

VENDOR QUALIFICATION CRITERIA FOR 3 Types of Torsion Bar Plates/Bands

SL No & DRAWING NO	MANUFACTURING TECHNOLOGY & TESTING / INSPECTION FACILITIES REQUIRED TO PRODUCE THE ITEM	MUST BE POSSESSED BY THE VENDOR IN HIS OWN PREMISES (LIST OF PLANT & MACHINERY AND TESTING / INSPECTION FACILITIES TO BE SUBMITTED)	MAY BE POSSESSED BY THE VENDOR IN HIS OWN PREMISES (OR) MAY BE OUTSOURCED (NAME AND ADDRESS OF SUB CONTRACTOR, LIST OF PLANT & MACHINERY AND TESTING TO BE SUBMITTED)
3	TECHNOLOGY - 1 Steel Making		Integrated steel plant for Steel Manufacturing as per Material Specification of the Product.
	TECHNOLOGY - 2 Hot Rolling Reversing Rougher Mill		(1) Gas fired furnace / Electrical furnace/Induction Heating /Slab Furnaces with capacity minimum 1250°C for Heating the blanks. (2) Hot Rolling mill for making sheets of suitable size and thickness max 30 mm with coiling facility. (3) Crop Shearing machine (4) Scale remover
	TECHNOLOGY - 3 Hot Rolling Wide strip mill		(1) Hot rolling wide strip mill with minimum four stands making sheets of suitable size and thickness Max 2 mm with coiling facility.
	TECHNOLOGY - 3 Cold Rolling	Cold rolling mill minimum 2 High mill	
	TECHNOLOGY - 4 Pickling	Facility for pickling operation intermediate to cold rolling operation	
	TECHNOLOGY - 5 Cutting	Band Saw / Power Saw cutting machine to cut the Raw material to required length and Size	
	TECHNOLOGY - 6 Coiling	Coiling facility for sheet after cold rolling	
	TECHNOLOGY - 7 Annealing	Furnace to stress relieve with temperature up to 900 - 1000 °C.	
	TECHNOLOGY - 8 Tempering	Furnace to Temper with temperature up to 550 - 700 °C.	

LF No. 0186160153
Steel Band 1.5 mm thick X 28 mm width to Drg No. 172.11.167/RM

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1) Load test machine minimum 100kN Capacity 2) Hardness, Chemical, Microstructure, DC Layer, Load Test and mechanical testing facilities.		TECHNOLOGY - 9 Testing	3 LF No. 0186160153 Steel Band 1.5 mm thick X 28 mm width to Drg No. 172.11.167/RM
	Inspection instruments and accessories for measuring and confirming the dimensions and other parameters as per the specification.	TECHNOLOGY - 10 Final Inspection	