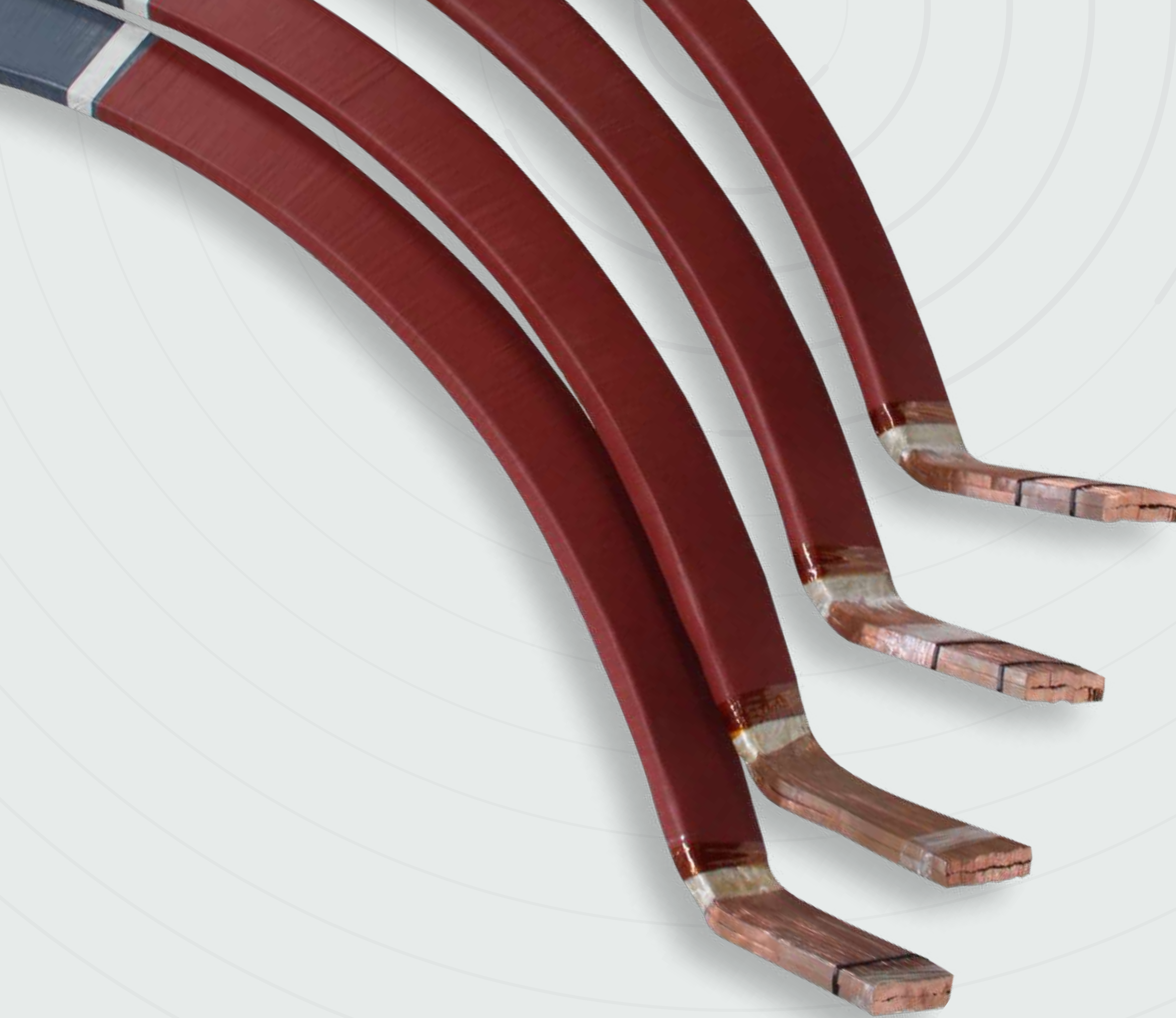




SCOPE OF WORK

Manufacture and supply of Fully Cured Resin Rich Turbo Bars
120 No's, using all Class F materials at 15.75 kV, guarantee
of 12 months.



BASIC INFORMATION ABOUT COIL & MACHINE

MAKE	MW	VOLTS	AMPS	HZ	POLES	RPM	INS.CL
-	160	15.75 kV	-	-	-	-	F

Forging a path to mastery through precision, power and endurance.

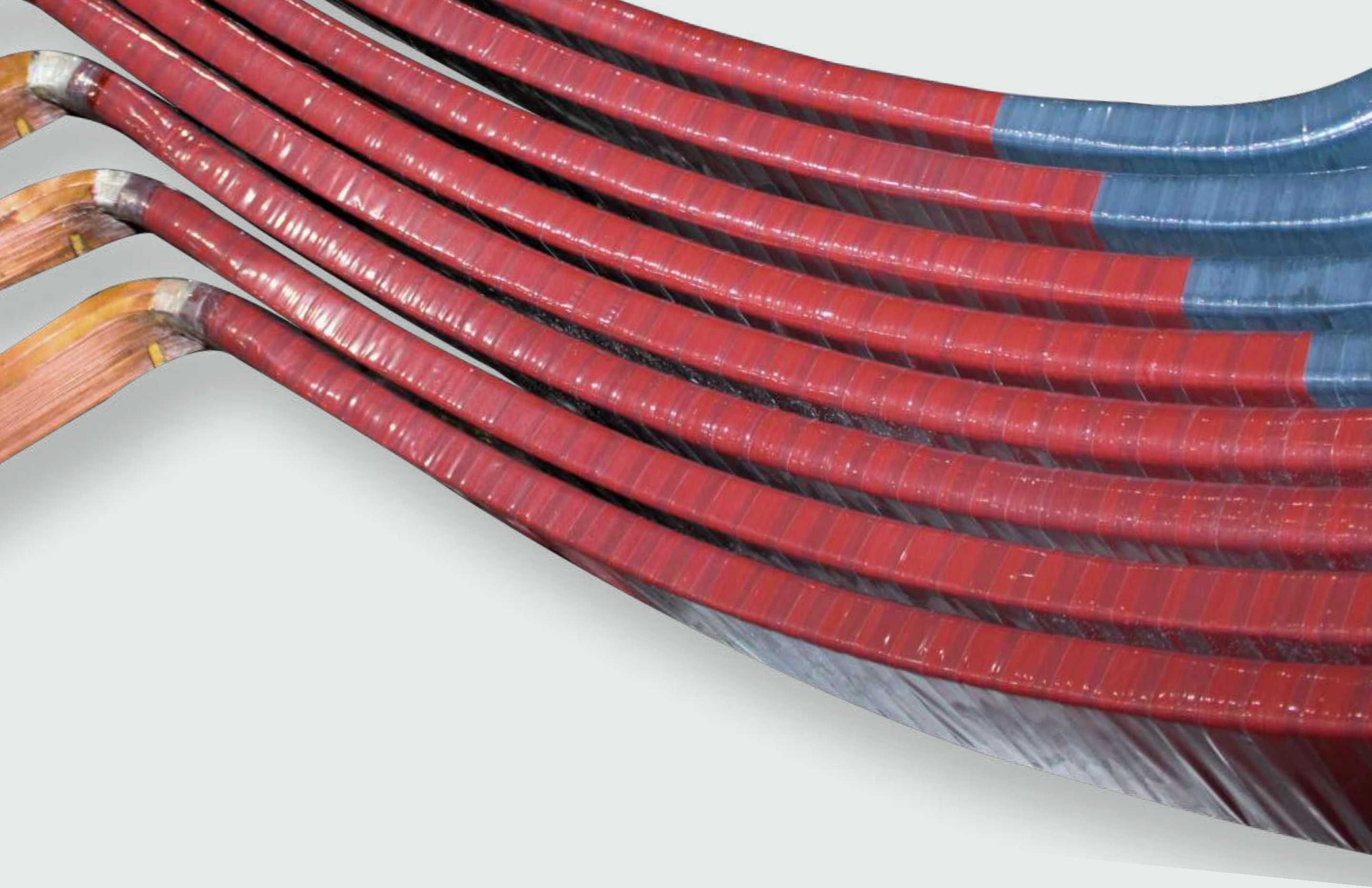


FINAL TESTING ON INDIVIDUAL COIL

- Dimensional measurement
- Inter element test at 220 V AC
- Bar resistance measurement
- Surface resistance measurement
- Insulation resistance test at 5000V before AC HV test



- Absorption ratio R60"/R15"
- AC HV test at 48 kV [slot portion] and 24 KV [OH portion] for 1 minute
- Insulation resistance test at 5000V after AC HV test
- Partial discharge test at phase voltage for 100% of the bars
- Tandelata test at 120% of rated voltage



BAR DETAILS

- Bar overall length: 5828 mm
- Bar straight length: 4268 mm
- Conductor size: 10.30 mm × 1.90 mm
- No. of parallel conductors: 44 + 44 = 88 conductors
- Bar weight: 93.30 kg

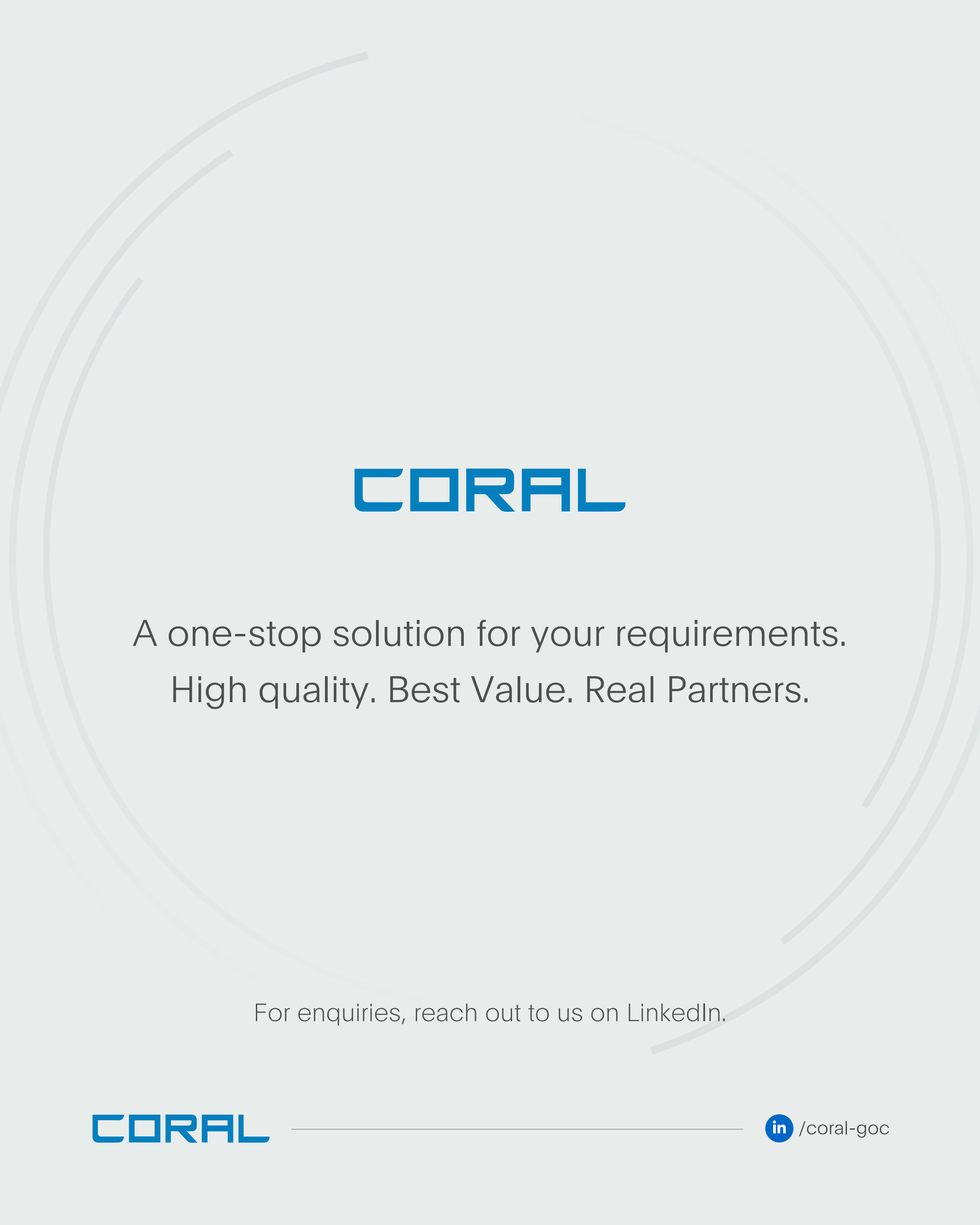


PROCESS CRITICALITY

- The bars have roebelling in both core and overhang portion
- Roebeling angle is 540° for straight portion and 360° over hang portion

PROCESS EXCELLENCE

- Brand new machinery deployed
- Fully imported insulation materials
- Dedicated manpower team
- Delivered within committed timeline



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