Pre-Playa Construction Schedule

Task	Date	Length
Finish design and production drawings	02/01/10	1 month
Get parts for frame	02/08/10	1 week
Basic Frame construction	02/15/10	2 weeks
Notification of grant award!	03/01/10	
Order parts for robotic arms	03/03/10	
Hand assembly construction	03/04/10	1 week
Hand assembly programming &testing	03/11/10	1 week
Build arm frames	03/18/10	1 week
wrist servo motion assembly	03/25/10	1 week
Wrist and hand testing	04/01/10	3 days
elbow servo motion assembly	04/04/10	1 week
Testing and programming	04/11/10	3 days
shoulder servo motion assembly	04/14/10	1 week
Testing and programming	04/21/10	3 days
Chest servo motion assembly	04/24/10	1 week
Mount arms to frame	05/01/10	2 days
Testing and programming	05/03/10	1 week
Order Fuel supply system parts	05/10/10	2 days
Build Wire mesh wicks	05/12/10	1 week
Build fuel system and test wicks	05/19/10	1 week
order steel / get steel from junkyard	05/26/10	3 days
Finish out frame including body pieces	05/29/10	1 week
send design to laser cutters	06/05/10	2 days
have panels cut	06/07/10	2 days
tap them with recessed holes	06/09/10	2 days
texture the metal and polyurethane	06/11/10	1 week
Testing and programming	06/18/10	2 weeks
Audio electronic system construction	07/02/10	1 week
integration with motion electronics	07/08/10	1 week
Drum assembly	07/15/10	1 week
Testing and programming	07/22/10	2 weeks
disassemble parts	08/05/10	2 days
build storage containers	08/07/10	1 week
reassemble with team	08/14/10	2 days
Testing and programming	08/16/10	1 week
disassemble parts	08/23/10	2 days
load on truck & drive to Black Rock City	08/26/10	2 days
Unload and begin assembly	08/28/10	2 days

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On Site Construction Schedule

	08/28/10
Remove items from box truck	3 hr
set up scaffolding	1 hr
assemble base frame	2 hrs
attach vertical square tube support	.5 hr
dig trench for fuel and power lines	.5 hr
run power and fuel lines	.5 hr
attach robotic arms and chassis	1 hr
attach head and chest frame pieces	1 hr
mount speaker inside frame base	.5 hr
attach lanterns and fuel lines	1 hr
	08/29/10
mount electronics inside head	1 hr
run XLR microphone cables	.5 hr
connect remaining fuel lines and data cables	.5 hr
set up fuel protection storage	1 hr
move fuel tanks	.5 hr
set up generator	.5 hr
build perimeter fence	1 hr
Test motion	1 hr
Attach fuel lines to tank	.5 hr
have setup inspected.	1 hr
bleed out air	.5 hr
test lanterns	.5 hr
screw on plate steel covers on frame	1 hr
install drums outside of perimeter fence	1 hr
	08/30/10

Ready to go!

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