractor.
 - a. <u>GST registered Vendors</u> Vendors are liable to pay the GST on the scrap retained by vendors to government.
 - b. Non-GST registered Vendors GST on scrap retained by vendor shall be borne by Vendor. In such cases, BHEL shall recover GST on scrap retained by vendor.
- 5. Aluminum, bronze scrap shall be returned to BHEL along with finished components. Burning losses of 8% of theoretical scrap (Calculated from drawing) generated shall be provided. Payment of aluminum bronze components shall be made only after receipt of scrap account statement. Recovery of shortages of scrap, including applicable taxes, shall be made from the running bills.
- 6. Material cost, GST, Overheads @5% and applicable interest, as per the existing tax laws, for materials lying at their works for a period more than 365 days, whatsoever may be the reason for retention of the material, if any, shall be borne by the Sub contractor.

Vendors are required to ensure compliance of GST provisions and registration of their firm as per GST act 2017.

2. SCOPE OF WORK:

- 1. The scope of work includes machining/Heat Treatment/Plating (wherever applicable)/ Tuff-riding of components as per drawing number mentioned in tender enquiry and mentioned in sub-contracting purchase order. Material will be manufactured as per tolerance mentioned in the drawings. For Tolerances for un-tolerance dimensions, document TP0230299 is to be followed. BHEL shall provide raw material for the items to be machined.
- 2. Machining of Valve Bodies shall include the edge preparation of butt weld end bodies.

3. <u>PRE-QUALIFICATION CRITERIA:</u>

<u>PQ1:</u> *Turnover Criteria*: Bidder should have Minimum Average Annual Financial Turnover of Rs. 20 Lakhs, over Two financial year viz. FY 2022-23 and 2023-24. To certify the same, bidder need to submit balance sheets of above stated two years. Balance sheets should be audited, as applicable. The value of turnover to be considered is without Taxes. If the balance sheets are not audited, bidder need to submit CA certificate for the turnover. Audited balance sheets/CA certificate with valid UDIN (Unique Document Identification Number) will only be considered for these criteria.

Start-ups shall be exempted from the above pre-qualification criteria Sr. no. 3, without any relaxation in quality standards or technical parameters as per D.O. No. 5(4)/2016-BE-I dated 15.02.2017. For claiming Start-Up exemption, vendors have to submit DPIIT (Dept. of Promotion of Industry and Internal Trade)/DIPP (Department for Industrial Policy and Promotion) recognition certificates.)

PQ2: Equipment set up and Machining Capability required: -



- 1. For item Package 1 to 6 i.e. Backseat, Gland Follower, Stems, Spacer, Lantern Ring and Retainers, which are identified for CNC turning, following is required on company's letter head (duly signed & stamped):
 - a) Availability of CNC Turning Machine: Vendor has to provide the Make & Model of available CNC machine on vendor premises capable to machine items indicated in each package upto Dia 150mm.
 - b) Availability of Bar stock Cutting Facility: BHEL will issue round Bar stock and vendors need to ensure availability of its cutting facility for manufacturing of finished items. Vendor to provide acceptance for the same.
 - c) Vendor shall certify that their machining capability is suitable for manufacturing of quoted item, as per BHEL's relevant drawings.
- 2. **For remaining/other items:** Vendor to submit the undertaking for machining capability at vendor's own premises is suitable for the machining of quoted items.
- 3. **Experience Details for both points 1 & 2 -** Vendor to provide at least one copy of their customer's purchase orders* related to machining of ferrous items along with copies of following documents related to the submitted P.O.
 - a) Machined component's drawing/s,
 - b) and its invoice.

(*Date of eligible Purchase Order/s should be 01.01.2023 or afterwards and upto the date of actual bid opening)

Further, BHEL reserves the right to verify installed technical capability of bidders by visiting their works, if so required. In case of mis-representation of facts, the bid is liable to be rejected.

4. VALIDITY OF OFFER:

The rate quoted will be valid for 75 days after tender opening for finalization of the Tender.

5. VALIDITY OF RATE CONTRACT:

Rate Contract will be valid for a period of one year from the date of finalization of tender and will be applicable for all orders released during the currency of the contract. However, BHEL reserves the right to terminate the contract earlier also, if the performance of the Vendor is not satisfactory. Based on the rate contract, Sub-contracting POs will be released during the currency of the rate contract. The rate contract can be extended again on mutual agreement for a period of one year from the date of extension.

6. EVALUATION CRITERIA FOR FINALIZATION OF L1 VENDOR: -

L1 vendor will be determined separately for package 1 to 6 i.e. Backseat, Grand Follower, Spacer, Stem, Latern ring & retainer, based on complete package's cost and not for individual items. For remaining items L1 vendor will be determined based on individual item's cost (refer items list at Annexure-2).

7. LOADING:

The invitation of rates and finalization of item-wise rates through this tender is for the purpose of entering into rate contract on fixed prices basis for validity mentioned elsewhere in tender. The item-wise rate contract will be entered into with requisite number of vendors by counter offering finalized lowest rates to vendors considering the price ranking and determined by other terms and conditions of the tender. The loading of any item for full tender quantity is not envisaged to happen in one-go but is spread over the currency of rate



contract in any quantity and at any time during the currency of rate contract, so the loading of any item cannot be thus construed by simple formula of loading mentioned elsewhere in tender.

The broader guideline for counter offering and rank wise intended loading are as follows:

Rate Contract will be entered into requisite no. of vendors to ensure that our requirement is met. For this, BHEL reserves the right to give counter offers as per attached list at Annexure-2 to other vendors than L1 (lowest bidder-item wise) vendor.

Evaluation in case of more than one L1: In the course of evaluation, if more than one bidder happens to occupy L1 status, effective L1 will be decided by soliciting discounts from the respective L1 bidders.

In case more than one bidder happens to occupy L1 status even after soliciting discounts, the L1 bidder shall be decided by a toss/ draw of lots, in presence of respective L1 bidders or their representatives.

Ranking will be done accordingly. BHEL decision in such situations shall be final and binding.

In case any of L1, L2 or L3 vendor is MSE then loading will be as follows:

- 1. BHEL shall counter offer the finalized L1 rates to two accepting vendors upto any rank*. In any case H1 vendor will not be considered. The tender quantity may be divided in the proportion of 50:30:20 (50% for L1, 30% for L2, 20% for L3).
 - *BHEL intends to keep upto three vendors in RC for effective planning of receipt of items. Counter offer is proposed to be given to all qualifying bidder for an item (except H1 or any exception so described elsewhere in tender). Merely getting counter offer and acceptance by a bidder does not alter his rank and do not indicate commitment by BHEL to load him during the currency of RC. Through this exercise and as an outcome of this exercise, new ranking of L2/L3 may emerge out depending upon whether the original L2/L3 have accepted the counter offers or not. The seniority of ranking however will be unaffected with this exercise, i.e. if L2/L3/L5 have not accepted the counter offers and L4 & L6 have accepted the counter offers. Original L4 & L6 will become L2' & L3.
- 2. Counter offers will not be issued to Highest Bidder except in case of items where there are less than three qualified bidders. In case there are less than three bidders for any item, then counter offer will be issued to the highest bidder also.
- 3. In case L2, L3 and any other bidders have quoted same rates and are also highest bidders, the counter offer may be issued to highest bidders also.
- 4. In case two or more bidders have L2 rank for a particular item, 50% tender quantity will be given to L1 bidder and balance 50% will be offered to L2 bidders. In case two or more L2 bidders accept the counter offer then 50% quantity will be divided equally among the counter offer accepted bidders and in that case no counter offer will be given to L3 bidder. In case only one L2 bidder accept the counter offer then 30% will be given to L2 bidder and balance 20% will be offered to L3 rank bidder.
- 5. In case of only two qualified bidders, the tender quantity may be divided into proportion of 60:40 (60% for L1 and 40% for L2).
- 6. In case of single bid, the entire tender quantity will be offered to L1 bidder.

In case none of L1. L2 or L3 vendor is MSE then loading will be as follows:

- 1. BHEL shall counter offer the finalized L1 rates to two accepting vendors upto any rank*. The tender quantity may be divided in the proportion of 40:25:10:25 (40% for L1, 25% for L2, 10% for L3 and 25% for MSE's). The division of tender quantity is subject to following conditions:
 - *BHEL intends to keep upto three vendors in RC for effective planning of receipt of items. Counter offer is proposed to be given to all qualifying bidder for an item (except H1 or any exception so



described elsewhere in tender). Merely getting counter offer and acceptance by a bidder does not alter his rank and do not indicate commitment by BHEL to load him during the currency of RC. Through this exercise and as an outcome of this exercise, new ranking of L2/L3 may emerge out depending upon whether the original L2/L3 have accepted the counter offers or not. The seniority of ranking however will be unaffected with this exercise, i.e. if L2/L3/L5 have not accepted the counter offers and L4 & L6 have accepted the counter offers. Original L4 & L6 will become L2' & L3.

- a. In tender, participating Micro and Small Enterprises quoting price within price band of L1+15 per cent may be offered 25% quantity of tender quantity at L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise. In case of more than one such Micro and Small Enterprise, the supply may be shared equally. If there are more than one MSE in the price band of L1+15% to whom the offer has been sent and some of them reject the offer then the remaining quantity may be distributed equally to the MSEs accepting L1 prices.
- b. 25% from the 25% quantity (i.e. 6.25% of the tender quantity) offered to the MSE's may be reserved for MSE's owned by SC/STs. In event of failure of such Micro and Small Enterprises to participate in tender process or meet tender requirements and L1 price, 6.25% per cent quantity for Micro and Small Enterprises owned by SC/ST entrepreneurs may be met from other Micro and Small Enterprises.
- c. In line with the special provision for micro and small enterprise owned by women, out of the total annual procurement from Micro and small enterprise, 3 percent from within 25 percent target shall be procured from MSE's owned by women.

The definition of MSE owned by women shall be as under

- i. In case of proprietor MSE, proprietor shall be women
- ii. In case of partnership MSE, the women partners shall be holding at least 51% share of the unit.
- iii. In case of private limited company, at least 51% share shall be held by women promoters.
- d. In case any MSE vendor does not accept the counter offer, then loading shall be (45% for L1, 30% for L2, 25% for L3).
- e. If there is no MSE in the Price band of L1+15% then loading shall be (45% for L1, 30% for L2, 25% for L3).
- 2. Counter offers will not be issued to Highest Bidder. Counter offer shall be issued in following two cases to highest bidder eligible for a proportion of Tender Quantity,
 - i. In case of MSE bidders will be given counter offer
 - ii. In case there are less than three bidders for any item
- 3. In case L2, L3 and any other bidders have quoted same rates and are also highest bidders, the counter offer may be issued to highest bidders also.
- 4. In case of only two qualified bidders, the tender quantity may be divided into proportion of 60:40 (60% for L1 and 40% for L2).
- 5. In case of single bid, the entire tender quantity will be offered to L1 bidder.

Once the rate contract has been entered in to, during actual loading of a particular item; factors like BHEL required delivery of particular item at that time vs load already available with particular vendor and his delivery schedule of already loaded items, the performance of particular vendor by that time, availability of Bank Guarantee and alike may dominate over the intended loading criteria mentioned in the terms and conditions. It is pertinent to mention here that time is the essence of contract. So item-wise actual loading may differ while executing the rate contract. Reiterating, preference shall be given to L1 vendor for loading however, BHEL reserves the right to give load to other vendors owing to one/more of the stated factors, notwithstanding the fact that the vendor was original L1.

8. INSPECTION:

- a) Inspection of the finished components will be done at vendor's premises after receipt of inspection request along with dimension report. No deviation unless authenticated by authorized BHEL Officials will be allowed. The inspection request and the dimensional report shall be in the format prescribed by BHEL.
- b) BHEL reserves the right to carry out inspection at its premises as and when required.
- c) In case of Rework at Sub Contractor's end due to operator fault, the rework shall be carried out by Subcontractor free of cost.



- d) In case of rejection at Sub-contractor's end due to operator fault, raw material cost along with any other relevant charges defined by BHEL finance department will be recovered.
- e) Calibrated gauges, fixtures and measuring instruments shall be available with vendor at all times.
- f) Dimension reports shall be kept ready prior to inspection.
- g) Where edge preparation is in the scope of vendor, D1 should be mentioned on bodies at the time of inspection

9. **DELIVERY OF FINISHED COMPONENTS:**

- a) The inspected components shall be delivered at Component Stores along with 4 copies of delivery challan, bearing seal of Main Gate Security.
- b) Delivery challan should have the details like PO No., IR NO., D1 dim, Component Code and special material description such as WC6/WC9/CF8/CF8M/CF3M.
- c) Anti-Rust Oil shall be applied by vendor on finished components as per BHEL drawing before the delivery of components.
- d) Finished components shall be unloaded in designated area as directed by the Store-keeper.
- e) Finished goods shall be delivered at Component Stores at Sub-contractor's own cost. Facility for handling heavy materials (like lifter/crane) will be provided by BHEL.
- f) The Sub Contractor shall supply the finished components with proper packing arrangement as per below given details-

S.	Component	To mention on	To write with	Remarks
No.		Component		
1.	GV/RV/FV/TOA/ Isolating Valve Body	D1, Material Code, vendor Code & IR No.,	to punching/engraving at the required location as mentioned by BHEL.	Additionally, in all 600 class and 2-150/300 GV bodies, center mark of seat to be punched. Center mark of seat required in 2" C300 GV and all FV bodies above 8". Rust preventive to be applied in case of threaded body seat.
2.	Bonnet, Yoke, Cover, Wedge, Stem, Spindle Sleeve-30015200, Air valve stem, Valve stem forging, Wall Blower Valve Body & Deslagger Body	Material Code, vendor Code	Punching/Permanent Marker/Paint.	Stems, Spindle Sleeve-30015200, Air valve stem, Valve stem forging are to be individually wrapped in transparent bubbled polythene sheet and material code to be mentioned on wrapping sheet. Center punch at top and bottom to be applied in all wedges. Bonnet/Yokes threaded potion: Rust preventive to be applied.
3.	Rough & Welded Seat Ring, Disc, Flap & Back Seat	Material Code, Vendor Code	Punching/Permanent Marker/Paint.	In case of WC6, WC9, CF8 and CF8M Rough Material, Material code and material grade (WC6/WC9/CF8/CF8M) are to be Punched/written with permanent marker only in case adequate space is not avl or it is unapproachable to punch material grade on Non-Welding area whereas Vendor Code to be written with permanent marker/ paint. Similarly, for stellited components, STL to be



4.	Final Seat Rings, Seat Insert, Final Disc, Final Flap, Final Back Seat, Gland Flange and, Gland Follower.	Material Code & Vendor Code	By pasting sticker on each piece Or writing with permanent Marker/Paint.	In case of WC6, WC9, CF8, CF3M and CF8M material, Material code and material grade (WC6/WC9/CF8/CF8M/CF3M) are to be mentioned on the material. RV/SV/FV seat rings to be individually wrapped to prevent any kind of seat and thread damage.
5.	All other jobs (Retainer, Lantern Ring, Specialty, Gear, Wall Blower Gears and other Components etc.)		By pasting sticker on each piece Or writing with Permanent Marker/Paint Or making suitable size small packets & clearly writing its vendor code and material code on outside of the packed lot in such a way that pieces could be counted from outside the packet.	- In case of WC6, WC9, CF8 and CF3 CF8M material, Material code and material grade (WC6/WC9/CF8/CF8M/CF3M) are to be mentioned on the material. "STL" to be written on stellited backseats. Small components to be bunch wrapped/individually as per the component shape and size and practical feasibility

Note: Vendor may please be noted that for all casting components to mention as Material Code, Vendor Code and IR Number are to be written with Punching/Engraving and other components to mention as Material Code and Vendor Code are to be written with Permanent Marker/Paint.

10. DELIVERY SCHEDULE: -

Vendor shall be required to complete the order as mentioned in PO/LOI/ delivery requirement given through other communications. Further, BHEL may release delivery schedule from time to time based upon our requirement. Vendor shall be required to complete the order as per BHEL schedule requested. As per BHEL requirement delivery period will be given in the range of 15 to 120 days.

11. ISSUE OF BHEL'S RAW MATERIAL & INSPECTION GAUGES:-

- a) Raw materials shall be issued from Main Stores/component stores and cost of transportation shall be borne by the Sub-contractor. Facility for handling heavy materials (like lifter/crane) will be provided by BHEL.
- As far as possible, minimum 2 m* length of Bar stock shall be issued.
 *can be increased, if so communicated by vendor & can decrease based on PO qty or on available length of Bar stock in BHEL's store.
 - c) For machining of each item from Bar stock Dia, vendor will be provided with 6 to 8 mm per piece allowance (Cutting and machining both). For Bar stock upto Día 65 mm, 6 mm allowance will be provided while for Dia above 65 mm, 8 mm allowance will be provided. However, for stems, per piece 10 mm allowance will be provided.
 - Vendor will be issued one Bar stock Dia lot based on availability of raw material in BHEL Stock.
 - e) The raw material shall be provided by BHEL as per BHEL drawing with proper machining allowances. Material description shall be embossed/written with permanent marker on the raw materials (like F6, F304, F316, X20 Chrome, F22 etc) along with Melt No reference in order to satisfy traceability conditions for the components covered under ISO/ CE Marking.



- f) The vendor is required to lift the material within Five working days of release of PO (it is the responsibility of vendor to check regularly B2B portal for new POs). Otherwise, depending upon the BHEL's requirement, the said material can be diverted to next eligible vendor/s.
- d) Vendor has to appoint an authorized representative for issue and collect of raw material from BHEL.
- e) If due to any reason, raw material issued to the vendor is more than the required, then the vendor has to return the excess material to the respective stores.
- f) For material facility and follow up communication, vendors registered email id's and phone no's will be used
- g) Though, it's not the responsibility of BHEL, to provide checking/inspection gauges for manufacturing of ordered items, yet vendor can request issue of gauges to IVP's Tool Engg Department on a prescribed format, mentioning valid PO & component for which these are required. Depending upon their availability, gauges will be issued on non-chargeable basis. However, vendor cannot claim any relaxation in delivery dates due to their non-availability or delay in issuing them.
- h) Vendor has to ensure proper upkeep, storage and handling of gauges at their works. Further these are to be returned back on or before its due date. Any loss or damage of gauges will be recovered from the vendor (As defined by finance department).

12. ACCESS TO MANUFACTURING PREMISES:

During the currency of the contract and while Sub-Contracting Orders placed on the vendor are under execution, authorized representatives of BHEL shall be allowed free access to the manufacturing facilities for the purpose of inspection or monitoring the progress of purchase orders. This access will also be extended to representatives of BHEL's customers accompanying the authorized representative/s of BHEL, if our contractual requirements with our customer's call for the same.

13. **GUARANTEE**:

Vendor shall give a guarantee of eighteen months from acceptance of material at BHEL for undertaking repairs/replacement of any defect observed during machining/ assembly/ hydraulic testing or subsequent processing notwithstanding the previous acceptance. Entire cost of such repairs/replacement of material will be deducted from any of the running bills/PBG.

In case of vendor fault when the repair is carried out by BHEL on components, the welding repair charges shall be @ Rs 11.80 per cc for carbon steel, Rs 12.60 per cc for alloy steel and Rs 16.60 per cc for stainless steel grades. In addition to this, if any other repair charges such as machining cost is incurred by BHEL the same shall be borne by the sub-contractor.

The components machined as per BHEL drawing should be free of machining/welding/gas cutting/fabrication defects. If the item is found defective after receipt during onward processing at Shop, total cost will be recovered from Sub-contractor as per clause no. 8c & 8d.

14. <u>CONFIDENTIALLY OF BHEL DRAWINGS/DOCUMENTS:</u>

Sub-contractor/s shall ensure confidentiality of BHEL drawings and documents issued to them and shall not pass on the same to any unauthorized agency/person. Violation of the same shall tantamount to cancellation of the contract of the Sub-contractor.

15. BANK GUARANTEE AND SECURITY DEPOSIT:

- a) Sub-contractor will have to execute a Bank Guarantee, in the prescribed format, for a sum of minimum 5% of the value of the maximum materials likely to be in possession of the Sub-contractor at any point of time. BG already submitted by the sub-contractor shall be taken into consideration and any additional requirement shall be conveyed by BHEL.
- b) Additionally, Security Deposit shall be recovered at the rate of 5 % from running bills of sub-



contractors in a calendar year. The Security Deposit shall carry no interest and shall be refundable in 2^{nd} quarter of next calendar year.

16. <u>INDEMNITY BOND:</u>

Sub-contractor shall have to indemnify BHEL for any loss to BHEL's material in custody of the Sub-contractor against theft or financial liability against funding agency/financial institution or any other loss. The bond is to be executed on non-judicial stamp paper as per the format prescribed by BHEL.

17. TERMS OF PAYMENT:

- a. Due payment against job work done shall be made within 45 days from receipt of invoice at IVP Goindwal and receipt of following documents:
 - i. Two copies of Invoice i.e. Original & Duplicate for Transporter. Vendors are required to mention GST of BHEL on Tax invoices.
 - ii. Original Challan
 - iii. Original Inspection Report (Not required for 100% Ok components)
- b. The rejected material should also be deposited along with the accepted material through Delivery Challan. BHEL releases payment through EFT mode ONLY. Necessary details may please be submitted by filling required format before release of payment.
- c. GST registration number is to be submitted by qualified vendor as per GST law
- d. Conditions relating to release of GST portion:
- e. Payment of GST portion will be released to vendor only upon completion of statutory requirement and further subject to following: The reimbursement of GST portion of invoice shall be released only upon: -
 - > Vendor declaring such invoice in his GSTR-1 and
 - > Receipt of goods and Tax invoice by BHEL and
 - ➤ Confirmation of payment of GST thereon by vendor on GSTN portal.
- f. Above is subject to receipt of goods/service and tax invoice thereof along with vendor declaring invoice in his return and paying GST within timeline prescribed for availing ITC by BHEL.
- g. In case GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied / leviable on BHEL.
- h. In case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest levied / leviable on BHEL.

18. AVAILING INPUT TAX CREDIT (ITC) BY BHEL:

- a. Since ITC can be availed only when BHEL is in possession of GST Tax invoice and after receipt of goods. Thus, vendor to ensure timely dispatch of goods and submission Tax invoice. It may be noted that in case of any delay in receipt of Tax Invoice and/or receipt of goods, the ITC availment by BHEL will get delayed thus entailing additional cash outflow & may even get denied if ITC availment timelines are breached.
- b. Further ITC can be availed only when vendor has declared such invoice in his outward supply Return GSTR-1 and after GST thereon has been paid by him at the time of filing of monthly Return.
- c. If GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount shall be recoverable from vendor along with interest levied/leviable on BHEL.
- d. Further, in case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest levied/leviable on BHEL.



19. LIABILITY UNDER REVERSE CHARGE (RCM)

Any GST liability arising on BHEL under Reverse Charge (RCM) before actual receipt of goods and/ or Invoice thereof would be subject to recovery of Interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of Invoices and other conditions specified in GST Law as applicable.

20. FIRM PRICES:

The contract shall be on the basis of firm prices. No variation in price shall be entertained during the currency of the Rate Contract.

21. Liquidated Damaged (LD): -

- a) Time is the essence of the contract.
- b) The ordered items shall be delivered as per the delivery period mentioned in the Purchase Order. It's the sole responsibility of the L1 bidder to pick the total material required for execution of purchase orders in one go. However, if the bidder lifts the material in instalments, the end delivery date for the project will remain unaffected (and no request for delivery extension will be entertained).

Note: Any delay on the part of BHEL to issue the material to vendor (say due to non-availability of plates) shall be suitable compensated in the form of delivery extension.

- c) In case the supplier supplies the ordered items beyond the delivery period specified, Liquidated Damages -LD as detailed below shall be will be levied from the supplier without prejudice to any other relief /compensation available to BHEL, Punjab under any other condition of the contract/applicable legal provisions.
- d) Failure to dispatch the materials in the time as per the delivery mentioned in our Purchase Order (PO) would make the supplier liable to an un-conditional LD at the rate of 0.5% of the undelivered order value per week of the delay or part thereof subject to a maximum of 10% of the undelivered order value.
- e) Any deviation from the above LD clause, loading will be applied to the extent to which it is not agreed by the bidder (at offered value).
- f) Indigenous: In case of Ex-works delivery terms, the document date (Invoice/Challan date) in Goods Receipt (GR) document shall be reckoned for LD deduction. In case of FOR Delivery terms, the posting date in GR document shall be reckoned for LD deduction.
- g) Import: For CFR terms, BL date will be considered for LD calculation.

BHEL reserves the right to receive or not receive the material after the due date of PO. Applicable GST shall also be recovered from suppliers/contractors on LD amount. For this Debit note will be issued by BHEL indicating the respective supply invoice number.

22. Breach of contract, Remedies and Termination-

In case of breach of contract, wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is 10% of the contract value or more, such security instruments to the extent of 10% contract value will be encashed. In case the value of the security instruments available is less than 10% of the contract value, the balance amount be recovered in all or any of the following manners:

- > from dues available in the form of Bills payable to defaulted supplier against the same contract.
- > from the dues payable to defaulted supplier against other contracts in the same Region/Unit /any other region/unit.
- ➤ In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier.

Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be



applied as per provisions of the contract.

23. FORCE MAJEURE:

If at any time during the continuance of the contract, the performance in which or in any part by either party of any obligations under the contract are prevented or delayed by reason of any war, hostilities, acts of public enemy, civil commotion, sabotage, fires, explosions, epidemics, quarantine restrictions, or acts of God (hereinafter referred to "an events" then provided the notice of happening of any such event is given by either party to the other within 21 days of the occurrence thereof, neither party shall by reason of such event be entitled to terminate the contract nor shall either party have any claim for damages against the other in respect of such non-performance and delay in performance and delivery under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist. If the performance in whole or part of any obligation under the contract is prevented or delayed by reason of any such event, claims of extension of time shall be granted for periods considered reasonable by BHEL subject to prior notification by the Vendor to BHEL of the particulars of the event and supply to BHEL, if required, of any supporting evidence. Any waiver of time in respect of partial installment shall not be deemed a waiver of time in respect of remaining deliveries.

24. **DISPUTES/ARBITRATION:**

In the event of any dispute and /or difference arising between the Sub-contractor and BHEL as to interpretation and/or execution of the contract and/or the respective rights and liabilities of the parties, such disputes and/or differences shall be referred to the sole arbitrator nominated by BHEL. The provisions of the Indian Arbitration Act and the rules there under shall apply to such arbitration. The award passed by the arbitrator shall be final and conclusively binding on all the parties.

25. JURISDICTION:

The court of the place from where the Sub-contracting order issued during the contractual period shall alone have jurisdiction to decide any dispute arising out of or in connection with the purchase order.

26. SUB-LETTING:

The Sub-contracting order or any part thereof shall not be Sub-contracted, assigned or otherwise transferred without giving the notification to BHEL in writing. However, vendor can outsource the Heat Treatment/Plating from authorized dealers of the process. But vendors have to submit certificate from third party to BHEL for the job undertaken.

27. MISCELLANEOUS:

- a) BHEL reserves the right to accept or reject any part or whole of the tender without assigning any reason thereof.
- b) The Tender Quantity mentioned is tentative only. Actual quantity may vary from this and is subject to availability of raw material/order booking with BHEL. For packaged items (Package 1 to 6), the PO qty specified in tender is being freezed and will not be changed after award, the counter offer will not be applicable for these items. For other/non-packaged items tender quantity may increase by 30% to L1 bidder, splitting between L1 and counter offered accepted bidders will be done in same proportion as mentioned in tender terms.
- c) BHEL reserves the right to discontinue any component/change scope of work/assembly as the need arises from time to time during the currency of tender.
- d) In case of any loss that might be caused to BHEL due to lapse on the part of the workers deployed by Sub-contractor, such loss shall be compensated by Sub-Contractor and in this connection, BHEL has the right to deduct appropriate amount from his bills etc. to make good of such loss to BHEL



beside imposition of penalty. In case of any deficiencies /lapses on the part of personnel deployed by Sub contractor, BHEL shall be within its right to terminate the contract forthwith or take any other action without assigning any reasons whatsoever.

- e) (i) Package material will not be issued in one go and depends on availability of the raw material.
 - (ii) A single group of items have different material codes with similar scope of machining work.
- f) During the currency of the Rate Contract, if any new component with new material code but under same size & similar scope of Machining work appears, vendor shall be liable to machine it under final RC rate as per RC terms and conditions.
- g) All Personnel Protective Equipment's/Safety Equipment's are to be provided by Sub Contractors to its workers deployed for work inside BHEL premises.
- h) <u>In case of death/mishap/physical disability occurred during discharging the duties by Sub Contractor/workers deployed by Sub Contractors inside BHEL premises, the compensation liability solely rests with the Sub Contractor.</u>
- i) The identification and traceability w.r.t Make/Melt/Heat & Material type of raw material issued to Sub Contractor shall be maintained by him during processing and onward final submitting the components in BHEL Stores. BHEL reserves the right to verify the compositions/mechanical/chemical properties of parent material at any stage of processing at Sub Contractors end and also of final machined components submitted in BHEL stores.
- j) The Sub Contractor shall supply the finished components with proper packing arrangement as specified in respective Purchase Order(s).
- k) The Sub Contractor(s) who have deployed their labor for work within BHEL Premises shall be responsible for compliance of following Labour laws/Acts-
 - 1. Payment of Wages Act 1936.
 - 2. The Employees Provident Fund and Miscellaneous Provision Act 1952.
 - 3. The Factory Act 1948.
 - 4. The Employee State Insurance Act 1948.
 - 5. The Employment of Children's Act 1938.
 - 6. The Minimum Wages Act 1948.
 - 7. Workmen Compensation Act 1923

(Any other Labour laws as applicable will be taken into consideration for compliance of labour laws in this contract.)

l) For this procurement, Public procurement (Preference to Make in India), Order 2017 dtd 15.06.2017, 28.05.2018, 29.05.2019 & 04.06.20 and subsequent orders issued by the respective Nodal ministry shall be applicable even if issued after the issue of this NIT but before finalization of contract /PO/WO 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. Further with ref to above-mentioned order self-certification from all bidders is required as mentioned below:

The 'Class-I local supplier'/'Class-II local supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that item offered meets the local content requirement for 'Class-I local supplier'/'Class-II local supplier', as the case may be. They shall also give details of the location(s) at which the local value addition is made.

- m) Rates for job works done under partial operations /rework orders will be as per Rate Schedules finalized by BHEL (Annexure1 Part A, B & C attached with tender terms for reference of bidders).
- n) Abridged version of Guidelines for Suspension of business dealings with suppliers/contractors are available at below mentioned link https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors
- o) BHEL may ask detailed working of cost estimation from bidders during tender processing for any items quoted by bidders.

28. PERFORMANCE MONITORING:



- a) The Sub-contractor/s with whom contract is entered into will be evaluated based on the "System for Performance Monitoring & Rating for Vendors".
- b) Performance Rating will be taken into consideration while releasing further orders on the Sub-contractor. Based on performance of the Sub-contractor, supplier control checks will be specified from time to time and will be binding on the sub-contractor.
- c) The Supplier Performance Rating shall be used for assessing the performance of a supplier in comparison with other suppliers with a view to decide whether or not to continue to procure the products from the supplier if the Supplier Performance Rating is below a certain limit.
- d) For more details on Supplier Performance Rating, supplier can read Para 9.0 in abridged version available at following link: -

https://www.bhel.com/sites/default/files/SEARP-2016 abridged for web.pdf

e) The feedback to the supplier shall be posted every quarter. In addition, the annual SPR rating shall also be intimated to the supplier. In case, the vendor does not contest the SPR ratings within 15 days of the availability of SPR on B2B portal, it shall be construed that the vendor has accepted the SPR ratings provided by BHEL.

29. <u>DEALING WITH BANNED SUPPLIERS / CONTRACTORS:</u>

The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL web site www.bhel.com.

- 1. Integrity commitment, performance of the contract and punitive action thereof:
- a. Commitment by BHEL: BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. During the tender process, BHEL will treat all Bidder(s) in a transparent and fair manner, and with equity.
- b. Commitment by Bidder/ Supplier/ Contractor:
 - The bidder/ supplier/ contractor commits to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India.
 - The bidder/ supplier/ contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by Govt. of India/ BHEL.
 - ➤ The bidder/ supplier/ contractor will perform/ execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business/ money/ reputation, to BHEL.

If any bidder/ supplier/ contractor during pre-tendering/ tendering/ post tendering/ award/ execution/ post-execution stage indulges in mal-practices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India, then, action may be taken against such bidder/ supplier/ contractor as per extant guidelines of the company available on www. bhel.com and/or under applicable legal provisions".

30. WORDS AND FIGURES:

- a) If, in the price structure quoted for the required goods/ services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity}, the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
- b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and



- c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.
- d) If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.
- e) Bid should be free from correction, overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else bid shall be liable for rejection. All overwriting/ cutting, etc will be numbered by bid opening officials and announced during bid opening.

31. PREFERENCES FOR MSE's:

Preferences* as mentioned in "Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012" & "Public Procurement Policy for Micro and Small Enterprises (MSEs) Amendment Order, 2018" or as per latest guidelines issued by government shall be given to Micro and Small enterprises.

MSE suppliers can avail the indented 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 CA certificate (where deemed validity of EM II certificate of five year has been expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the last date of bid opening (Part-I in case of two-part bid). Non-submission of such documents will lead to consideration of their bids at par with other bidders. No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. Documents should be notarized or attested by the Gazetted officer. Copy of Udyog Aadhaar/UDYAM certificate can also be submitted

*All these preferences are applicable subject to the submission of applicable certificates (i.e. District Industries Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises).

Necessary Document to be submitted in Part-I: -

	Acceptance of all techno-commercial terms and conditions. If nothing is mentioned for any
	terms and condition, it shall be concluded that the same is accepted.
	Attested Copy of MSME/SSI/NSIC Certificate (if applicable). Copy of Udyog Aadhaar/
UDY	AM certificate can also be submitted
	Attested Copy of CA Certificate certifying quantum of investment in Plant and machinery,
(plea	se refer Clause 29)
	Un-priced bid with all taxes and duties (extra/inclusive) and % mentioned. Document to be
	submitted in Part-II: Rates per pc (no.) mentioned in figures as well as in words. No other condition
	shall be mentioned

32. SUPPLIED MATERIAL ADJUSTMENT:

Item/s pending in previous PO has to be billed in previous PO only. Otherwise BHEL will be free to adjust the supplies in previous PO. Any implication of Taxes will be on supplier's account. For this it is desirable to reconcile the pending PO statement every month/frequently. Vendor can ask for pending PO's from BHEL anytime.

33. Fraud Prevention:

"The bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL



website http://www.bhel.com and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice."

34. Submission of signed & stamped documents

Part 1 & Part 2	Requirement	Summary of documents to be Submitted	
	Financial Turnover	Audited Balance Sheets or CA Certificate with UDIN (for FY 2022–23, and 2023–24) For Start-Up Exemption (if applicable): DPIIT/DIPP Recognition Certificate	
	Proof of MSME	Copy of UDYAM certificate.	
Part 1/Unpriced Bid	Techno-Commercial cum Unpriced bid	Completely filled format provided in Part-1 of tender	
	Details/undertaking on company's letter head	CNC Machine Ownership/Availability, (For package items) Bar stock cutting facility (For package items). Machining capability at vendor's own premises is suitable for the machining of quoted items (For all quoted tender items)	
	Proof of Experience	Relevant PO- Machining Drawing- Invoiced Copy	
Part 2/Priced Bid	Bid Submission	Item-wise Quotation	

[&]quot;Documents submitted with the offer shall be stamped and signed in each page by the authorized representative of the bidder".

For and on behalf of BHEL

s/d

Simran Singh Dy. Manager/Sub-Contg.



PART - B

SYSTEM FOR PERFORMANCE MONITORING & RATING FOR VENDORS

1. The Supplier Performance Rating shall be used for assessing the performance of a supplier in comparison with other suppliers with a view to decide whether or not to continue to procure the products from the supplier if the Supplier Performance Rating is below a certain limit.

2. Supplier Performance Rating (SPR):

Supplier performance shall be assessed considering the following main factors and calculated for each consignment / purchase order:

Rating	Weightage
Quality	60
Delivery	30
Service	10
Total	100

2.1 **Quality Rating (OR):**

Quality rating is based on acceptable quantity of material offered for inspection or delivered by supplier and shall be calculated as:

Quality Rating (QR) =
$$(Q1 + 0.75 \times Q2 + 0 \times Q3) \times 60$$

Q	Quantity inspected
Q1	Quantity accepted
Q2	Quantity accepted with concession/deviation/rectification
Q3	Quantity rejected

2.2 Delivery Rating (DR):

Supplier will be rated on delivery parameters wherein Delivery rating shall be 30 in case of adherence to PO delivery.

For non-adherence to PO delivery (i.e. delay in supply), marks to be deducted in proportion of delay to PO delivery.

Deduction = 30*delay in days/PO delivery in days

DR = 30 - Deduction

Note:

- a) Delay is calculated as per PO delivery terms.
- b) In cases, where delay is on account of BHEL in providing raw materials/ tools/ any other input, the delivery shall be extended with amendment to PO.
- c) In case of rectification/replacement of item, the delivery is to be reckoned from the original supply date.

2.3 Service Rating (SR) 10% Weightage:

The criteria for service rating shall be based on the Demerit factor (negative rating) to be updated by



the User/ Quality/ MM (Sub Contg) group. The service rating shall be 10 in case there is no negative

feedback against the vendor for the given supply. Else, the service rating should be reduced proportionally based on the Demerit factor.

In case negative feedback (substantiated by documentary evidence) is received from Shop Floor/ Site on the supplies made, at a later date, demerit factor shall be applied again accordingly Supplier Performance Rating (SPR) = QR + DR + SR

3. <u>Usage of Supplier Performance Rating:</u>

The following action is recommended based on SPR score: -

SPR Score	Grade	Action
>90	A	Supplier can be considered for self-certification or for reduced
>75 <=90	В	Supplier may be informed for improvement
>=60 <=75	С	Identification of areas for improvement by MISCC - Approval of Product Manager/ Head of MM (not below the rank of AGM) for limited tender enquiry
<60	D	To be dealt in accordance with extant guidelines on Suspension of Business Dealings with Suppliers/ Contractors

4. Feedback to suppliers regarding performance rating:

The feedback to the supplier shall be posted every quarter. In addition, the annual SPR rating shall also be intimated to the supplier. In case, the vendor does not contest the SPR ratings within 15 days of the dispatch of SPR rating by BHEL, it shall be construed that the vendor has accepted the SPR ratings provided by BHEL.

For and on behalf of BHEL

s/d Simran Singh Dy. Manager/Sub-Contg



a1 a2 a3 a4 a5 a6 a7 a7 a9 B b1 b2 b3 b4	Gate Valve Body Machining Rate Transportation Cost Job Setting Cost Q=Z-(a1+a2) Body Top Flange Complete Machining a.3.1 Top Flange Drilling and Counters Seat Machining (Both Sides) Guide Machining (Both Sides) Guide Machining (Both Flanges) Complete Machining in BW Bodies a.6.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides) a.6.2 Edge Preparation only Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Cut Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost Q=Z-(b1+b2)	@ 5% of Z @ 3% of Z @ 3% of Z @ 20% of C @ 5% of Q @ 15% of C @ 15% of C @ 19% of C @ 6% of Q @ 25% of C @ 19% of C @ 5% of Q @ 25% of C @ 35% of Q
a2 a3 a4 a5 a6 a7 a7 a9 B b1 b2	Job Setting Cost Q=Z-(a1+a2) Body Top Flange Complete Machining a.3.1 Top Flange Drilling and Counters Seat Machining (Both Sides) Guide Machining (Both Sides) Side Flange (Both Flanges) Complete Machining in BW Bodies a.6.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides) a.6.2 Edge Preparation only Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Cut Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 3% of Z @ 20% of C @ 5% of Q @ 15% of C @ 15% of C @ 25% of C @ 19% of C @ 6% of Q @ 12% of C @ 5% of Q
a3 a4 a5 a6 a7 a7 a9 B b1 b2	Q=Z-(a1+a2) Body Top Flange Complete Machining a.3.1 Top Flange Drilling and Counters Seat Machining (Both Sides) Guide Machining (Both Sides) Side Flange (Both Flanges) Complete Machining in BW Bodies a.6.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides) a.6.2 Edge Preparation only Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Cut Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 20% of C @ 5% of Q @ 15% of C @ 15% of C @ 25% of C @ 19% of C @ 25% of C @ 19% of C @ 19% of C @ 12% of C @ 5% of Q
a4 a5 a6 a7 a7 a9 B b1 b2	Body Top Flange Complete Machining a.3.1 Top Flange Drilling and Counters Seat Machining (Both Sides) Guide Machining (Both Sides) Side Flange (Both Flanges) Complete Machining in BW Bodies a.6.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides) a.6.2 Edge Preparation only Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Cut Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 5% of Q @ 15% of Q @ 40% of Q @ 15% of Q @ 15% of Q @ 25% of Q @ 6% of Q @ 25% of Q @ 19% of Q @ 12% of Q @ 12% of Q Z @ 5% of Q
a4 a5 a6 a7 a7 a9 B b1 b2	a.3.1 Top Flange Drilling and Counters Seat Machining (Both Sides) Guide Machining (Both Sides) Side Flange (Both Flanges) Complete Machining in BW Bodies a.6.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides) a.6.2 Edge Preparation only Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Cut Cost (Both Sides) Serration Removal/ Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 5% of Q @ 15% of Q @ 40% of Q @ 15% of Q @ 15% of Q @ 25% of Q @ 6% of Q @ 25% of Q @ 19% of Q @ 12% of Q @ 12% of Q Z @ 5% of Q
a5 a6 a7 a7 a9 B b1 b2	Seat Machining (Both Sides) Guide Machining (Both Sides) Side Flange (Both Flanges) Complete Machining in BW Bodies a.6.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides) a.6.2 Edge Preparation only Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Cut Cost (Both Sides) Serration Removal/ Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 15% of C @ 40% of C @ 15% of C @ 15% of C @ 25% of C @ 19% of C @ 19% of C @ 6% of Q @ 12% of C @ 5% of Q
a5 a6 a7 a7 a9 B b1 b2	Guide Machining (Both Sides) Side Flange (Both Flanges) Complete Machining in BW Bodies a.6.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides) a.6.2 Edge Preparation only Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Out Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 40% of C @ 15% of C @ 25% of C @ 19% of C @ 25% of C @ 19% of C @ 19% of C @ 6% of Q @ 12% of C @ 5% of C
a5 a6 a7 a7 a9 B b1 b2	Guide Machining (Both Sides) Side Flange (Both Flanges) Complete Machining in BW Bodies a.6.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides) a.6.2 Edge Preparation only Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Out Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 15% of C @ 25% of C @ 19% of C @ 6% of Q @ 25% of C @ 19% of C @ 6% of Q @ 5% of Q Z @ 5% of Z
a6 a7 a7 a9 B b1 b2 b3 b4	Side Flange (Both Flanges) Complete Machining in BW Bodies a.6.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides) a.6.2 Edge Preparation only Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Cut Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 25% of C @ 19% of C @ 6% of Q @ 25% of C @ 19% of C @ 6% of Q @ 12% of C @ 5% of Q
a7 a7 a9 B b1 b2 b3 b4	a.6.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides) a.6.2 Edge Preparation only Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Cut Cost (Both Sides) Serration Removal/ Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 19% of C @ 6% of Q @ 25% of C @ 19% of C @ 6% of Q @ 12% of C @ 5% of Q
a7 a9 B b1 b2 b3 b4	a.6.2 Edge Preparation only Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Cut Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 6% of Q @ 25% of Q @ 19% of Q @ 12% of Q @ 5% of Q
a7 a9 B b1 b2 b3 b4	Side Flange (Both Flanges) Complete Machining in FL Bodies a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Cut Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 25% of C @ 19% of C @ 6% of Q @ 12% of C @ 5% of Q
a7 a9 B b1 b2 b3 b4	a.7.1 Flange Turning & Facing (Both Sides) except drilling a.7.2 Drilling & Counters Skim Out Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body M achining Rate Transportation Cost Job Setting Cost	@ 19% of C @ 6% of Q @ 12% of C @ 5% of Q Z @ 5% of Z
b1 b2 b3 b4	a.7.2 Drilling & Counters Skim Cut Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body M achining Rate Transportation Cost Job Setting Cost	@ 6% of Q @ 12% of C @ 5% of Q Z @ 5% of Z
b3 b4	Skim Cut Cost (Both Sides) Serration Removal/Serration Forming (Both Sides) Flap Valve Body M achining Rate Transportation Cost Job Setting Cost	@ 12% of C @ 5% of Q Z @ 5% of Z
b1 b2 b3 b4	Serration Removal/Serration Forming (Both Sides) Flap Valve Body Machining Rate Transportation Cost Job Setting Cost	@ 5% of Q Z @ 5% of Z
b1 b2 b3 b4	Transportation Cost Job Setting Cost	@ 5% of Z
b3 b4	Job Setting Cost	
b3 b4 b5	Job Setting Cost	
b4 b5	Q=Z-(b1+b2)	
o4 o5		
b4 b5	Body Seat Machining	@40% of Q
b5	Body Top Flange Complete Machining	@ 20% of C
	b.4.1 Top Flange Drilling and Counters	@ 5% of Q
	b.4.2 Top Flange Balance Machining	@ 15% of C
h6	Side Flange (Both Flanges) Complete Machining in BW Bodies	@ 25% of C
h6	b.5.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides)	@ 19% of C
h6	b.5.2 Edge Preparation only	@ 6% of Q
	Side Flange (Both Flanges) Complete Machining in FL Bodies	@ 25% of C
	b.6.1 Flange Turning & Facing (Both Sides) except drilling	@ 19% of C
	b.6.2 Drilling & Counters	@ 6% of Q
b7	Hinge Pin Complete Drilling & Tapping	@15% of Q
	b.7.1 Hinge Pin Drilling b.7.2 Tapping and Plug Seat Machining	@8% of Q @7% of Q
b8	Skim Out Cost	@ 12% of C
b9	Seat Ring Removal	@2.5% of C
o10	Serration Removal/Serration Forming (Both Sides)	@ 5% of Q
C	Globe Valve Body Machining Rate	Z
	Transportation On the	0.50/ / 5
c1 -0	Transportation Cost	@ 5% of Z
c2	Job Setting Cost	@ 3% of Z
	Q=Z-(c1+c2)	
c3	Body Top Flange Complete Machining	@ 20% of C
	·	@ 5% of Q
	c.3.1 Top Flange Drilling and Counters	@ 15% of C
c4 c5	c.3.1 Top Flange Drilling and Counters c.3.2 Top Flange Balance Machining Seat Machining complete	@ 55% of C

	c.5.1 OD, ID, Facing & Collar Turning complete except Edge Preparation (Both Sides)	@ 19% of Q
	c.5.2 Edge Preparation only	@ 6% of Q
c6	Side Flange (Both Flanges) Complete Machining in FL Bodies	@ 25% of Q
	c.6.1 Flange Turning & Facing (Both Sides) except drilling	@ 19% of Q
	c.6.2 Drilling & Counters	@ 6% of Q
с7	Skim Cut Cost	@ 12% of Q
с8	Seat Ring Removal	@ 2.5% of Q
с9	Serration Removal/Serration Forming (Both Sides)	@ 5% of Q
	,	
D	Yoke cum Bonnet / Bonnet Machining Rate	Z
d1	Transportation Cost	@ 5% of Z
d2	Job Setting Cost	@ 3% of Z
	Q=Z-(d1+d2)	
40	Dettern Flance Complete Machining	@C00/ - f C
d3	Bottom Flange Complete Machining	@60% of Q
	d.3.1 Bottom Flange including Turning/Facing/Step Machining/Backseat Bush Step Mach	
-14	d.3.2 Bottom Flange Drilling/Counters	@10% of Q
d4	Top Flange Complete Machining	@20% of Q
	d.4.1 Top Flange including Turning/ Facing/ Step Machining	@15% of Q
	d.4.2 Top Flange Drilling/ Counters	@5% of Q
d5	Bore Machining	@20% of Q
E	Gate Valve Wedges Machining Rate	Z
e1	Transportation Cost	@ 5% of Z
e2	Job Setting Cost	@ 3% of Z
	Q=Z-(e1+e2)	
e3	T-Slot Complete Machining	@ 40% of Q
	e.3.1 T-Slot Base Machining	@ 20% of Q
	e.3.2 T-Sot Balance Machining	@ 20% of Q
e4	Guide Machining(Both Sides)	@ 30% of Q
e5	Seat Machining (Both Sides)	@ 30% of Q
_		_
F	Final Flap Assy Machining Rate	Z
f1	Transportation Cost	@ 5% of Z
f2	Job Setting Cost	@ 3% of Z
	Q=Z-(f1+f2)	
f3	Nut & Washer Machining Rate	@ 35% of Q
f4	Flap Machining Rate	@ 65% of Q

NOTE: For offloading the job for partial opration, Transportation cost and Job setting cost shall be given in addition to the cost of that operation.

	chedule of Machining Rates for Partial Opera	ations (Part b)
Α	Gate Valve Body Machining Rate	Z
	and the same and the same grants	
a1	Transportation Cost	@ 5% of
	Q=Z-(a1)	
a8	Seat Ring Removal (Both Sides)	@ 40% of
a10	Welded Seat Machining (Both Side)	@ 50% of
В	Flap Valve Body Machining Rate	Z
b1	Transportation Cost	@ 5% of
	Q=Z-(b1)	
h 1 0		@ 500/ a4
b10	Welded Seat Machining	@ 50% of
G	Stem Machining Rate	Z
g1	Transportation Cost	@ 5% of
	Q=Z-(g1)	
g2	Rough Machining	@30% of
	g2.1 Key Way/ Slotting	@5% of
g3	Threading	@30% of
g4	Head Machining	@20% of
	g4.1 T-Sot machining	@10% of
g5	Finishing/Grinding	@20% of
Н	Isolating Valve body Machining Rate	Z
h1	Transportation Cost	@ 4% of
	Q=Z-(h1)	
h2	Machining of Side edge, bore and collar (First edge)	@ 20% of
	h2.1 Test Collar back side	@ 8% of
h3	Machining of Side edge, bore and collar (Second edge)	@ 20% of
	h2.2 Test Collar back side	@ 8% of
h4	Seat Machining (First side)	@ 18% of
h5	Seat Machining (Second side)	@ 18% of
h6	Top Flange	@ 18% of
h7	Drilling & Tapping	@ 6% of

NOTE: For offloading the job for partial operation, Transportation cost shall be given in addition to the cost of that operation.

	Schedule of Machining Rates for Partial Operations in TOA Valves (PART C)							
Α	TOA Valve Body Machining Rate	Z						
a1	Transportation Cost	@ 5% of Z						
a2	Job Setting Cost	@ 3% of Z						
	Q=Z-(a1+a2)							
a3	Top Flange turning and drilling	@ 5% of Q						
a4	Threading	@ 20% of Q						
a5	Internal groove machining	@ 5% of Q						
a6	Mol. Stainless steel weld bore machining	@ 15% of Q						
a7	Internal boring machining	@ 10% of Q						
a8	Total Length machining	@ 5% of Q						
a9	Stellite-6 welded seat machining	@ 40% of Q						

				Annexure	-2				
Tender Sl. No.	Group No.	Job/Component Description	Description of Valve/ Product (Used in)	Item Category	Package	Counter offer Remarks	Drag No./Var/Rev.	Qty	UoM
1	G1672	Back Seat Rough	10-C150-GV-FL-HW-WCB	Backseat	Package 1	No Counter offer Applicable	3VNC1024005/000/00	250	NO.
2	G1674	Back Seat Rough	10-C300-GV-BW-HW-WCB	Backseat	Package 1	No Counter offer Applicable	3VN06506879/000/06	250	NO.
3	G2092	Back Seat Rough	10-C300-RV-BW-MO- WCB/WC9	Backseat	Package 1	No Counter offer Applicable	3VP80435286/000/00	50	NO.
4	G1979	Back Seat Rough	10-C600-GV-FL-MO-WCB/WC9	Backseat	Package 1	No Counter offer Applicable	3VF50617562/000/00	100	NO.
5	G1675	Back Seat Rough	12-C150-GV-BW-MO-WCB	Backseat	Package 1	No Counter offer Applicable	3VN04117090/000/05	150	NO.
6	G1676	Back Seat Rough	12-C300-GV-FL-GO-WC6/NC	Backseat	Package 1	No Counter offer Applicable	4VNC4026631/000/00	150	NO.
7	G2270	Back Seat Rough	12-C300-RV-BW-MO-WCB	Backseat	Package 1	No Counter offer Applicable	3VP36624365/000/01	100	NO.
8	G1943	Back Seat Rough	12-C600-GV-BW-GO- WCB/WC9	Backseat	Package 1	No Counter offer Applicable	3VF50717562/000/00	75	NO.
9	G1677	Back Seat Rough	14-C150-GV-FL-MO-WCB	Backseat	Package 1	No Counter offer Applicable	3VN10517090/000/05	75	NO.
10	G658a	Back Seat Rough	14-C600-RV-BW-MO-WCC	Backseat	Package 1	No Counter offer Applicable	3VNH5023526	75	NO.
11	G1679	Back Seat Rough	16-C150-GV-BW-MO-WCB	Backseat	Package 1	No Counter offer Applicable	3VN35017090/000/03	100	NO.
12	G1680	Back Seat Rough	16-C300-GV-FL-MO-WCB/WC9	Backseat	Package 1	No Counter offer Applicable	3VN43617760/000/00	250	NO.
13	G2019	Back Seat Rough	20-C150-GV-BW-MO-WCB-BP	Backseat	Package 1	No Counter offer Applicable	3VN22417090/000/05	100	NO.
14	G2045	Back Seat Rough	20-C300-GV-BW-GO- WCB/WC9	Backseat	Package 1	No Counter offer Applicable	3VN43717760/000/00	50	NO.
15	G2154	Back Seat Rough	22-C300-GV-BW-GO-WCB	Backseat	Package 1	No Counter offer Applicable	3VN83417090/000/01	50	NO.
16	G2064	BACK SEAT ROUGH- N361	24-C150-GV-BW-GO-WCB	Backseat	Package 1	No Counter offer Applicable	3VN36117090/000/03	50	NO.
17	G2063	Back Seat Rough	24-C150-GV-BW-MO-WCB-SG	Backseat	Package 1	No Counter offer Applicable	3VNL9223448/000/00	30	NO.
18	G2063a	Back Seat Rough	28-C300-GV-BW-MO-WCB	Backseat	Package 1	No Counter offer Applicable	3VNL0535285/000/00	30	NO.
19	G1685	BACK SEAT ROUGH- P354	2-C300-RV-BW-HO-WC9-SG	Backseat	Package 1	No Counter offer Applicable	3V247995510	50	NO.
20	G2719	BACK SEAT ROUGH- N827	32-C150-GV-BW-GO-WCB-BP	Backseat	Package 1	No Counter offer Applicable	2VN14708118/000/00	30	NO.
21	G1688	Back Seat Rough	3-C150-GV-BW-HW-WCB/WC9	Backseat	Package 1	No Counter offer Applicable	3VN02517090/000/03	300	NO.
22	G698	BACK SEAT-2479	3-C300-RV-BW-HO-WCB	Backseat	Package 1	No Counter offer Applicable	2V288601824/000/01	250	NO.
23	G1690	Back Seat Rough	3-C300-RV-BW-HW-WC6	Backseat	Package 1	No Counter offer Applicable	3V247995510	50	NO.
24	G1692	BACK SEAT ROUGH- F502	3-C600-GV-BW-HO-WCC	Backseat	Package 1	No Counter offer Applicable	3VF51217643/000/00	50	NO.
25	G1691	Back Seat Rough	3-C600-GV-BW-MO- WC6/CF8M	Backseat	Package 1	No Counter offer Applicable	3VF92117561/000/01	50	NO.
26	G1693	Back Seat Rough	4-C150 GV WC6/WC9	Backseat	Package 1	No Counter offer	3VN06506879	50	NO.
27	G689	Back Seat Final F6	4-C150-GV-BW-HW-WCB	Backseat	Package 1	Applicable No Counter offer	3VN03317554/000/01	200	NO.
28	G1695	Back Seat Rough	4-C300-GV-FL-HW-WCB	Backseat	Package 1	Applicable No Counter offer	3VN03317090/000/04	150	NO.
29	G697	Back Seat Final F6	4-C300-RV-FL-HW-WCB	Backseat	Package 1	Applicable No Counter offer	2V247805749/000/01	75	NO.
30	G1696	Back Seat Rough	4-C300-RV-FL-HW-WCB	Backseat	Package 1	Applicable No Counter offer	2V247805749/000/01	600	NO.
31	G1698a	Back Seat Rough	4-C600-GV-BW-HW-CF8	Backseat	Package 1	Applicable No Counter offer	3VF91317562/000/00	50	NO.
32	G1698	Back Seat Rough	4-C600-GV-BW-HW-	Backseat	Package 1	Applicable No Counter offer	3VF51317644/000/00	50	NO.
33	G1701	BACK SEAT ROUGH-	WCC/WCB 5-C150-GV-BW-PN-WCB	Backseat	Package 1	Applicable No Counter offer	3VNC0617090/000/01	200	NO.
34	G1702	NC06 BACK SEAT ROUGH-	5-C300-GV-BW-HO-WCB	Backseat	Package 1	Applicable No Counter offer	3VN01706879/000/05	100	NO.
35	G706	N017 Back Seat Final F6	6-C150-GV-WCB	Backseat	Package 1	Applicable No Counter offer	3VN21595171/000/00	300	NO.
36	G715	Back Seat Final F6	6-C300-GV-WCB	Backseat	Package 1	Applicable No Counter offer	3VU21024072/000/00	75	NO.
37	G1703	Back Seat Rough	6-C300-RV-BW-HW-WCB	Backseat	Package 1	Applicable No Counter offer	3V248006603/000/01	200	NO.
38	G1706	Back Seat Rough	6-C600-GV-BW-HW-	Backseat	Package 1	Applicable No Counter offer	3VF50417562/000/00	50	NO.
39	G1708	Back Seat Rough	WCB/WCC 8-C150-GV-BW-HW-WCB	Backseat	Package 1	Applicable No Counter offer	3VNC1635285/000/00	300	NO.
40	G1708				Package 1	Applicable No Counter offer		150	NO.
40	G1/11	Back Seat Rough	8-C300-GV-BW-MO-WCB	Backseat	rackage i	Applicable	3VN08917090/000/04	150	INU.

				Annexure-	2				
Tender Sl. No.	Group No.	Job/Component Description	Description of Valve/ Product (Used in)	Item Category	Package	Counter offer Remarks	Drag No./Var/Rev.	Qty	UoM
41	G735	Back Seat Final F6	8-C300-GV-WCB	Backseat	Package 1	No Counter offer Applicable	3VU21124072/000/00	150	NO.
42	G1712	Back Seat Rough	8-C300-RV-BW-HW-WCB	Backseat	Package 1	No Counter offer Applicable	3V267006603/000/01	100	NO.
43	G739	Back Seat Final F6	8-C300-RV-WCB	Backseat	Package 1	No Counter offer Applicable	3V267006603/000/01	50	NO.
44	G1713	Back Seat Rough	8-C600-GV-BW-GO-WCB/WCC	Backseat	Package 1	No Counter offer Applicable	3VF50517562/000/00	50	NO.
45	G976	Gland Follower	10-C150-GV-WCB/NC	Gland Follower	Package 2	No Counter offer Applicable	3VNC1024097/000/00	300	NO.
46	G979	Gland Follower	10-C300-GV-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VN06506882/000/01	300	NO.
47	G980	Gland Follower	10-C300-RV-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VP36617675/000/01	150	NO.
48	G1981	Gland Follower	10-C600-GV-FL-MO-WCB-BP	Gland Follower	Package 2	No Counter offer Applicable	3VF53617675/000/00	50	NO.
49	G982	Gland Follower	12-C150-GV-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VN04106882/000/01	300	NO.
50	G1944	Gland Follower	12-C600-GV-BW-GO-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VF53717675/000/00	150	NO.
51	G985	Gland Follower	14-C150-GV-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VN10506882/000/02	300	NO.
52	G986	Gland Follower	16-C150-GV-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VN35006882/000/00	300	NO.
53	G987	Gland Follower	16-C300-GV-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VN43606882/000/00	300	NO.
54	G987a	GLAND FOLLOWER- NH51	16-C400-RV-BW-MO-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VNH5125184/000/00	75	NO.
55	G2028	Gland Follower	20-C150-GV-BW-MO-WCB-BP	Gland Follower	Package 2	No Counter offer Applicable	3VN22406882/000/00	50	NO.
56	G2048	Gland Follower	20-C300-GV-BW-GO-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VK96617059/000/00	150	NO.
57	G2156	Gland Follower	22-C300-GV-BW-GO-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VNE9606882/000/00	50	NO.
58	G2067	Gland Follower	24-C150-GV-BW-MO-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VN36106882/000/00	50	NO.
59	G990	Gland Follower	2-C150-GV-CF8	Gland Follower	Package 2	No Counter offer Applicable	3VN47217059/000/00	300	NO.
60	G992	Gland Follower	2-C300-GV-WCB	Gland Follower	Package 2	No Counter offer	3VN20106882/000/00	150	NO.
61	G993	Gland Follower	2-C300-RV-WCB	Gland Follower	Package 2	Applicable No Counter offer	3V247603689/000/01	150	NO.
62	G2617	GLAND FOLLOWER-	32-C150-GV-BW-MO-WCB-SG	Gland Follower	Package 2	Applicable No Counter offer	3VN82723540/000/01	30	NO.
63	G995	N827 Gland Follower	3-C150-GV-CF8M	Gland Follower	Package 2	Applicable No Counter offer	3VN28617059/000/00	300	NO.
64	G996	Gland Follower	3-C150-GV-WCB/WC6	Gland Follower	Package 2	Applicable No Counter offer	3VN02506882/000/01	1000	NO.
65	G997	Gland Follower	3-C300-RV-CF8M	Gland Follower	Package 2	Applicable No Counter offer	2V237501815/000/01	150	NO.
66	G998	Gland Follower	3-C300-RV-WCB	Gland Follower	Package 2	Applicable No Counter offer	3VP26603689/000/00	50	NO.
67	G999	Gland Follower	3-C600-GV-WCB	Gland Follower	Package 2	Applicable No Counter offer	3VF53217675/000/00	150	NO.
68	G1000	Gland Follower	4-C150-GV-CF8M	Gland Follower	Package 2	Applicable No Counter offer	3VN28517059/000/00	300	NO.
69	G1000	Gland Follower	4-C150-GV-WCB	Gland Follower	Package 2	Applicable No Counter offer	3VN03306882/000/01	750	NO.
	G1002					Applicable No Counter offer		150	NO.
70		Gland Follower Gland Follower	4-C300-GV-CF8M	Gland Follower	Package 2	Applicable No Counter offer	3VM35717308/000/00		
71	G1004		4-C300-SV-WCB	Gland Follower	Package 2	Applicable No Counter offer	3V247803689/000/01	1000	NO.
72	G1005a	Gland Follower	4-C600-GV-CF8M	Gland Follower	Package 2	Applicable No Counter offer	3VF91317675/000/00	50	NO.
73	G1006	Gland Follower	6-C150-GV-CF8M/CF8	Gland Follower	Package 2	Applicable No Counter offer	3VN28417059/000/00	300	NO.
74	G1008	Gland Follower	6-C150-GV-WCB	Gland Follower	Package 2	Applicable No Counter offer	3VN00106882/000/01	500	NO.
75	G1012	Gland Follower	6-C300-GV-WCB	Gland Follower	Package 2	Applicable No Counter offer	3VN01706882/000/01	300	NO.
76	G1013	Gland Follower	6-C300-RV-WCB	Gland Follower	Package 2	Applicable No Counter offer	3V248003689/000/01	300	NO.
77	G1014	Gland Follower	6-C600-GV-WCB	Gland Follower	Package 2	Applicable No Counter offer	3VF53417675/000/00	100	NO.
78	G1015	Gland Follower	8-C150-GV-CF8M	Gland Follower	Package 2	Applicable	3VND1506882/000/00	300	NO.
79	G1016	Gland Follower	8-C150-GV-WCB	Gland Follower	Package 2	No Counter offer Applicable	4VNC0826441/000/00	50	NO.
80	G1019	Gland Follower	8-C300-GV-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VN08906882/000/01	500	NO.

				Annexure-	2				
Tender Sl. No.	Group No.	Job/Component Description	Description of Valve/ Product (Used in)	Item Category	Package	Counter offer Remarks	Drag No./Var/Rev.	Qty	UoM
81	G1020	Gland Follower	8-C300-RV-WCB	Gland Follower	Package 2	No Counter offer Applicable	3V267003689/000/01	150	NO.
82	G2112	Gland Follower	8-C600-GV-FL-GO-WCB	Gland Follower	Package 2	No Counter offer Applicable	3VF53517675/000/00	50	NO.
83	G2528	Spacer	3/4-C300-SV-FL-HW-WCB	Spacer	Package 3	No Counter offer Applicable	4V247790790/000/00	700	NO.
84	G2529	Spacer	16/18-C300-RV-BW-MO-WCB	Spacer	Package 3	No Counter offer Applicable	4VNH5527002/000/00	100	NO.
85	G2532	Spacer	6/8-C300-SV-FL-HW-WCB	Spacer	Package 3	No Counter offer Applicable	4V292590790/000/00	300	NO.
86	G2533	Spacer	2/3-C600-GV-FL-HW-WCB	Spacer	Package 3	No Counter offer Applicable	4VF50106937/000/00	100	NO.
87	G2534	Spacer	4-C600-GV-FL-HW-WCB	Spacer	Package 3	No Counter offer Applicable	4VF50306937/000/00	50	NO.
88	G2535	Spacer	6/8-C600-GV-FL-HW-WCB	Spacer	Package 3	No Counter offer Applicable	4VF50406937/000/00	100	NO.
89	G2536	Spacer	2/3-C600-GV-FL-HW-CF8M	Spacer	Package 3	No Counter offer Applicable	4VF81006937/000/00	100	NO.
90	G2537	Spacer	32-C150-GV-BW-GO-WCB-BP	Spacer	Package 3	No Counter offer Applicable	3VN14717935/000/00	100	NO.
91	G2537a	Spacer	26-C300-GV-BW-MO-WCB	Spacer	Package 3	No Counter offer Applicable	3VNF9717935/000/01	50	NO.
92	G2538	Spacer	10/12-C150-GV-BW-HW-WCB	Spacer	Package 3	No Counter offer Applicable	4VN20690789/000/00	300	NO.
93	G2539	Spacer	2/3/4-C300-GV-BW-HW-WCB	Spacer	Package 3	No Counter offer Applicable	4VN20990789/000/00	500	NO.
94	G2540	Spacer	14/16/18-C150-GV-FL-MO- WCB	Spacer	Package 3	No Counter offer Applicable	3VN59617935/000/01	500	NO.
95	G2541	Spacer	6/300-C150-GV-BW-HW-CF8M	Spacer	Package 3	No Counter offer Applicable	3VND1017935/000/01	300	NO.
96	G2542	Spacer	10/12-C300-RV-BW-MO-WCB	Spacer	Package 3	No Counter offer Applicable	4VP36690790/000/01	50	NO.
97	G2543	Spacer	12-C150-GV-BW-HW-CF8M	Spacer	Package 3	No Counter offer	4VK96090872/000/00	100	NO.
98	G2544	Spacer	22-C300-GV-BW-GO-WCB	Spacer	Package 3	Applicable No Counter offer	3VNE9617935/000/01	50	NO.
99	G2545	Spacer	14-C600-RV-BW-MO-WCC	Spacer	Package 3	Applicable No Counter offer	4VNH5027002/000/01	50	NO.
100	G2547	Spacer	16-C600-RV-BW-MO-WCC	Spacer	Package 3	Applicable No Counter offer	4VNH5627002/000/00	50	NO.
101	G1987	SPACER-F506	10/12-C600-GV-FL-MO-WCB-	Spacer	Package 3	Applicable No Counter offer	4VF50606937/000/00	50	NO.
102	G2716	SPACER-F913	4-C600-GV-FL-HO-CF8	Spacer	Package 3	Applicable No Counter offer	4VF91327490/000/00	50	NO.
103	G2444	SPACER-N202	3-C150-GV-WCB/CF8M	Spacer	Package 3	Applicable No Counter offer	4VK78490872/000/00	1000	NO.
104	G2445	SPACER-N203	4-C150-GV-WCB/CF8M	Spacer	Package 3	Applicable No Counter offer	4VK77090872/000/00	300	NO.
105		SPACER-N204	6-C150-GV-WCB	Spacer	Package 3	Applicable No Counter offer	4VN20490789/000/00	500	NO.
				-	_	Applicable No Counter offer			
106	G2447	SPACER-N212	6/8-C300-GV-WCB/CF8M	Spacer	Package 3	Applicable No Counter offer	4VN21190789/000/00	500	NO.
107	G2448	SPACER-N213	10-C300-GV-WCB/CF8M	Spacer	Package 3	Applicable No Counter offer	4VN21390789/000/00	300	NO.
108	G2038	SPACER-N597	20-C150-GV-BW-MO-WCB-BP	Spacer	Package 3	Applicable No Counter offer	3VN59717935/000/01	200	NO.
109	G2078	SPACER-N705	24-C150-GV-BW-MO-WCB-SG	Spacer	Package 3	Applicable No Counter offer	3VN70517935/000/01	100	NO.
110	G2056	SPACER-U123 SPACER-40025401	20-C300-GV-BW-GO-WCB	Spacer	Package 3	Applicable No Counter offer	3VU12317935/000/01	100	NO.
111	G2241	style 1 SPACER-40025402 style	Wall Blower	Spacer	Package 3	Applicable No Counter offer	42020100254	1500	NO.
112	G2242	2 SPACER-40025403 style	Wall Blower	Spacer	Package 3	Applicable No Counter offer	42020100254	1500	NO.
113	G2239	3	Wall Blower	Spacer	Package 3	Applicable	42020100254	1500	NO.
114	G2240	SPACER-40025404 style	Wall Blower	Spacer	Package 3	No Counter offer Applicable	42020100254	1500	NO.
115	G2306	Stem	2.5-C1500-GLV/GNV-HO/MO- WCC	Stem	Package 4	No Counter offer Applicable	2VR08915452/000/05	100	NO.
116	G1421	STEM	2-C150-GV-CF8	Stem	Package 4	No Counter offer Applicable	3VN47217472/000/04	250	NO.
117	G2307b	Stem	3-C1500-GLV/GNV-BW-HO/MO- WCB	Stem	Package 4	No Counter offer Applicable	2VG04515043/000/04	250	NO.
118	G1436	STEM	3-C150-GV-WCB	Stem	Package 4	No Counter offer Applicable	3VN35717472/000/05	600	NO.
119	G1440	STEM	3-C300-GV-WCB	Stem	Package 4	No Counter offer Applicable	3VN42917472/000/05	300	NO.
120	G1443	STEM	3-C300-RV/SV-WCB	Stem	Package 4	No Counter offer Applicable	2V247801813/000/10	450	NO.

				Annexure	-2				
Tender SI. No.	Group No.	Job/Component Description	Description of Valve/ Product (Used in)	Item Category	Package	Counter offer Remarks	Drag No./Var/Rev.	Qty	UoM
121	G1448	STEM	4-C150-GV-WCB	Stem	Package 4	No Counter offer Applicable	2VN31805884/000/05	250	NO.
122	G1451	STEM	4-C300-GV-WCB	Stem	Package 4	No Counter offer Applicable	2VN27605884/000/05	300	NO.
123	G1459	STEM	6-C150-GV-WCB	Stem	Package 4	No Counter offer Applicable	2VN00205573/000/04	500	NO.
124	G1183	RETAINER-N207	10-C150-GV-WCB	Retainer	Package 5	No Counter offer Applicable	4VN20726608/000/00	50	NO.
125	G762	BEARING RETAINER- E144	12-C150-GV-FL-HW-WCB	Retainer	Package 5	No Counter offer Applicable	3VE14490025/000/01	100	NO.
126	G1184	RETAINER-S837	12-C150-GV-WCB	Retainer	Package 5	No Counter offer Applicable	4VNC0626957/000/00	350	NO.
127	G1186	RETAINER-K585	16-C150-GV-WCB	Retainer	Package 5	No Counter offer Applicable	3VK58503067/000/00	50	NO.
128	G766	BRG RETAINER-1587	2-C300-GV-FL-HW-WCB-SG	Retainer	Package 5	No Counter offer Applicable	3V158703124/000/00	250	NO.
129	G900	Disc Retainer SV	2-C300-SV-CF8	Retainer	Package 5	No Counter offer Applicable	3VP33906464/000/01	50	NO.
130	G767	BRG RETAINER-1588	3-C150-GV-FL-HW-WCB	Retainer	Package 5	No Counter offer Applicable	3V158803124/000/00	1000	NO.
131	G1196	Disc Retainer RV	3-C300-RV-CF8M	Retainer	Package 5	No Counter offer Applicable	3VP29502948/000/00	50	NO.
132	G907	Disc Retainer SV	3-C300-SV-CF8	Retainer	Package 5	No Counter offer Applicable	3V000120702/000/01	500	NO.
133	G901	Disc Retainer SV/RV	3-C300-SV-WCB/WCC	Retainer	Package 5	No Counter offer Applicable	3V247802948/000/03	600	NO.
134	G1189	RETAINER-F502	3-C600-GV-WCB	Retainer	Package 5	No Counter offer Applicable	3VF50135299/000/00	50	NO.
135	G1190	RETAINER-S833	4-C300-GV-WCB	Retainer	Package 5	No Counter offer Applicable	3VS83335299/000/00	1200	NO.
136	G1198	Disc Retainer RV	4-C300-RV-WC9	Retainer	Package 5	No Counter offer Applicable	3VP26604732/000/02	50	NO.
137	G902	Disc Retainer SV/RV	4-C300-SV-WCB/WCC	Retainer	Package 5	No Counter offer Applicable	3V269004732/000/02	200	NO.
138	G769	BRG RETAINER-1590	6-C150-GV-FL-HW-WCB	Retainer	Package 5	No Counter offer Applicable	3V159003124/000/00	200	NO.
139	G1191	RETAINER-S836	6-C300-GV-WCB	Retainer	Package 5	No Counter offer Applicable	3VS83635299/000/00	150	NO.
140	G1199	Disc Retainer RV	6-C300-RV-WCB	Retainer	Package 5	No Counter offer Applicable	3V269104732/000/02	50	NO.
141	G903	Disc Retainer SV	6-C300-SV-CF8/CF8M	Retainer	Package 5	No Counter offer Applicable	3V292702948/000/01	50	NO.
142	G904	Disc Retainer SV	6-C300-SV-WC6	Retainer	Package 5	No Counter offer Applicable	3VP30002948/000/01	50	NO.
143	G905	Disc Retainer SV	6-C300-SV-WCB	Retainer	Package 5	No Counter offer Applicable	3V248002948/000/03	50	NO.
144	G770	BRG RETAINER-1591	8-C150-GV-FL-HW-WCB	Retainer	Package 5	No Counter offer Applicable	3V159103124/000/00	500	NO.
145	G1192	RETAINER-N244	8-C150-GV-WCB	Retainer	Package 5	No Counter offer Applicable	4VN24426590/000/01	750	NO.
146	G1201	Disc Retainer RV	8-C300SPL-RV-WCB	Retainer	Package 5	No Counter offer Applicable	3V269204732/000/03	50	NO.
147	G906	Disc Retainer SV	8-C300-SV-WCB/WCC	Retainer	Package 5	No Counter offer Applicable	3V267002948/000/00	50	NO.
148	G1984a	LANTERN RING-F707	12-C600-GV-BW-GO-WCC-SG	Lantern Ring	Package 6	No Counter offer Applicable	3VF70717745/000/00	50	NO.
149	G1072	LANTERN RING	14-C150-GV-WCB-SG	Lantern Ring	Package 6	No Counter offer Applicable	3VN33106946/000/01	50	NO.
150	G1073	LANTERN RING	16-C150-GV-WCB-SG	Lantern Ring	Package 6	No Counter offer Applicable	3VN59806946/000/01	50	NO.
151	G2031	LANTERN RING-N370	20-C150-GV-BW-MO-WCB-SG	Lantern Ring	Package 6	No Counter offer Applicable	3VN37006946/000/01	75	NO.
152	G2161	LANTERN RING-NG12	22-C300-GV-BW-GO-WCB	Lantern Ring	Package 6	No Counter offer Applicable	3VNG1224821/000/00	50	NO.
153	G1076	LANTERN RING	2-C300-GV/RV-WCB/CF8M-SG	Lantern Ring	Package 6	No Counter offer Applicable	3V012803023/000/00	50	NO.
154	G2563	LANTERN RING	32-C150-GV-BW-MO-WCB	Lantern Ring	Package 6	No Counter offer Applicable	3VN82606946/000/00	30	NO.
155	G1078	LANTERN RING	3-C150-GV-WCB-SG	Lantern Ring	Package 6	No Counter offer Applicable	3VN31306946/000/00	75	NO.
156	G1079	LANTERN RING	3-C300-GV/RV-WCB/CF8M SG	Lantern Ring	Package 6	No Counter offer Applicable	3V237503023/000/00	50	NO.
157	G1081	LANTERN RING	4-C150-GV-WC9/WCB-SG	Lantern Ring	Package 6	No Counter offer Applicable	3VN30306946/000/00	150	NO.
158	G1082	LANTERN RING	4-C300-RV-CF8M/WCB-SG	Lantern Ring	Package 6	No Counter offer Applicable	3V017003023/000/00	100	NO.
159	G1084	LANTERN RING	6-C150-GV-CF8M/WCB-SG	Lantern Ring	Package 6	No Counter offer Applicable	3VN00206946/000/00	75	NO.
160	G1085	LANTERN RING	6-C300-RV-CF8M/WCB-SG	Lantern Ring	Package 6	No Counter offer Applicable	3V017303023/000/00	75	NO.

				Annexure-	.2				
Tender Sl. No.	Group No.	Job/Component Description	Description of Valve/ Product (Used in)	Item Category	Package	Counter offer Remarks	Drag No./Var/Rev.	Qty	UoM
161	G1087	LANTERN RING	8-C150-GV-CF8M/WCB-SG	Lantern Ring	Package 6	No Counter offer Applicable	3VN27506946/000/00	150	NO.
162	G117	Body Machining	3-C300-RV-BW- WCB/WCC/WC6/WC9	Body	NA	Counter offer Applicable	1V288502595/000/02	400	NO.
163	G136	Body Machining	4-C150-GV-BW- WCB/WCC/WC6/WC9	Body	NA	Counter offer Applicable	2VN29705969/000/00	200	NO.
164	G154	Body Machining	4-C300-GV-BW- WCB/WCC/WC6/WC9	Body	NA	Counter offer Applicable	2VN25105950/000/01	200	NO.
165	G94	Body Machining	3-C150-GV-BW- WCB/WCC/WC6/WC9	Body	NA	Counter offer Applicable	2VN29205966/000/02	450	NO.
166	G2345	Yoke Machining	3-C1500-GLV-BW-HO-WC9	Yoke	NA	Counter offer Applicable	3VG21221315/000/03	300	NO.
167	G319	Yoke Machining	10-C300-GV-HW/MO- WCB/WCC/WC9 NC YOKE	Yoke	NA	Counter offer Applicable	2VNC3014021/000/01	250	NO.
168	G358	Yoke Machining	3-C150-GV-HW- WCB/WCC/WC9/WC6	Yoke	NA	Counter offer Applicable	2VNP4312372/000/01	550	NO.
169	G373	Yoke Machining	3-C300-SV-HW-WCB/WCC	Yoke	NA	Counter offer Applicable	2V268502433/000/02	500	NO.
170	G408	Yoke Machining	6-C150-GV-HW-WCB/WCC NC YOKE	Yoke	NA	Counter offer Applicable	2VNQ4312461/000/02	500	NO.
171	G1522	TUBE	3-C600-GV-BW-HW-WCB	Tube	NA	Counter offer Applicable	3VN32624588/000/00	750	NO.
172	G1525	TUBE	4-C300-GV-FL-HW-WCB	Tube	NA	Counter offer Applicable	3VN20324588/000/00	500	NO.
173	G1531	TUBE	8-C150-GV-FL-HW-WCB	Tube	NA	Counter offer Applicable	3VN20524588/000/00	1000	NO.
174	G928	FIXING CLAMP	3-C300-GV-FL-HW-WCB	Fixing	NA	No Counter offer Applicable	3VK31909859/000/02	50	NO.
175	G925	FIXING CLAMP-K011	10-C300-GV-BW-HW-WCB	Fixing	NA	No Counter offer Applicable	3VK01109859/000/02	75	NO.
176	G929	FIXING CLAMP-K163	8-C150-GV-BW-HW-WCB	Fixing	NA	No Counter offer Applicable	3VK16309859/000/02	100	NO.
177	G931	FIXING PLATE-K011	8-C150-GV-BW-HW-WCB	Fixing	NA	No Counter offer Applicable	3VK01109861/000/01	300	NO.
178	G2478	Bolt	2.5-C1500-GNV-BW-HO-WCC	TOA items	NA	No Counter offer Applicable	4VR00118081/000/00	100	NO.
179	G2315	Bonnet Rough	2" to 8" Class 1500	TOA items	NA	Counter offer Applicable	3VG05720195/000/01	500	NO.
180	G2314	Disc Rough	2" to 8" Class 1500	TOA items	NA	Counter offer Applicable	4VG00118016/000/03	500	NO.
181	G2185	CAM SHAFT COLLAR- 30014700	Wall Blower	Wall Blower Items	NA	Counter offer Applicable	32020100147	1400	NO.
182	G2195b	EXT. SWIVEL TUBE D60.3X4.8-30212301 (Chrome plating length- 2088 mm Total length - 2218 mm)	Wall Blower	Wall Blower Items	NA	Counter offer Applicable	32020102123	75	NO.
183	G2183	RAMP CAM-30013700	Wall Blower	Wall Blower Items	NA	Counter offer Applicable	32020100137	1500	NO.
184	G2195	SWIVEL TUBE D60.3X4.8-30069900 (Chrome plating length - 1088mm Total length - 1218mm)	Wall Blower	Wall Blower Items	NA	Counter offer Applicable	32020100699	1500	NO.
185	G2168	VALVE BODY-10001001	Wall Blower	Wall Blower Items	NA	Counter offer Applicable	12000100010	1500	NO.
186	G2168a	VALVE BODY-3"	Wall Blower	Wall Blower Items	NA	No Counter offer Applicable	12000100269	30	NO.
187	G2169	WALL DESLAR.BODY- 10016202	Wall Blower	Wall Blower Items	NA	Counter offer Applicable	12020100300	1500	NO.
188	G2186	WORM SHAFT- 30015100	Wall Blower	Wall Blower Items	NA	Counter offer Applicable	32020100151	1500	NO.
189	G2340	VALVE BODY COVER- 40142300	Air Valve /Wall Blower	Wall Blower Items	NA	Counter offer Applicable	42020101423	1800	NO.
190	G2339	VALVE BODY D40X60- 40142200	Air Valve /Wall Blower	Wall Blower Items	NA	Counter offer Applicable	42020101422	1800	NO.
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