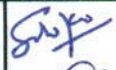


दिनांक एवं हस्ताक्षर SIGN & DATE SUPERSE DES INVE बावरी पुत्री मर्याद को		उत्पाद क्रय विनिर्देश PRODUCT PURCHASE SPECIFICATION PORTABLE ABRASIVE BLASTING SYSTEM		STT0099	
COPYRIGHT AND CONFIDENTIAL The information on this	Requirement		Vendor Confirmation / Remarks		
	1 PURPOSE : Purpose of Portable Abrasive Blasting System use is cleaning of old steam turbine components & remove dust / rust / scale deposit / concrete particles from turbine components. Steam turbine component material is Alloy steel with 25-27 HRC in the form of finish machined castings / forgings (with / without blades fitted). General Surface Finish requirement in these components is from 1.6 to 3.2 um.		Vendor to confirm.		
स्वत्वाधिकार एवं गोपनीय इस दस्तावेज में दी गई सूचना भारत की संपत्ति है, इसका प्रयोग एवं प्रसारण केवल केवल के निर्देशों के बिना ही नहीं किया जा सकता है, जो कि कंपनी के हितों में हानिकारक हो सके।	2 TECHNICAL SPECIFICATIONS / REQUIREMENTS:				
	2.1 Model no. of Machine Offered.		Vendor to specify the model no. of machine offered & provide catalogue copy.		
दिनांक एवं हस्ताक्षर SIGN & DATE	2.2 Abrasive Blasting machine should be a portable machine with suitable wheels fitted for easy portability.		Vendor to confirm.		
	2.3 Abrasive Blasting Machine should be complete in all respects, in ready to use condition with all items / accessories fitted for proper functioning.		Vendor to confirm.		
	2.4 Abrasive Tank Capacity (Liters)		140 Liters or more		Vendor to specify
	2.5 Tank Material & thickness		MS sheet 6mm or more		Vendor to specify
	2.6 Working Pressure: In our plant we have compressor house which provides compressed air through pipe lines in shop at pressure of 6 bars. Please confirm suitability of quoted abrasive blasting machine with this available compressed air line pressure.		Vendor to confirm suitability of abrasive blasting machine with this available compressed air line pressure.		
	2.7 Suitable flexible air Hose pipe (ID = 25mm or more) of 15 mtrs. or more length for connecting compressor line to abrasive blasting machine , to be supplied by vendor.		Vendor to confirm		
	2.8 Overall dimensions (appr.)		Height (mm) x Diameter (mm)		Vendor to specify
	2.9 Overall Weight		Kg		Vendor to specify
	2.10 Suitable flexible Blast Hose of 15 mtrs. or more length, to be supplied by vendor.		Vendor to confirm		
	2.11 Blast Hose I.D. (mm)		25mm or more		Vendor to confirm
बावरी पुत्री संख्या INVENTORY NO.	नाम NAME		दिनांक एवं हस्ताक्षर SIGNATURE & DATE		
	अनुवादक TRANSLATED BY				
	निर्माणकर्ता WORKED BY		SURINDER KUMAR		
	जांचकर्ता CHECKED BY		SWAPAN SARKAR		
	पर्यवेक्षणकर्ता SUPERVISED BY				
	स्वीकृति APPROVED BY : B.K. ROY		Gr. NO. 9		
REV.NO.- 00		निर्माण PREPARED : TTX		जारी ISSUED : TSX	
Dt.- 23.06.17				दिनांक DATE : 23.06.17	
CHANGE ADVICE NO.					

दिनांक एवं हस्ताक्षर SIGN & DATE			उत्पाद क्रय विनिर्देश (हीप : हरिद्वार) PRODUCT PURCHASE SPECIFICATION (HEEP: HARIDWAR)		STT0099	
					पृष्ठ का Page 2 of 3	
SUPERSEDES INVENTORY सामग्री सूची में मूल्य को अधिकृतित करता है	2.12	Blast Nozzle Orifice	Tungston Carbide Lined	Vendor to confirm		
	2.13	Blast Nozzle Orifice	Size -8mm, Qty - 1 set, as part of machine.	Vendor to confirm		
	2.14	Air Filter & Pressure Gauge	1 set, as part of machine.	Vendor to confirm		
	2.15	Automatic Exhaust Valve	1 no., as part of machine.	Vendor to confirm		
	2.16	Abrasive flow Control through blast nozzle with Pinch valve with hand wheel	1 no., as part of machine.	Vendor to confirm		
	2.17	Wire Screen fitted with Pneumatic Vibrator to seive abrasive to avoid blast line chocking.	1 no., as part of machine.	Vendor to confirm		
	2.18	Remote Control System. Complete On/Off control of machine in the hand of operator at Blast Nozzle.	1 no., as part of machine.	Vendor to confirm		
	2.19	Abrasive Tank Hydraulic testing at 245 PSI or more.	Test Certificate to be provided.	Vendor to confirm & provide		
	2.20	Recommended Abrasive size range for machine	Mesh size & hardness	To be specified by Vendor		
	2.21	Consumables:				
	2.21.a	Aluminium Oxide blasting medium (Virgin grade) - (Grit size = 30 mesh) - 250 kg, to be supplied by vendor.		Vendor to confirm & specify price		
	2.21.b	Copper Slag blasting medium - (Grit size = 16 mesh) - 250 kg, to be supplied by vendor.		Vendor to confirm & specify price		
	3	WARRANTEE :				
		Vendor shall provide warrantee for all supplied items for a minimum period of One year for trouble free operation from the date of successful commissioning.		Vendor to confirm.		
	4	MACHINE ACCEPTANCE :				
	Machine acceptance shall be made by BHEL at it's plant following successful commissioning which shall include demonstration of the machine for cleaning of Repair job at BHEL Haridwar works & training of working staff. Job for cleaning will be provided by BHEL. It shall be the responsibility of the supplier to arrange and provide all required items, tool tackles, as required for successful commissioning / testing of machine. BHEL will provide compressed air line point in shop (with air at pressure of 6 bars). Any shortcoming in the functioning of the machine due to any reason shall be rectified by the vendor, free of cost.		Vendor to confirm.			
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स्वत्वाधिकार एवं गोपनीय इस दस्तावेज में दी गई सूचना भारत भारती लिमिटेड का निजी है इसका प्रयोग एवं प्रसारण के बिना भारत भारती लिमिटेड की अनुमति के बिना न किया जाए।						
दिनांक एवं हस्ताक्षर SIGN & DATE						
सामग्री सूची संख्या INVENTORY NO.	REV.NO.- 00 Dt.- 23.06.17		निर्माणकर्ता WORKED BY	SURINDER KUMAR		
			जांचकर्ता CHECKED BY	SWAPAN SARKAR		

HW0400593, PAGE-6

DG-55

HW0400593, PAGE-6

DG-55

दिनांक एवं हस्ताक्षर SIGN & DATE		उत्पाद क्रय विनिर्देश (हीप : हरिद्वार) PRODUCT PURCHASE SPECIFICATION (HEEP: HARIDWAR)		STT0099	
				पृष्ठ का Page 3 of 3	
SUPERSEDES INVENTORY	सामग्री सूची संख्या को अधिकृतित करना है	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.			
स्वत्व अधिकार एवं गोपनीय इस दस्तावेज में दी गई सूचना भारत हेवी एलेक्ट्रिकल लिमिटेड की संपत्ति है। इसका प्रयोग एवं आदान-प्रदान किए बिना किसी भी तृतीय पक्ष को इस सूचना के दुरुपयोग से रोकना है।					
दिनांक एवं हस्ताक्षर SIGN & DATE					
सामग्री सूची संख्या INVENTORY NO.	REV.NO.-00 Dt.-23.06.17				
		निर्माणकर्ता WORKED BY	SURINDER KUMAR		
		जांचकर्ता CHECKED BY	SWAPAN SARKAR		

5	MACHINE PACKING :		
	The machine & parts shall be packed rigidly to avoid any transit damage.		Vendor to confirm.
6	SPARES : Following spares to be supplied by vendor with each Abrasive Blasting Machine:		Vendor to confirm.
	1. Blast Nozzle Orifice (Size - 8mm)- Qty - 02 nos. 2. Blast Hose (One std. length = 15mtrs or more)- Qty - 2 Nos. 3. Suitable Flexible air hose pipe for connecting compressor line to abrasive blasting machine (One std. length = 15mtrs or more) - Qty - 1 Nos. 4. Air Filter- Qty - 5 nos. 5. Exhaust Valve- Qty - 2 nos. 6. Pinch Valve- Qty - 2 nos.		Vendor to specify item-wise price of each spare.
7	MANUAL :		
	3 Nos of operation and maintenance (O&M) manual (Per machine), to be supplied by vendor with machine supply.		Vendor to confirm.