**Bill of Materials for complete InMoov Robot**

In case you want to use the MyRobotLab (MRL) software to control InMoov, you'll need 2 Arduino Mega 1280 boards.
Since you can't connect the servos directly to the Aduinos, you'll need to make a sort of breedboard were the power can supply all the servos. 2 servo shields are necessary to do this.

-11 servos like the HK15298 or MG995 or MG946.
-10 servos like the Hitec HS805BB
-3 servos like the DS929HV for the eye mechanism. (MRL software is not yet implemented to make them function)
-100cm cables to connect servos to the Arduino boards.
-2 Megapixel cameras for the eyes. (tracking is implemented in the MRL)

-non stretchable Fishing braid line (strength 200LB)
-3 batteries 6V 12AH with automotive wiring to supply all the servos or a power supply.
-1 automotive switch.
-1 bluetooth wireless headphone with microphone (f.e. from Logitech).
-1 PC running Windows XP or 7 with MRL installed.

-some Sugru putty if you want for the finger tips to be able to grab things. (or some rubber strips)
-a stand to set the robot up as it gets assembled together.
-Drills bit from 1mm to 10mm. (mainly 3- 3,5-4-8.
-Screws according to these diameters.
-2 bolts 8mm x 86mm for the shoulders.
-2 bolts of 8mm x 70mm.
-Hot glue gun.
-Pincette.
-Soldering material.
-Sand paper,
-Thick grease for the gears.

-All the printed parts.
-preferably print in ABS instead of PLA. Gluing the ABS parts with acetone is very easy. ABS is also much stronger for the gearings.