

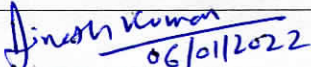
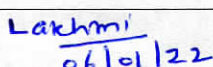
Pre-qualification requirements of "Viton O-rings, Mat. code W97359906342, W97359801559, W97359801664, W97359805090, W97359801575"

Sl. No.	Pre-qualification requirements	Vendor Response (Yes/No)																					
1	<p>A) The vendor should have the experience of manufacturing, testing & supply of "O-Ring (Viton)". The vendor to confirm.</p> <p>B) The Vendor should be a regular manufacturer of press moulded, precision, round, joint less O-Rings of Viton material and should have supplied at least fifty (50) Nos of such O-Rings in last ten (10) years from the date of issuance of enquiry, with following technical details/parameters. The vendor to confirm.</p> <ul style="list-style-type: none"> i) Type of O-Ring: Press moulded, precision joint less ii) Material: Viton iii) Shore- A Hardness: ≥ 80 iv) Density (gm/cm^3): ≥ 1.8 v) Tensile strength (N/mm^2): ≥ 10 vi) Elongation at break point (%): ≥ 150 vii) Compression set (any one of the following) <ul style="list-style-type: none"> a- 96 hours at 80°C in water (%): ≤ 30 b- 22 hours at 200°C in Air (%): ≤ 15 viii) Water Absorption <ul style="list-style-type: none"> a- 96 hours at 80°C in water (%): ≤ 1.5 ix) Ageing at 175°C for 70 hours in Fire Resistant Fluid: <ul style="list-style-type: none"> a- Change in Shore- A Hardness: ≤ -15 b- Change in Tensile Strength (N/mm^2): ≤ -25 c- Change in elongation at break point (%): ≤ -20 d- Increase in Volume (%): ≤ 20 																						
2	<p>In support of above, the vendor to furnish information, in following format for previous supplied Viton O-Ring meeting the above technical requirement (referred at 1 above).</p> <table border="1" data-bbox="248 1626 1263 1787"> <thead> <tr> <th>Sl. No.</th> <th>Name & address of customer</th> <th>Contact Details of the customer (email & phone number etc.)</th> <th>Purchase order reference no.</th> <th>Purchase order issue date</th> <th>Material</th> <th>Total Qty. (nos.)</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Vendor to submit the following documents as an evidence of acceptance of supplied Viton O-Ring for the above mentioned successfully executed order -</p> <ul style="list-style-type: none"> a) Copy of Un-Priced Purchase Orders executed in last ten (10) years (Minimum 1 no. Purchase orders copies to be furnished). b) Material test certificate for Viton O-Rings for any one of the PO submitted. The submitted test 	Sl. No.	Name & address of customer	Contact Details of the customer (email & phone number etc.)	Purchase order reference no.	Purchase order issue date	Material	Total Qty. (nos.)															
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	certificates should have co-relation with PO.	
	c) Material acceptance certificate/ dispatch documents against any one of the above P.O. The submitted certificate/documents should have co-relation with PO.	

Note:

1. Against vendor's replies, BHEL reserves the right to ask for more information / documents/clarifications.
2. Vendor's offer shall not be considered if vendor fails to furnish the document / information / clarifications as mentioned above or vendor doesn't meet the acceptance criteria (mentioned above from sl. no. 1 to 2).

Prepared & Reviewed by	Approved by
 06/01/2022	 06/01/22
Dinesh Kumar (Dy. Mgr / STE-TG)	Lakhmi Singh (Manager/ STE-TG)