

## Technical Pre-Qualification Requirement (PQR) for Diffuser

Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
	<b>Experience Criteria:</b>		
2.2	Vendor must have experience of carrying out hardfacing using arc welding (SMAW, GMAW, SAW, GTAW, PTAW) with filler material of stellite 21 (CoCr-E)/ stellite 6 (CoCr-A) / Alloy 625 (Inconel 625) over base material of high alloy steel, for e.g., X22CrMoV12-1, X10CrMoVNb9-1, X12CrMoWVNbN10-1-1, X19CrMoVNbN11-1, X13CrMoCoVNbNB9-2-1, GX10CrMoVNb9-1, GX12CrMoWVNbN10-1-1, etc.	Valid WPS & PQR (Performance Qualification Record) developed by vendor for the specified filler material-base metal combination, duly endorsed by third party inspector.	
2	<b>Manufacturing and testing Facilities Criteria:</b>		
2.2	Vendor to confirm that they have adequate in-house facility for hardfacing: arc welding (SMAW / GMAW / SAW / GTAW / PTAW) and furnace for heat treatment/PWHT.	Vendor to confirm adequacy of equipment and also provide details of arc welding and heat treatment/PWHT facility (size, maximum operating temperature, etc) to be submitted.	
2.3	Vendor must have in-house facilities for machining / surface finishing sufficient to meet the requirements of enquired items. These facilities can also be outsourced.	Details of in-house facilities to be submitted. If any of the process is outsourced, same to be specified.	
2.4	Vendor must have either in-house facilities or outsourced through NABL accredited laboratory for carrying out all testing on coated/hard-farced component.	Details of in-house testing facilities to be submitted. Testing requiring outsourcing through NABL accredited laboratory to be specified.	

*[Signature]*  
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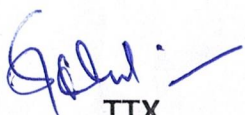

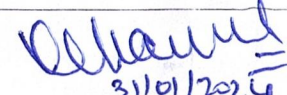
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Sl.	PQR Condition	Documents to be submitted	Vendor's remarks
3	Technical Criteria:		
3.1	<p>In case of order placement and before start of work on actual job, Vendor to submit following documents for approval of BHEL:</p> <p>(1) Applicable WPS (Welding Procedure Specification), PQR (Performance Qualification Record) &amp; WPQ (Welder Performance Qualification) as per enquired jobs, duly approved by third party inspector.</p> <p>All testing required in WPS/PQR qualification should be got done through NABL accredited laboratory only.</p>	Vendor to confirm submission of document after placement of order.	
3.2	Vendor must confirm to supply enquiry items as per enquiry specification and drawing without any deviation	Vendor to confirm	

 <b>TTX</b>	 31/01/2024 Sushant Kr. Thakur Manager (WTX)	<b>WTX</b>	 31/01/2024 VIJAY KUMAR MGR (WTX)
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