

Specifications

1. **Objective** – Realization of interface ring for attachment of radome during EM and other functional testing.
2. **Introduction** - R&DE(E) is working on the development of Radome for Light Combat Aircraft (LCA) under project DRAP. Radome for LCA is conical in shape with a total length of 1972mm. Diameter at fuselage end is 892mm. A prototype of radome is realized and it will be subjected to various functional and structural testing. To mount the radome on test fixture during testing an interface frame is required.
3. **Scope of work**

Following are the list of work to be executed by firm:-

- 1) Firm has to manufacture the interface ring as per the following list of drawings.

Drawings are attached as an *Annexure to specifications*.

SR.	PART NAME	DRAWING NUMBER	Material	QTY.
1.	HOLDING PLATE TOP	0295000000100	AI 6061 T6-CONDITION	01
2.	HOLDING PLATE BOTTOM	0295000000200	AI 6061 T6-CONDITION	01
3.	TOP PLATE	0295000000300	AI 6061 T6-CONDITION	02
4.	TOP SIDE MIDDLE	0295000000400	AI 6061 T6-CONDITION	02
5.	BOTTOM SIDE	0295000000500	AI 6061 T6-CONDITION	02
6.	BOTTOM SIDE MIDDLE	0295000000600	AI 6061 T6-CONDITION	02
7.	BOX PART 01	0295000000700	AI 6061 T6-CONDITION	02
8.	BOX PART 02	0295000000800	AI 6061 T6-CONDITION	02
9.	BOX PART 03	0295000000900	AI 6061 T6-CONDITION	02
10.	HOLDING PLATE DIA 380MM	0295000001000	AI 6061 T6-CONDITION	01
11.	HOLDING PLATE TOP DIA 360MM	0295000001100	AI 6061 T6-CONDITION	01
12.	EXTENSION ROD	0295000001200	AI 6061 T6-CONDITION	06
13.	HOLDING PLATE BOTTOM DIA 340MM	0295000001300	AI 6061 T6-CONDITION	01
14.	INTERFACE FRAME	0295000001400	AI 6061 T6-CONDITION	01
15.	INTERFACE FRAME ASSEMBLY	0295000000000	FOR REFERENCE ONLY	

- 2) Supply of interface ring to R&DE(E).

Arjun