

BHEL	<u>TECHNICAL PURCHASE SPECIFICATION</u>	<u>EMT-6855,</u> <u>Rev-00</u>
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<u>PRE QUALIFYING REQUIREMENTS (PQR) OF "RIGID BORESCOPE"</u>				
DESCRIPTION OF BHEL REQUIREMENT	TO BE SUPPLIED/ CONFIRMED/ SUBMITTED BY	OFFERED	DEVIATION	REMARKS
Only those vendors should quote who have supplied & commissioned at least one Rigid Borescope in the past ten years (the period should be prior to tender opening date). The following information should be submitted by the vendor about the companies where Rigid Borescope have been supplied. This is required from all the vendors for qualification of their offer.	Vendor to accept & confirm.			
1. Name of the customer / company where referred Borescope is commissioned.	Vendor to inform.			
2. Complete postal address of the customer.	Vendor to inform.			
3. Month & Year of commissioning.	Vendor to inform.			
4. Parameters of Rigid Borescope supplied and application for which the Borescope is supplied.	Vendor to inform.			
5. Name and designation of the contact person of the customer.	Vendor to inform.			
6. Phone, FAX no. and email address of the contact person of the customer.	Vendor to inform.			
7. Copy of purchase order and supporting acceptance papers/ MOM of commissioning/ E-mail regarding acceptance of ordered rigid Borescope from the customers will be required.	Vendor to submit.			
8. BHEL reserves the right to verify the information provided by vendor. In case the information provided by vendor is found to be false/ incorrect, the offer shall be rejected.	Vendor to accept & confirm.			

R Gupta
Rahul Kumar Gupta
(E2, EMT)
21/4/18

U.K. Singh
U.K. Singh
21/4/18

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BHEL भारतीय विद्युत भारी निगम	उत्पाद क्रय विनिर्देश (हीप : हरिद्वार) PRODUCT PURCHASE SPECIFICATION (HEEP: HARIDWAR)		EMT-6855																																																							
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SUPERSEDES INVENTORY NO.	TECHNICAL SPECIFICATION FOR RIGID BOREScope																																																									
भारतीय विद्युत भारी निगम अधिकारिता का है	1.0 PURPOSE: Rigid Borescope will be used for checking the presence of foreign particles inside water box chamber of stator winding bar of 500/600/660/700/800 MW TG set.																																																									
COPYRIGHT AND CONFIDENTIAL The information on this documents is the property of Bharat Heavy Electrical Limited. It must not be used directly or indirectly in any way detrimental to the interest of the company.	2.0 SCOPE: The scope of supply includes the design, manufacturing, supply and commissioning at BHEL works at Haridwar.																																																									
	3.0 TECHNICAL SPECIFICATION :																																																									
	(i) Outer Diameter of Probe= 5.9 to 6.5 mm. (ii) Working Length= 250-320 mm. (iii) Field of view (FOV) = 45° - 90°. (iv) Direction of view (DOV) = 30° - 45°, with rotating shaft so as to give a 360° view inside water box chamber. (v) Light Source 230 V AC, 50 HZ to match with the Sl. No. 3.1 to 3.4 of Borescope. (vi) Length of lead from light source to light guide connector should be 3 meters (Approx). (vii) Protecting sheath shall be provided for additional protection of borescope. (viii) Power supply cable (3 meter length approx.) for connecting the light source is in the scope of the vendor. (ix) Vendor shall furnish the technical specification / catalogue for the offered Borescope.																																																									
भारतीय विद्युत भारी निगम अधिकारिता का है	4.0 SPARES : Following item is required as spare along with Rigid Borescope:- (i) Lead from light source to light guide connector. (QTY 01No.)																																																									
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SUPERSEDES INVENTORY NO.					
भारतीय नदी, क्षेत्र को संश्लेषित करता है					
5.0 ENVIRONMENTAL CONDITION: (i) Ambient Temperature- 0°C to 45°C (ii) Relative humidity- 30 to 90 % (iii) Voltage fluctuation- +/- 10 % 6.0 GENERAL : (i) Commissioning of Rigid Borescope shall be done by the vendor. Vendor shall demonstrate function of the Borescope during commissioning. Borescope will be accepted only after successful demonstration at BHEL, Haridwar works. (ii) During commissioning if any item is damaged / not functioning, vendor shall replace the same without any cost to BHEL. (iii) Vendor shall furnish 3 sets of detail operation & maintenance manual in English language with the consignment. (iv) Vendor shall supply the Rigid Borescope, light guide, spares, etc. in proper casing so, that items are not damaged during transportation and storage. 7.0 GUARANTEE: Vendor shall provide 12 months guarantee/warranty from date of commissioning of Borescope.					
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स्वामित्व और गोपनीय यह दस्तावेज भारतीय नदी, क्षेत्र को संश्लेषित करता है। इसका प्रयोग केवल भारत भारी विद्युत लिमिटेड के लिए है। इस दस्तावेज को बिना अनुमति के किसी भी अन्य व्यक्ति को देना या प्रकाशित करना गैर कानूनी है।					
दिनांक एवं हस्ताक्षर SIGN & DATE					
भारतीय नदी संख्या INVENTORY NO.					
REV.NO.	कार्यवाही WORKED BY	TARUN TOMAR		23-3-18	
	जांचकर्ता CHECKED BY	RAHUL KUMAR GUPTA		23/3/18	