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| Logo | **TECHNICAL DELIVERY CONDITION** | **Project: RS15** |
| **Aggregate** | **Aluminum Air duct panels** | **DOC No.: GR/TD/5125** |
| **BEML Enquiry/ RFQ Reference :** | | |

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| **Sl.**  **No.** | **Technical Delivery Conditions** | **COMPLIED** | **NOT COMPLIED** |
| 1 | Air duct panels shall be constructed from aluminum sheets of Alloy grade as per ASTM B209, grade 5052. All parts shall confirm to the drawing requirements. | **🞎** | **🞎** |
| 2 | Duct panels shall be anodized to grade AC15 of IS:1868. Anodizing coating thickness test certificate shall be submitted | **🞎** | **🞎** |
| 3 | PAINTING:  The panels shall be cleaned and shall be free from oil/grease. The marked area of panels shall be primer painted with epoxy primer to grade EP1119 of M/s. KCC paint to a dry film thickness of 40 micron and subsequently finish painted with polyurethane paint to grade UT 5119 of M/s KCC paint to a dry film thickness of 40 micron. Total dry film thickness shall be 80-120micron.  Colour of the primer - Light Grey / white  Colour of Finish paint - Grey NCS 1000N  Thinner for EP1119 is 024 & for UT5119 is 037U. | **🞎** | **🞎** |
| 4 | Fabrication of the assembly shall be carried out by qualified welders. Aluminum welder qualification certificate and Welding Process Qualification (WPS & PQR) as per EN / ISO / DIN standard shall be submitted along with the technical bid. | **🞎** | **🞎** | 🞎 |
| 5 | The Air duct panels shall be manufactured using dedicated tooling and the part shall be free of tool marks & scratches | **🞎** | **🞎** |
| 6 | Raw material shall be procured from reputed manufacturer and material test certificate from source shall be submitted. The firm shall submit material test certificate composition and mechanical properties as per ASTM B209, grade 5052 H32 | **🞎** | **🞎** |
| 7 | The firm should have established international quality and systems certifications like ISO-9001 / ISO -14001/ IRIS. The certificates shall be submitted.100% quantity of the air duct panels shall be subjected to visual and dimensional inspection. Inspection reports shall be submitted along with supplies. | **🞎** | **🞎** |
| 8 | Vendor shall obtain proto clearance before taking up mass production. | **🞎** | **🞎** |
| 9 | Part number shall be marked on all panels. However, use of label for mentioning the part number is not acceptable. Care shall be taken such that marking part number shall not damage the anodised surface. | **🞎** | **🞎** |
| 10 | The supplier shall submit confirmation for the above points along with their technical offer. | **🞎** | **🞎** |

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Signature of the Bidder with Seal

(Name, Designation & Address)