

Detailed Budget & Justification

ITEMS for Attention	Sourcing	Amount (₦)
Equipment		
Bale out Furnace	EMDI	400,000
Muffle Furnace	EMDI	400,000
XRD Machine	EMDI	400,000
Characterization		
SEM Machine	To be sourced outside EMDI	400,000
DFT modelling tools	To be sourced outside EMDI	400,000
MD modelling tools	To be sourced outside EMDI	400,000
Monte Carlo & Kinetic Monte Carlo tools	To be sourced outside EMDI	400,000
CALPHAD and Gibbs free energy tools	To be sourced outside EMDI	400,000
DSC Machine	To be sourced outside EMDI	400,000
Materials		
Al-7075	To be sourced outside EMDI	700,000
Egg Shell Ash	Indigenously Sourced	(Not quantified)
Silicon Carbide	To be sourced outside EMDI	700,000
Travel and Collaboration		300,000
Contingency 20%		1,260,000
Total Budget		5,300,000