



Procurement and Contracting Services

Request for Proposals for Low Temperature Plasma Enhance Chemical Vapor Deposition System for SiO₂ and Si₃N₄

Addendum 1

**Please mark all proposal submission
Files with the following information**

**Sealed RFP # L192517
Due on March 13, 2025 no later than 2:00 PM, MST**

The timeline for RFP L192514 has been amended as follows:

Section 3.3:

Original Schedule

02/14/2025 Issuance of RFP
02/25/2025 Technical Questions/Inquiries due no later than 12:00 PM, MST
03/07/2025 RFP is Due March 7, 2025, no later than 2:00 PM, MST

Revised to:

02/14/2025 Issuance of RFP
02/25/2025 Technical Questions/Inquiries due no later than 12:00 PM, MST
03/13/2025 RFP is Due March 13, 2025, no later than 2:00 PM, MST

The following questions were received prior to the technical question period close of February 25, 2025 at 12:00PM MST:

1. What are the film property requirements for diamond-like carbon (DLC) films (e.g., hardness, transmittivity, stress,
 - a. Hardness, or any other data presented by bidders is at the discretion of the bidders. If a bid presents Rockwell Hardness C data for steel, for example, then the HRC data for the DLC coated steel should indicate that the film is harder than the bare steel. The ability to deposit continuous DLC is the scoring factor and not necessarily the film hardness.
2. What are the target stress values for the films (SiNx, SiO₂, a-Si)?
 - a. SiNx stress values should be presented. Scorers will look at the capability of the tool to deposit low-stress and high stress nitride.
 - b. We have no target stress values for SiO₂ or a-Si. Available data should be presented.
3. What are the SiNx/SiO₂ film property requirements (e.g., wet etch rate ratio, dielectric strength, RI, etc.) at the low end of the deposition temperature range, i.e., 50°C?
 - a. A nitride film with RI that can be varied between 1.8-2.2 will be viewed favorably. Otherwise, tool capability data should be presented.
 - b. Continuity of films is important. Any data available that indicate the films are dense and defect free (or at least minimal) will be viewed favorably.

End of Addendum, all else remains the same.