

MBZIRC 2017



Overview

- The **MBZIRC** is an international robotics competition open to all teams
- It will be held every two years, with total prizes of USD 5 Million.
- The **MBZIRC** aims to provide an environment that will inspire future robotics.

MBZIRC.COM

The Challenge

Challenge 1 - UAV to locate, track and land on top of moving vehicle.

Challenge 2 - UGV to locate and reach the vehicle, and physically operate a valve stem on a panel.

Challenge 3 - A team of UAVs to search, locate, pick and place a set of static and moving objects.

The Grand Challenge - A team of robots (UAVs and UGVs) to compete in an event that combines Challenges 1, 2 and 3.

The Challenge

Timelines

- Call for Intent to Participate
 - Submission of Intents
 - Call for Proposals
 - Submission of Proposals
 - Selection of Finalists
 - Preparation Camp
 - **MBZIRC**
- May 2015
 - June 2015
 - September 2015
 - 07 November 2015
 - December 2015
 - November 2016
 - February 2017

Prizes and Sponsorship



Prizes and Sponsorship

- Funding of US \$5 million will be allocated for prizes and sponsorship. The current plan is to allocate US \$3 million of this for team sponsorship and US \$2 million of this as prize money.
- MBZIRC will sponsor a selected set of teams up to a maximum value of US \$400,000 per team.
- The prize money will be allocated to the winner of each challenge as follows:

Grand Challenge US \$1 million

Challenge 1 US \$350,000

Challenge 2 US \$350,000

Challenge 3 US \$350,000

Application Process



Call for Proposals

Now Open at

www.mbzirc.com/apply

Deadline 07 November 2014

Application Form - 1

1. Administrative Information

2. Proposal

2.1 Key Personnel (CVs of up to 5 key team members)

2.2 Supporting Material (optional)

Videos, Simulations, Other Relevant Material

Application Form - 2

Sections 2.3 and 2.4 must be completed by all teams seeking sponsorship.

2.3 Statement of Work (SOW)

- A description of the approach - technical tasks to be performed
- A list of deliverables (reports, data, software, hardware, prototypes)
- A Gantt Chart including following milestones (Video submission – May 2016, Preparation camp – November 2016, Main Competition – Feb 2016)

Application Form - 2

2.4 Budget

2.4.1 Amount of sponsorship money requested in US \$

2.4.2 State how you intend to spend the sponsorship money to produce the deliverables.

Selection Criteria



Proposal Evaluation

(a) Proposal

(b) Track Record

**As evidenced by scientific and engineering
excellence**

THANK YOU