| REQUEST FOR QUOTATION |  |  |
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| BHARAT HEAVY ELECTRICALS LIMITED Electronics Division <br> PB No. 2606, Mysore Road Bangalore - 560026 INDIA | RFQ NUMBER: AKSPROP026 <br> RFQ DATE : 19.08.2022 |  |
| (address for communication) | Purchase Exec <br> Phone : 26998 <br> Fax : 0091 <br> E-mail: singh. | all correspondence) <br> tive : ABHISHEK <br> 102 <br> 26989215 <br> bhishek@bhel.in |

1)This RFQ is for entering into Rate contract ( RC ) with BHEL for the tendered item. Validity of the RC will be 1 year from the award of rate contract. Firm orders will be placed during the tenure of rate contract. Prices will remain firm till the validity of RC or till the completion of supplies against the Purchase Orders placed against this rate contract whichever is later. Please note that these quantities are projections based on the current business scenario and expected orders from customers. In the eventuality of business not coming through, BHEL is not obligated to exhaust the ordering of RC quantities.
2)Reverse Auction Clause: BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among all the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders in RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.

| Sl No. | Description | Qty | Unit | Delivery qty | Delivery Date |
| ---: | :--- | :---: | :---: | :---: | :---: |
| 1 | TI0668104481 SEPARATOR 2 Pole-NO with HV IND <br>  <br>  <br>  <br>  <br>  <br>  <br> SEPARASAC : 3921 <br> With HV Indicator and one Green key <br> And one Black key <br> As per Specification PS4452725 Rev No 00 | 500 | NO | 500 |  |

Total Number of Items - 1
1.
2.

|  |  |
| :--- | :---: |
| NOTES: | For and On behalf of BHEL. |
| 1. This RFQ is governed by: |  |
| a) INSTRUCTIONS TO BIDDERS/SELLERS and GENERAL CONDITIONS OF CONTRACT FOR |  |
|  |  |
| Conditions) |  |
| b) Any other specific Terms and Conditions mentioned. | Control Equipment |
| A The HSN/SAC no mentioned against the line items in the RFQ are indicative only. |  |






|  |  |  | PURCHASE SPECIFICATION GROUP: TRACTION ENGINEERING |  | P.S NO. : PS/445/2725 |
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|  |  |  | REV. NO: 00 |
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|  | 3.0 TECHNICAL REQUIREMENTS OF HV INDICATOR: |  |  |  |  |
|  | 4.0 | SI No |  |  | Characteristic | Value | Unit |
|  |  | 1 |  |  | Operating Temperature | -25 to 60 | ${ }^{\circ} \mathrm{C}$ |
|  |  | 2 | Maximum Temperature | +75 | ${ }^{\circ} \mathrm{C}$ |
|  |  | 3 | Nominal Voltage | 2800 | V |
|  |  | 4 | Maximum Voltage | 3300 | V |
|  |  | 5 | Test Voltage | 6900 | Vac/10s |
|  |  | 6 | Minimum Working Voltage | 50 | V |
|  |  | 7 | Flashing Frequency at 4KV | 2+/-10\% | Hz |
|  |  | 8 | Input Current | <5 | mA |
|  |  | 9 | Cooling | Natural |  |
|  |  |  |  |  |  |


|  | $n / 4 \%$ |  | PURCHASE SPECIFICATION GROUP: TRACTION ENGINEERING | P.S NO. : PS/445/2725 |
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|  |  |  | REV. NO: 00 |
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|  | . 0 INSPECTION <br> The type test reports from a NABL accredited laboratory to be provided along with the technical offer. For series supplies, Routine test reports are to be provided. |  |  |  |
|  | 6.0 <br> 7.0 <br> 8.0 | APPL <br> The IEC6 <br> IEC <br> PRE <br> 1. <br> 2. <br> 3. <br> DOC <br> 1. <br> 2. <br> 3. <br> 4. |  | ABLE NORMATIVE STANDARD <br> fered system shall generally conform to the foll 077 Rules for equipment for onboard rail ve 373 Electric Railway Equipment-Rolling Sto <br> JALIFICATION CRITERIA (PQC) <br> Bidder should be Supplier of Earth Switch us EL shall approach and submit credentials/de ers to customer and await customer's decisio date of tender opening. If approval is not rec all treat the offer as "Not meeting" Pre-qua ected. <br> preferred that the bidder is the manufacturer me portion of the components, then minimum valu firm this in the offer. Value addition less than <br> MENTS SUBMISSION <br> der to submit clause by clause compliance ng with copy of type test report. <br> ould possess a valid type test report condu ntioned in the specification with respect to time of of supply of Earth Switch used in traction ency to Indian Railways during the last 5 years the vendors already qualified and added in the t report and proof of supply are not applicable. | rmative standards <br> \& Vibrations Requirements <br> lling stock applications. nished by vendor with their maximum of one month from hin the above period, BHEL criteria and offer shall be <br> em. If the bidder is importing dition shall be 20\%. Bidder to ot acceptable <br> plete technical specification <br> as per relevant standards the bid submission. <br> ions directly or through any bmitted. <br> list, the requirement of type |

