

MINERAL EXPLORATION AND CONSULTANCY LIMITED
(A GOVERNMENT OF INDIA ENTERPRISES)
AN ISO 9001-2008 CERTIFIED COMPANY
MAHAI PROJECT

Address: Project office, MECL MAHAI PROJECT C/O Arvind
Shrivastava Ward no.7 near oswal bhavan Naya sabhji
Mandi Manendragarh, Chhatisgarh -497442

Scope of Work

Supply & Technical Evaluation Clause

The bidder shall supply **1500 Nos. of NQ Core Lifter (Copper Coated)** and **650 Nos. of NQ Core Case with Stop Ring** strictly as per the technical specifications mentioned below.

During the **technical evaluation stage**, the bidder is required to submit **one sample each** of the core lifter and core case. The submitted samples will be tested under different geological formations to assess performance and durability.

Only those bidders whose samples **successfully meet the performance criteria** during testing shall be considered **technically qualified**. In case the samples fail to meet the required standards, the bidder shall be **rejected at the technical stage**.

Further, the bidder declared **L-1 (Lowest Bidder)** after opening of the price bid must ensure that the **entire supply matches the quality, specifications, and performance of the approved sample** submitted during technical evaluation.

Authorized Signatory
(To be physically signed by the bidder)

Designation

MINERAL EXPLORATION AND CONSULTANCY LIMITED

MAHAI PROJECT

TECHNICAL SPECIFICATION FOR NQ CORE LIFTER COPPER COATED

SL.No.	Specification of NQ Core Lifter	Operation
1.	Core Lifter-NQ Size (Conforming to LONGYEAR 'Q' series specification, Dimensionally) OD (mm)-51.9 ID (mm)-46.6 Overall length(mm)-29 Thread-20pitch	For wire line core lifting

Technical points to be followed strictly:

1. Material Specification EN-45 Grade Steel
2. Heat Treatment- quenched, Hardness 44-46 RC.
3. Copper coated
4. Minimum performance of one core lifter must be above 20 meter; i.e. one NQ core lifter must perform efficiently for at least 20 meter of drilling.

Different view of the desired NQ core lifter



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TECHNICAL SPECIFICATION FOR NQ CORE CASE

SL. No.	Specification of NQ Core Lifter	Operation
1.	Core Case With Stop Ring NQ Size Conforming to LONGYEAR 'Q' series specification, Dimensionally) O.D(mm)-56, All Over ID (mm) 49. Thed Bore (mm) 52 Overall length(mm)-75, Thread 8Tpi Peach	For wire line core lifting

Technical points to be followed strictly:

1. Material Specification EN-19 Grade Steel
2. Heat Treatment-quenched, Hardness 42-44RC.
3. Minimum performance of one core case must be above 40 meter; i.e. one NQ core case must perform efficiently for at least 40 meter of drilling.

Different view of the desired NQ core case



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