

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).

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