TECHNICAL REQUIREMENTS

TV LEVEL 1 – CAMERA PLAN AND EQUIPMENT REQUIREMENTS

RIFLE / PISTOL (12 cameras)

1 OB-Van 1080i 50
2 Power generators (main and back-up) for the OB-van
Video Switcher
Audio Mixer

OB-van cameras:
   #5 - SSM, x80, on tripod
   #8 - SSM, x14, ENG
   #9 - ENG camera on RF channel with x14 lens with 1-way IFB
   #10 - x22 on tripod
   #11 – crane camera x14
4 mini cameras:
   #1, 2, 3, 4 - x22 or similar, with zoom, with robotic heads, on the floor
2 SSM cameras (75-150 fps)
   #6 and #7 - SSM (75-150 fps), x40 lens, on robotic heads, raised from the floor by 120 centimeters
1 crane
   #11 - crane (6 meters) with OB-van camera, wish zoom, with tilt/pan
All cameras to have Tally and talk-back
3 EVS (3 x 6-2 all in network) with X-files

Audio:
International sound microphones and stands
Radio transmitters/receivers, radio sets, alkaline batteries
Digital recorder/playback
Commentator unit with 2 headsets - 1 pcs
External intercom – 2 pcs

Monitors:
7 monitors 1920x1080 30 inches +

Internet streaming:
PGM with International sound + commentary (MIX)
Streaming to LiveStream + Youtube + Facebook

Graphics:
Graphics to be applied by ISSF partners in the OB-van and on the final range
   Provide Key+Fill+Reference, Ethernet cable for data connection, LAN cables

Others:
HDD recorder
USB recorder (<10 mbit)
Yellow Jackets
Walkie Talkie
Engineering Staff
SNG
SHOTGUN (10 cameras)

1 OB-Van 1080i 50
1 SNG
2 Power generators (main and back-up) for the OB-van
Video Switcher
Audio Mixer

OB-Van cameras:
   #1 - x80 SSM (75fps) on tripod (with wheels)
   #2 - x22 on tripod
   #3 - x80 SSM (75fps) on tripod
   #4 - x40 on tripod (with wheels)
   #5 - x80 SSM (75fps) on tripod (with wheels)
   #6 - x14 ENG
   #7 - x14 ENG
   #8 - x14 on RF Steadicam
   #9 - x14 on a Crane
   #10 - QuadCopter streaming 1080i LIVE (Phantom Inspire or better. Phantom 4 not acceptable)
1 Crane 6 meters with robotics head (including dolly operator)
1 Steadicam on RF channel with IFB for cameraman
All cameras to have Tally and talk-back
3 EVS (3 x 6-2 all in network) with X-files

Audio:
International sound microphones and stands
Radio transmitters/receivers, radio sets, alkaline batteries
Digital recorder/playback
Commentator unit with 2 headsets - 1 pcs
External intercom – 2 pcs

Monitors:
7 monitors 1920x1080 30 inches +

Internet streaming:
PGM with International sound + commentary (MIX)
Streaming to LiveStream + Youtube + Facebook

Graphics:
Graphics to be applied by ISSF partners in the OB-van and on the final range
   Provide Key+Fill+Reference, Ethernet cable for data connection, LAN cables

Others:
HDD recorder
USB recorder (<10 mbit)
Yellow Jackets
Walkie Talkie
Engineering Staff
SNG