

VENDOR QUALIFICATION CRITERIA BEVEL GEAR DRIVING & BEVEL GEAR DRIVEN (MACHINED SET) TO DRG NO. CQA(HV)0000.000.001

1	2	3	4	5	6
<p>NOMENCLATURE & DRAWING NO</p>	<p>MANUFACTURING TECHNOLOGY & TESTING / INSPECTION FACILITIES REQUIRED TO PRODUCE THE ITEM</p>	<p>MUST BE POSSESSED BY THE VENDOR IN HIS OWN PREMISES OR WITH SISTER / PARENT COMPANIES (SUPPORTING DOCUMENTS TO ESTABLISH RELATIONSHIP WITH SISTER/ PARENT COMPANY NEED TO BE SUBMITTED)</p>	<p>PROVIDE DETAILS OF THE FACILITIES ASKED IN COLUMN 3 THAT ARE AVAILABLE IN-HOUSE (SELF-DECLARED P&M LIST(Name of the facility/machine, Make, Date of installation, Capacity/Technical specification. (capacity, accuracy, precision & etc.)) AND TESTING/ INSPECTION EQUIPMENT LIST (Name of the Testing/ Inspection Equipments, Make, Date of calibration, Calibration agency(In-house/Out sources)) ALSO TO BE SUBMITTED)</p>	<p>MAY BE POSSESSED BY THE VENDOR IN HIS OWN PREMISES OR OUT SOURCED</p>	<p>PROVIDE DETAILS OF THE FACILITIES ASKED IN COLUMN 5 THAT ARE AVAILABLE IN-HOUSE OR OUT-SOURCED FIRMS (NAME AND ADDRESS OF THE SUB-CONTRACTOR TO BE DECLARED BY THE FIRM IN FIRM'S LETTERHEAD, SELF-DECLARED P&M LIST(Name of the facility/machine, Make, Date of installation, Capacity/Technical specification. (capacity, accuracy, precision & etc.)) AND TESTING/ INSPECTION EQUIPMENT LIST LIST (Name of the Testing/ Inspection Equipments, Make, Date of calibration, Calibration agency(In-house/Out sources)) ALSO TO BE SUBMITTED)</p>
<p>BEVEL GEAR DRIVING & BEVEL GEAR DRIVEN (MACHINED SET)</p> <p>DRG NO. CQA(HV)0000.000.001</p>	<p>TECHNOLOGY - 1</p>	<p>TURNING MACHINE</p>	<p>TURNING MACHINE DIA 200 MM OR MORE WITH 0.020 MM ACCURACY</p>		
		<p>GEAR HOBBLING</p>	<p>GEAR HOBBLING MACHINE DIA 200 MM (OR MORE) X STROKE HEIGHT 200 MM (OR MORE), MODULE 2 MM OR MORE WHICH CAN PRODUCE GEARS OF DIN7 OR BETTER ACCURACY.</p>		
		<p>SPIRAL BEVEL CUTTING MACHINE</p>	<p>SPIRAL BEVEL CUTTING MACHINE DIA 200 MM (OR MORE), MODULE 4 MM OR MORE WHICH CAN PRODUCE GEARS OF DIN7 OR BETTER ACCURACY.</p>		
		<p>SPIRAL BEVEL GEAR LAPPING STAND</p>	<p>SPIRAL GEAR LAPPING STAND TO CARRY LAPPING OF GEARS IN PAIR AS PER DRAWING REQUIREMENT</p>		
		<p>BROACHING MACHINE</p>	<p>HYDRAULIC BROACHING MACHINE OF DIA 30 MM OR MORE, 2MM MODULE OR MORE, BROACHING WIDTH OF 50 MM OR MORE</p>		
		<p>CYLINDRICAL GRINDING MACHINE</p>	<p>EXTERNAL GRINDING MACHINE DIA 40 MM OR MORE, SWINGING LENGTH OF 200 MM OR MORE WITH DIAMETRICAL ACCURACY OF 0.002 MM ACCURACY. IN BETWEEN CENTRE GRINDING AND CHUCK AND CENTRE GRINDING PROVISION SHOULD BE AVAILABLE IN THE MACHINE.</p>		

TECHNOLOGY - 2	CARBURIZING, HARDENING & TEMPERING			CARBURIZING, HARDENING & TEMPERING FURNACE WITH OIL QUENCHING FACILITY	
TEST / INSPECTION - 1	INSPECTION	- STANDARD GAUGES FOR CHECKING THREADS, SPLINE BORE AND RING GAUGE FOR CHECKING SHAFT GEARS -MEASURING INSTRUMENTS LIKE GEAR TEETH MICROMETER, VERNIER CALIPER, SURFACE ROUGHNESS TESTER, HARDNESS TESTER (BHN/HRC)			
TEST / INSPECTION - 2	INSPECTION	ALL TESTING FACILITIES CHEMICAL, MECHANICAL AND PHYSICAL PROPERTIES WITH CERTIFICATION AS PER COMPONENT REQUIREMENT.			
TEST / INSPECTION - 3	INSPECTION	GEAR PROFILE TESTER (MAX MODULE 6)			

1. Supporting documents to be submitted:

List of Plant & Machinery available in-house and from outsourced firms to be submitted as per format:

SL.No.	Name of the facility/machine	Make	Date of installation	Capacity/Technical specification. (capacity, accuracy, precision & etc.)

List of Testing/ Inspection facilities available in-house and from outsourced firms to be submitted as per format:

SL.No.	Name of the Testing/ Inspection Equipments	Make	Date of calibration	Calibration agency(In-house/Out sources)

2. Undertaking has to be submitted by the firm for the facilities for inspection to be developed as per QAI/ TY specification after getting Supply Order.

<p>Firms Letterhead UNDERTAKING</p> <p>We M/s. having our registered office at _____ hereby undertake that we will develop the necessary facilities for inspection as per QAI/TY specification after getting Supply Order. For and on behalf of: M/s. Signature: Name: Designation: Date: To,</p>

3. The firm already established with HVF is not eligible to quote, being source development efforts.

4. In-house facilities including facilities with sister / parent companies shall be considered for capacity verification. However, supporting documents to establish relationship with sister/ parent company need to be submitted along with response to AVR/OTE.