



UDUPI COCHIN SHIPYARD LIMITED

Malpe Harbour Complex, Malpe,
Udupi, Karnataka – 576 108, India.
Tel – 0820 2538604

MATERIALS DEPARTMENT

CORRIGENDUM - 1 dated 06.10.2025

SPECIFICATION AMENDMENT IN THE TENDER

Tender No.: UCSL/MAT/NPROJ/2025-26/516

Date: 26.09.2024

Sir,

**CORRIGENDUM - 1 dated 06.10.2025 -TENDER ENQUIRY FOR High Carbon Steel Grit - G25
& Steel Shot S330 for ABPM Machine at UCSL Hangarkatte**

The following terms of the subject tender is amended as follows:

Sl. No.	Description	New Amended Specification
01	High Carbon - Steel Grit GP 25 & Steel Shots S 330	Annexure - 4

Bidders may take note of the above changes and consider the same prior to quoting. All the other terms and conditions of the tender enquiry remains unchanged.

For Udupi Cochin Shipyard Limited,

सोणि क्लेमेन्ट टी एम
SONY CLEMENT T M
AGM (Materials)
उडुपि कोचीन शिपयार्ड लिमिटेड
UDUPI COCHIN SHIPYARD LIMITED
माल्पे, कर्नाटक/MALPE, KARNATAKA-576 108

UDUPI COCHIN SHIPYARD LIMITED**TECHNICAL SPECIFICATION**

1. Item Details:

Item Description

High Carbon - Steel Grit GP 25 & Steel Shots S 330**Steel Grit GP 25:**

1. Shape : Angular,
2. Chemical Composition: SAE J1993 specification as below;
 - a) C : 0.80% - 1.20 %
 - b) Mn : 0.60% - 1.20 %
 - c) Si : 0.40% - 1.00 %
 - d) S : 0.050 % (maximum)
 - e) P : 0.050 % (maximum)
2. Hardness: 40 - 51 HRC
3. Microstructure: Tempered Martensite
4. Density: 7.3 g/cm³ (minimum)
5. Size distribution : SAE J444 specification as below;
 - a) Sieve No.: 16 (1.18 mm) - All Pass,
 - b) Sieve No.: 25 (0.71 mm) - 75% (minimum),
 - c) Sieve No.: 40 (0.425 mm) - 80% (minimum).
6. Packing Detail: 25 kg per bag, PP bags.

Steel Shots S 330:

1. Shape : Round,
2. Chemical Composition : SAE J827 specification as below;
 - a) C : 0.85% - 1.20 %
 - b) Mn : 0.60% - 1.20 %
 - c) Si : 0.40% - 1.10 %
 - d) S : 0.050 % (maximum)
 - e) P : 0.050 % (maximum)
7. Hardness: 40 - 51 HRC
8. Microstructure: Tempered Martensite
9. Density: 7 g/cm³ (minimum)
10. Size distribution : Asper SAE J444 specification as below;
 - a) Sieve No.: 14 (1.40 mm) - All Pass,
 - b) Sieve No.: 16 (1.18 mm) - 5% (maximum),
 - c) Sieve No.: 20 (0.85 mm) - 85% (minimum),
 - d) Sieve No.: 25 (0.71 mm) - 96% (minimum).
11. Packing Detail: 25 kg per bag, PP bags.

12. Lab Certificate from an NABL accredited Lab for Quality Acceptance shall be submitted along with offer and supply.

13. Items shall be supplied with batch certificate ensuring all quality parameters.

2. Successful bidder/bidders shall submit 400 Grams of sample on non-returnable basis within 7 days from the date of placement of order. The sample shall be inspected and tested at UCSL and bulk supply shall be as per the inspection /test report.
3. If the quality is not in line with the specification, the firm has to rectify the same and submit the sample to UCSL within 7 days for re-inspection from the date of first inspection. Failing which UCSL shall have the right to cancel the Purchase order.