

Item	Description	Institutes	Core cost	Due
New small wheels	A pair of new muon small wheels			
Detectors				
sTGC				
sTGC multiplets				
Cosmic tests				
Radiation tests				
MM				
MM multiplets				
Cosmic tests				
Radiation tests				
Sector assembly				
sTGC wedges				
MM wedges				
NSW sector				
Electronics				
FE asics				
VMMn				
TDS				
FE boards				
sTGC FE strip	VMM + TDS			
sTGC FE pad	VMM + TDS			
MM VMM board	VMM			
MM trigger board	GBT to MM trigger			
MM RO board	GBT to readout			
DC-DC converter				
NSW rim				
sTGC pad logic				
sTGC router				
TTC, configuration				
Trigger				
sTGC segments				
MM segments				
Interface to SL				
Readout				
ROD				
DCS				
DCS				
Services				
sTGC gas				
MM gas				
sTGC HV				
sTGC LV				
MM HV				
MM LV				
Cooling				
Alignment				
Alignment bar				
On detector equipment				
NSW support structure				
NSW wheels				
Hub				
Shielding				
Integration and installation				

- Item, cost, institutes' interest:for TDR
(to be derived from
- Actual MM WBS for real work
- timetable and milestone
- MM organization
for prototyping and production period
- Procedure to decide on
the MM chamber structure in July