

**Scope of Work:**

- ⊗ To carry out Destructive testing at **NABL lab for Tensile test, Bend test, Impact test, Hardness test, Macro examination and Chemical test** for High-speed Rail Project.
- ⊗ The period of testing is from 01.02.2026 to 29.02.2028 or till completion of the PO quantity whichever is later.
- ⊗ AS and WHEN required.

**QTY:**

Service No	Service Description	Qty	UOM
1	(BUTT/RAW MAT) TENSILE TEST	124.000	NO
2	(BUTT/RAW MAT) WITNESS TENSILE TEST	124.000	NO
3	(BUTT/RAW MAT) BEND TEST	248.000	NO
4	(BUTT/RAW MAT) WITNESS BEND TEST	248.000	NO
5	(BUTT/RAW MAT) IMPACT TEST AT ROOM TEMP	124.000	NO
6	(BUTT/RAW MAT) WITNESS IMPACT AT ROOM TE	124.000	NO
7	(BUTT/RAW MAT) IMPACT TEST, AT -60 DEG C	124.000	NO
8	(BUTT/RAW MAT) WITNESS IMPACT TEST, -60C	124.000	NO
9	(BUTT/RAW MAT) IMPACT TEST, AT -196DEG C	124.000	NO
10	(BUTT/RAW MAT) WITNESS IMPACT TEST,-196C	124.000	NO
11	(BUTT/RAW MAT) HARDNESS TEST	186.000	NO
12	(BUTT/RAW MAT) WITNESS HARDNESS TEST	186.000	NO
13	(BUTT/RAW MAT) MACRO EXAMINATION	62.000	NO
Service No	Service Description	Qty	UOM

14	(BUTT/RAW MAT) WITNESS MACRO EXAMINATION	62.000	NO
15	(BUTT/RAW MAT) CHEMICAL TEST	62.000	NO
16	(BUTT/RAW MAT) WITNESS CHEMICAL TEST	62.000	NO
17	(FILLET JOINT) HARDNESS TEST	450.000	NO
18	(FILLET JOINT) WITNESS HARDNESS TEST	450.000	NO
19	(FILLET JOINT) MACRO EXAMINATION	150.000	NO
20	(FILLET JOINT) WITNESS MACRO EXAMINATION	150.000	NO

#### **DESTRUCTIVE TEST AT NABL LAB**

Terms and conditions:

- i) Firm shall be a **NABL** approved Lab based in Bangalore, having minimum of **Five years' experience**.
- ii) Firm to provide the proof of **NABL accreditation and certificate shall be shared if necessary. Certificate validity is mandatory during testing.**
- iii) The specimen cutting shall be in firm scope and to be made suitable for testing as per ISO standards.
- iv) BEML will inform the firm regarding "test witness" and will share the details before 48hrs of the test. The firm shall submit the reports with NABL emblem. The customers like **DB Engineering/TUV/NHSRCL /NHSRCL Representatives** etc may also associate during the test witness.
- v) After completion of the destructive testing, soft copy of the test reports should be submitted on the immediate **next working day (24hrs of test)**. The test report shall contain the raw material details, raw material gate pass details, thickness and other test parameters as per the standard. Hard copy of the reports to be sent by courier to BEML.
- vi) Firm shall provide the Invoice of the test conducted after completion of test.
- vii) Transportation of the test specimen shall be on BEML Scope.
- viii) Firm shall proceed for testing only after receipt of communication from BEML rep (either direct, official letter or email correspondence).