Format for the Vendor Qualification Criteria (VQC)

NOMENCLATURE & DRAWING NO.: HOMOGENOUS MACHINABLE ARMOUR PLATE, LF No.0352620008, DRG No.JSS/8MM/JACKAL, 8X1250-2000X4000MM JACKAL PLATE HARDNESS: 388 BHN
TO 495 BHN HARDENED AND LOW TEMPERED.

			min 1200°C and Press of min 2000 MT Capacity.	FORGING	Technology 2
			The steel is to be manufactured by electric arc furnace/open hearth furnace (Furnace Minimum 107 Capacity) followed by vacuum degassing treatment, ESR process (ESR Facility with minimum 10 MT capacity. Suitable measure is to be taken by the steel maker to avoid harmful defect such as seams, flaws, piping, cracks, segregation/banding, in the ingots. Calcium silicide treatment shall be given in steel during ingot casting. Other technical parameters as per JSS: 9515-021:2020 (First Revision) for material JACKAL and JSS: 9515-022-2017.	STEEL MAKING	Technology 1
PROVIDE DETAILS OF THE FACILITIES ASKED IN COLUMN (5) THAT ARE AVAILABLE INHOUSE OR OUT-SOURCED FIRMS (NAME AND ADDRESS OF THE OUTSOURCING VENDOR TO BE DECLARED BY THE FIRM IN FIRM'S LETTERHEAD, SELF-DECLARED P&M LIST (Nomenclature of machine, Make/Model, Capacity/Size & accuracy, Date of Installation, Vintage of machine/Year of Manufacturing of machine) AND TESTING/INSPECTION EQUIPMENT LIST (Nomenclature of the Testing/Inspection Equipment, Make/Model, Size & Range, Date of calibration) AND MOU/TIE-UP ALSO TO BE SUBMITTED)	MAY BE POSSESSED BY THE VENDOR IN HIS OWN PREMISES OR OUT SOURCED - (MOU/TIE-UP WITH THE OUTSOURCING VENDOR/SUB-VENDOR AND THEIR P&M LIST & TESTING/INSPECTION EQUIPMENT LIST TO BE SUBMITTED)	PROVIDE DETAILS OF THE FACILITIES ASKED IN COLUMN (3) THAT ARE AVAILABLE IN-HOUSE (SELF- DECLARED P&M LIST (Nomenclature of machine, Make/Model, Capacity/Size & accuracy, Date of Installation, Vintage of machine/Year of Manufacturing of machine) AND TESTING/INSPECTION EQUIPMENT LIST (Nomenclature of the Testing/Inspection Equipment, Make/Model, Size & Range, Date of calibration) ALSO TO BE SUBMITTED)	MUST BE POSSESSED BY THE VENDOR IN HIS OWN PREMISES - (P&M LIST & TESTING/INSPECTION EQUIPMENT LIST TO BE SUBMITTED)	MANUFACTURING TECHNOLOGY & TESTING / INSPECTION FACILITIES REQUIRED TO PRODUCE THE ITEM	MANUFACTUE TESTING / INS REQUIRED TO
6.	5	4	3	2	1

	Balasore/OFMK Medak				
The sector	Heat treated plate as per JSS: 9515-022:2017. Test will he arranged by HVF at PXF			BALLISTIC TESTING	Test/ Inspection 4
	Final Acceptance will be after clearance in Ballistic test on	•			
			Carburization Layer, NMIR and Weld ability Test.	TESTING	Inspection 3
			Magnification for	METALLOGRAPHY	Test/
			Microscope min 100 X		
			and Sub Zero (-40deg C)		
		di	Impact tester for Room Temp	IESING	inspection 2
		y !	UTS, YS, %E and %RA, Charpy	IVIECHANICAL	lest/
		or	Brinell Hardness Tester, Universal Testing Machine for		!
			022:2017		
	AND STREET, ST	5-	(First Revision) and JSS 9515-		
	Selection of the select	0	Table 2 of JSS 9515-021:2020	TESTING	Inspection 1
			Analysis of material as per	CHEMICAL	Test/
·			Spectrometer Suitable for		
			temperature min 750° c.		
			Treatment of the Plates	I EIVIT ENING	reciliology /
		-	size min 2.1X4.1m for Heat	TEMBEDING	Tachnology 7
		B	Heating Furnace of suitable		
			2.1 m X Length 4.1 m		
			of suitable size min width		
		5	Plates. Oil Quenching Tanks		
			Treatment of the finished	HARDENING	Technology 6
		7	capacity min 100°C for Heat		
			size min 2.1 X 4.1 m and		
		D	Heating furnace of suitable		
			temperature min 750°C		
			Heat Treatment of the Plates	SOFT ANNEALING	Technology 5
		2 0	size min 2 1XA 1m meters for		
	Cutting Machine.			*	
	Machine/CNC Plasma & Gas			CUTTING	Technology 4
	CNC Laser Cutting				
	and JSS-9515-022-2017.				
	Revision) for Material Jackal				
	per JSS:9515-021:2020 (First				
	tolerance of the thickness as			HOT KOLLING	recnnology 3
	8mm with dimensional			HOT BOLLING	Tochaologica
	finished plates of thickness				
	Hot Rolling mill of Sultable				

considered for Capacity Verification subjected to documentary evidence to prove the relationship / ownership. Note: Facilities must be available with vendors own premises - including facilities available with Sister / Parent Concerns / Strategic Partners shall be

1. Supporting documents to be submitted:

per format separately: List of Plant & Machinery available in-house to be submitted as per format as well as outsourced vendors Plant & Machinery to be submitted as

Sl. No.
Nomenclature of the machine
Make/Model
Capacity/Size & Accuracy
Date of Installation
Vintage of the Machine / Year of Manufacturing of machine

submitted as per format separately: List of Testing/ Inspection facilities available in-house to be submitted as per format as well as outsourced vendors Plant & Machinery to be

Sl. No.
Nomenclature of the Inspection/Testing Equipment
Make/Model
Size & Range
Date of Calibration

(with Name and Designation). If it is signed by authorized representative then scan copy of authorization letter should be attached The Plant & Machinery list and Inspection/Testing facility (as per the above format) duly signed by the CEO/MD/Director/ Proprietor/Partner

Inspection/Testing facility list – as per the above format). Vendor (Sub-Vendor) Name, Address, MoU/Tie-ups from the Outsource Vendor and their Credentials/Certification (i.e. Plant & Machinery list and If the facilities mentioned in Column No. 5 of Vendor Qualification Criteria is not available at your own premises, then submit the Outsourcing

authorized representative then scan copy of authorization letter should be attached Vendors (Sub-Vendors) in their letter head, duly signed by the CEO/MD/Director/ Proprietor/Partner (with Name and Designation). If it is signed by Outsourcing Vendor (Sub-Vendor) Name, Plant & Machinery list and Inspection/Testing facility (as per the above format) available with the Outsourcing In case, if the Outsourcing Vendors (Sub-Vendors) are not submitting the above information, then the Main/Applied vendor have to endorse the

authorized person Name, Designation and his/her specimen signature shall be affixed Note: Authorization letter should be signed by the CEO/MD/Director/ Proprietor/Partner (with Name and Designation). In the authorization letter the

2. Self-declaration for P&M list:

Firms Letterhead

Self-declaration

against me/us. found incorrect/false at any time, I/We understand our registration will be cancelled without notice, besides any other appropriate action Outsourcing Vendors (Sub-Vendors) are correct to the best of my/our knowledge and belief. In the event of any information given by me/us is I/We confirm that the information furnished about Plant & Machineries and Inspection/Testing facilities available at In-house as well as

M/s. Signature:

Name:

Designation: