Cost Sheet

S.No	Item Description	Dia	Length	Width	Thickness	Qty/bty	Units of Purchase	Density	Area	Volume	Weight/ SFT
1	LID										
1.1	LID BLANK					1					
1.2	DELIVER PIN					4					
1.3	GLASS TO METAL SEAL										
2	LID ASSEMBLY-A										
2.1	Lid					1	NO's				
2.2	Tie wire		100.0	6	0.3	3	gms	9	8.16	0.24	0.00648
2.3	Glass Textolyte Disc (Pin Isolater)					1	NO's				
2.4	Pin Connectors					2	NO's				
2.5	Lead for Anode		100.0	6	0.15	3	gms	9	8.16	0.1224	0.003305
2.6	Lead for Cathode		100.0	6	0.15	2	gms	9	8.16	0.1224	0.002203
3	SQUIB ASSEMBLY										

3.1	Squib Terminals		50	6	0.15	2	gms	9	4.16	0.0624	0.001123
3.2	Squib					1	NO's				
3.4	FX-70 disc	28			1.6	3	SFT		900		0.00963
3.5	Glass Textolyte Disc-A(Top)					1	NO's				
3.6	Glass Textolite Disc-A (Bottom)					1	NO's				
3.7	Silicon Bonded Mica Disc	28			1	13	NO's	2.15	9.0	0.9	0.025155
4	TOP ASSEMBLY										
4.1	Mica Disc					1	NO's				
4.2	HEAT PELLET-2	28			0.63	6	gms	4.00	6.15	0.39	9.24
4.3	Fiberfrox Disc	28			1.6	7	SFT		900		0.00963
4.4	S.S Disc (0.8mm)					1	NO's				
5	CELL ASSEMBLY										
5.1	Current collectors S.S Disc (0.05mm) - Anode	26			0.05	17.0	gms	8	6.15	0.0308	0.004189
5.2	Current collectors S.S Disc (0.05mm) - Cathode	28			0.05	17.0	gms	8	6.15	0.0308	0.004189

5.3	Anode pellets	26			0.46	17.0	gms		5.31	0.2443	4.42
5.4	Cathode pellets	28			0.46	17.0	gms		6.15	0.28	13.43
5.5	Electrolyte pellets	28			0.48	17.0	gms		6.15	0.3	9.35
5.6	Heatpellet - 1	28			0.67	17.0	gms		6.15	0.41	27.2
5.7	Current collectors for Anode	28			0.15	2	gms	9	17.0	0.26	0.00468
5.8	Current Collectors for Cathode	28			0.15	2	gms	9	17.0	0.26	0.00468
6	BOTTOM ASSEMBLY										
6.1	Mica Disc					2	NO's				
6.2	HEAT PELLET - 3	28			0.59	5	gms	0.58	6.15	0.36	7.05
6.3	Fiberfrox Disc	28			1.6	6	SFT		900		0.00963
6.4	S.S Disc(0.8mm)					1	NO's				
6.5	Brace Plate					1	NO's				
7	TIE WIRE CRIMPING										
7.1	Stack pyro Wicks-02		100.0	6	0.15	3	gms		8.16	0.12	0.00054

7.2	Flexible Samica Strips for Tie wires		100.0	6	0.15	6	gms	1.5	8.16	0.12	0.00108
7.3	Mica Strips for Tie wire					3	NO's				
7.4	Mica Strips for Leads					4	NO's				
8	STACK WRAP										
8.1	Fiberfrox strips Stack Wrap		100.0	96.71	1.6	2	SFT		19342.0		0.206959
8.2	Glass Cloth Tape					1					
8.3	Glass Cloth Gum Tape					1					
8.4	Flexible Samica Wrap		100.0	96.71	0.1	2	gms	1.5	96.71	0.97	0.00291
9	CONTAINER ASSEMBLY										
9.1	Container					1	NO's				
9.2	Fiberfrox strip Container Insulation		100.0	96.71	1.6	2.0	SFT		19342.0		0.206959
9.3	Silicon Bonded mica disc for Housing	38.0			1.0	9	gms	2.15	16.0	1.6	0.03096
9.4	Fiberfrox Disc	28			1.6	8	SFT		900		0.00963
9.5	Battery Cap					1	NO's				

9.6	Argon gas cylinders					0.2	cum					
9.7	Helium gas cylinders					0.1	cum					
		Ratio(%)										
1	Anode pellet											
a	Lisi	85										0.004133
b	EB(80:20)	15										0.663
c	Licl	45										0.000263
d	KCl	55										0.000321
e	Mgo	20										0.000146
2	Cathode pellet											
a	Fes2	73.5										0.010858
b	Li2S	1.5										0.000222
c	EB(80:20)	25										3.3575
d	Licl	45										0.00133

e	KCl	55										0.001625
f	Mgo	20										0.000739
3	Electrolyte											
a	EB(60:40)											
b	Licl	45										0.002777
c	KCl	55										0.003394
d	Mgo	40										0.004114
4	Heat pellet											
a	Fe	87										0.0416
b	Kclo4	13										0.006219