Task 2 – Flex/Color Chart Paper/SIM Placement

Document Printing Instructions

Instructions for Flex Printing:

Please find the *Ant_Bot_Arena.pdf* file within *Task2/Flex_printing* folder.

- You must carry *Ant_Bot_Arena.pdf* file in any storage device to the vendor who prints the flex sheet.
- Dimensions of the arena can be viewed in .pdf file by pressing CTRL+D in Adobe Reader. For your reference and verification, the flex sheet to be printed should be of dimension (WxH) **6 feet x 7 feet**.
- Team is not allowed to make any changes in the .pdf file. Any team making such manipulations will be disqualified from the competition.

Here are the dimensions for your reference and verification:

Full Arena (WxH): 183 cm x 213 cm

Line Width: 1.2 cm

Node Size: 3cm x 3cm

Instructions for printing Color Chart Paper:

Please find the *Color_Chart_Paper.pdf* file within *Task2/Flex_printing* folder.

- You must carry *Color_Chart_Paper.pdf* file in any storage device to a vendor who can provide A4 size color prints.
- This document has a standard A4 size dimension. Print this file on a good quality 75 GSM paper and make sure printed output has a constant colour gradient so that each paper is proper in terms of color.
- Team is not allowed to make any changes in the .pdf file. Any team making such manipulations will be disqualified from the competition.

NOTE: Color chart papers are to be printed on a A4 sheet and not on flex sheet.

Instructions for printing SIM Placement Document:

Please find the *SIM Placement Document.pdf* file within *Task2/Flex_printing* folder.

- You must carry *SIM Placement Document.pdf* file in any storage device to a vendor who can provide A4 size prints.
- This document has a standard A4 size dimension. Print this file on a good quality paper in black and white color.
- Team is not allowed to make any changes in the .pdf file. Any team making such manipulations will be disqualified from the competition.

NOTE: SIM Placement Document is to be printed on a plain A4 sheet and not on flex sheet.

Instructions for the Vendor:

- The vendor must print the arena directly from the .pdf file.
- The vendor cannot make any changes in the .pdf file provided for printing.
- If the vendor is using the CMYK color profile for printing, he/she must set the K value to 100 as that would give a perfect black colour for the black lines of the arena.

General Instructions for keeping flex sheet in good condition:

1. Leave sheet open for about 30 minutes to dry in the air after printing. After this, you can roll it and bring it home.

2. **Do not fold the flex sheet.** Always keep it rolled after using it.

3. You will be using the printed flex sheet throughout the competition, so teams are advised to store the rolled-up flex sheet in a dry, safe place.

Instructions for Submissions:

1. Print the arena on the flex sheet as per the instructions given.

2. Click a picture of your arena using a camera. This picture must clearly depict the printed flex sheet.

3. Upload the picture using instructions provided on the Portal.

4. Only .png format image is allowed with a maximum size of 3 MB

Note: Printout for Color_Chart_Paper and SIM Placement Document is to be used to prepare components of the arena. You need not submit an image of Color_Chart_Paper and SIM Placement Document printout now.