

Agenda Item No. 1: The application of the **M/s Delphi Automotive Systems Pvt. Ltd.**, Greater Noida (UP) for duty exemption for import of one each of Flame Braze Machine LG, Tooling to produce LG Condenser, Lancing Die LG, and project #3133 equipment with software and project 3200 QC equipment (two).

M/s Delphi Automotive Systems Pvt. Ltd., Greater Noida is a subsidiary company of Delphi Corporation, Michigan, USA. The company specializes as a diversified supplier of automotive components systems and modules. They have manufacturing base in over 35 countries with 198 manufacturing facilities. In India Delphi Automotive Systems manufactures Mobile Air Conditioner components like heat exchangers (condensers and evaporators), HVAC and MAC systems for car manufacturers like Maruti – Suzuki, GM, TATA Motors etc. The heat exchangers manufactured by them currently uses HFC – 134a but can use with little modification new low GWP refrigerants like R-1234YF and R-410A gases which are much better.

The Company had recently imported 1) one used Aluminium Brazing furnace with thermal degreaser 2) Matrix core builder 3) radiator /condenser closed loop calorimeter 4) Folded tube mill 5) X2 case lower and upper LH Moulds for which they received duty exemption assistance. These helped them to get started.

To augment the use of these main machinery, they are now importing three auxiliary machines and some testing softwares which will enable them to fit properly their main product to different cars.

The details of the equipment being imported now is given in the Table below :

Table

S. No.	Description of Equipment	Qty	P. O No. , Date	Price in US\$ (FOB)	Price in INR
1	Flame Braze Machine LG	1	T1110811 Dated 09.08.2011	79,200/-	37,22,400/-
2	Tooling to produce LG Condenser	1	T111819 Dated 11.08.2011	1,30,000/-	61,10,000/-
3	Lancing Die LG • Lancing Die for LG condenser for Inlet & Outlet Manifold • Piercing Die LG • Baffle Slitting LG	1 1 1	T1110817 Dated 10.08.2011	62,270/-	29,26,690/-
4	Project #3133 Equipment: • Refrigerant CMF25 Micro promotion with software integration • COP calculation – VSD change out with Torque integration • EXV box with stands alone controls Project #3200 QC Equipment and Services for Project #3200 Addl. RTD's	1 2	T1110722 Dated 06.07.2011	25,171/-	11,83,037/-
Total					1,39,42,127/-
Duty payable @ 7.5%					10 lakhs/-

These will help the core building stage and refine the post brazing and testing stage of the total heat exchanger manufacturing process. It will also help them to indigenise their product by gradually replacing with properly tested local parts.

The total cost of these imports is approximately 1.4 crores and it will be met from their own resources. Duty on it @ 7.5% would be about Rs 10 lakhs.

It may be mentioned that duty exemption for similar machines have been approved earlier for this company as well as other MAC manufacturers earlier. This is the third application from this company.

The company has submitted all the supporting documents.

The committee may consider the application.

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Annexure 1 of Agenda Item No. 1:

In addition to 4 items of equipment M/s Delphi Automotive Systems Pvt. Ltd., have decided to import two additional pieces of equipment details of which are given in the table below. They have requested duty exemption assistance for it.

Table

S. No.	Description of Equipment	Qty	P. O No. , Date	Price in US\$ (FOB)	Price in INR
1	Muffle Body	1	T111140 Dated 28.11.2011	41,065/- US\$	22,17,510/-
2	V W RAD Stacker	1	418704 Dated 05.12.2011	70,820/- FOB	38,24,280/-
Total					60,41,790/-
Duty payable @ 7.5%					4.5 lacs

Total cost of these two items is 60.2 lacs and duty on it @ 7.5% would be approx. 4.5 lacs.

The Committee may consider the request.



Agenda Item No. 2:

The application of **M/s Unity Appliances Ltd.**, for duty exemption for import of machinery for a plant being set up at Manmadurai (Tamil Nadu) to manufacture room air conditioners to meet increasing market demands.

M/s Unity Appliances Limited is a group company of the well known Indian multinational M/s Videocon Industries. In order to meet market demand the company is increasing their production capacity at their Manmadurai facilities and for this they are purchasing 59 pieces equipment, mostly second hand but some new, from **Middle East Appliances - OMAN and from China**. Details of the equipment being purchased is shown in the table below :

Table

S. No	Equipment Name (All used items)	Qty	P.O. Order NO & Date	Total amount in USD	Total amount in INR
1	Conveyor for Degreasing line	1 Nos	VI10/1C0U000937	28,975/-	14,48,738/-
2	Degrasing line for coil	1 Nos	VI10/1C0U000937	30,875/-	15,43,728/-
3	Auto Brazing Chamber	1 Nos	VI10/1C0U000937	96,128/-	48,06,376/-
4	Air Compressor systems	1 Nos	VI10/1C0U000937	17,788/-	8,89,382/-
5	Fork lift	1 Nos	VI10/1C0U000937	8,487/-	4,24,333/-
6	Material movement stackers and cart with accessories Stacker Base Pan Trolley Trolley	1 lot 2 Nos 8 Nos 8 Nos	VI10/1C0U000937	211/-	10,544/-
7	Hand Fork	17 Nos	VI10/1C0U000937	13,800/-	6,90,023/-
8	Material Storage Racks	1 Set	VI10/1C0U000937	1,046/-	52,300/-

S. No	Equipment Name (All used items)	Qty	P.O. Order NO & Date	Total amount in USD	Total amount in INR
9	Storage Racks	1 Set	VI10/1C0U000937	378/-	18,900/-
10	Water Cooler – Blue Star	1 Nos	VI10/1C0U000937	84/-	4,200/-
11	LCD Projector	1 Nos	VI10/1C0U000937	440/-	21,983/-
12	Weighing Scale	1 Nos	VI10/1C0U000937	328/-	16,389/-
13	Storage racks	1 set	VI10/1C0U000937	14,755/-	7,37,741/-
14	AC system for Testing Room Assembly	1 set	VI10/1C0U000937	2,815/-	1,40,755/-
15	Assembly Conveyor with charging machine, N2 generator & booster pump	1 set	VI10/1C0U000937	2,84,239/-	1,42,11,965/-
16	Assembly Pallets	60 Nos	VI10/1C0U000937	16,592/-	8,29,584/-
17	Bar code system	1 Nos	VI10/1C0U000937	55,938/-	27,96,884/-
18	Indoor Unit for ODU Testing line	40 Nos	VI10/1C0U000937	1,216/-	60,801/-
19	Insulated Cabin for performance test with accessories		VI10/1C0U000937		
	Insulated Side Panel	1 Lot		5,570/-	2,78,490/-
	Insulated Glass Window	1 Lot		1,497/-	74,850/-
	Insulated Doors	1 Lot		210/-	10,512/-
	Insulated Top Panel	1 Lot		980/-	49,022/-
	Control Panel	1 Lot		250/-	12,510/-
	Receiver	1 Lot		272/-	13,600/-
	Table	1 lot		50/-	2,510/-

S. No	Equipment Name (All used items)	Qty	P.O. Order NO & Date	Total amount in USD	Total amount in INR
20	Lifter for pallet	2 Nos	VI10/1C0U000937	58,782/-	29,39,099/-
21	Packing machine	3 Nos	VI10/1C0U000937	28,443/-	14,22,145/-
22	Performance Room Conveyor & system	1 set	VI10/1C0U000937	1,61,176/-	80,58,819/-
23	Pro Assembly	1 set	VI10/1C0U000937	7,081/-	3,54,069/-
24	Test panels & cables	1 set	VI10/1C0U000937	31,446/-	15,72,323/-
25	Vaccum Pump	24 Nos	VI10/1C0U000937	39,407/-	19,70,334/-
26	Computer for Testing Conveyor of A/C assembly line	5 Nos	VI10/1C0U000937	4,368/-	2,18,406/-
27	Leak Detector	2 Nos	VI10/1C0U000937	7,433/-	3,71,655/-
28	CNC Condenser Bending machine	1 Nos	VI10/1C0U000937	6,064/-	3,03,,220/-
29	Conveyor & Equipment	1 set	VI10/1C0U000937	29,863/-	14,93,139/-
30	Digital Vernier	2 Nos	VI10/1C0U000937	544/-	27,188/-
31	Push Pull Guage; Imada Japan	1 Nos	VI10/1C0U000937	272/-	13,594/-
32	Wave Meter 20 AMP single phase	6 Nos	VI10/1C0U000937	422/-	21,122/-
33	Pin Gauge set	1 Nos	VI10/1C0U000937	222/-	11,076/-
34	Dail type torque wrench	1 Nos	VI10/1C0U000937	238/-	11,882/-
35	Digital Anemometer	1 Nos	VI10/1C0U000937	85/-	4,229/-
36	Magnetic 'V' Block	2 Nos	VI10/1C0U000937	363/-	18,125/-
37	True- RMS Multi meter - fluke	1 Nos	VI10/1C0U000937	453/-	22,648/-

S. No	Equipment Name (All used items)	Qty	P.O. Order NO & Date	Total amount in USD	Total amount in INR
38	Hardness Tester	1 Nos	VI10/1C0U000937	70/-	3,499/-
39	Surface Table Grade I-	1 Nos	VI10/1C0U000937	373/-	18,628/-
40	Surface Table stand	1 Nos	VI10/1C0U000937	122/-	6,092/-
41	Vernier Height Gauge (Digital	1 Nos	VI10/1C0U000937	564/-	28,195/-
42	Electronics weighing machine	1 Nos	VI10/1C0U000937	60/-	3,021/-
43	Leack Detecting system with helium	1 Nos	VI10/1C0U000937	2,54,615/-	1,27,30,772/-
44	Connecting Forming M/C	1 Nos	VI10/1C0U000937	7,573/-	3,78,644/-
45	Automatic Coiled Tube cutting machine	1 Nos	VI10/1C0U000937	77,560/-	38,78,016/-
B	AUTOMATIC POWDER PAINTING SYSTEM (All used items)				
1	Automatic Powder Painting system	1 set	VI10/1C0U000940	6,11,334/-	3,05,66,682/-
	Pre - treatment			-	
	Automatic powder booth				
	Oven				
	Conveyor				
2	Cabinet Bending machine	1 Nos	VI10/1C0U000940	29,206/-	14,60,291/-
3	Spot Welding M/C	1 Nos	VI10/1C0U000940	2,490/-	1,24,489/-
4	Welding Machine	5 Nos	VI10/1C0U000940	240/-	12,015/-
5	Drilling machine	1 Nos	VI10/1C0U000940	514/-	25,702/-
6	Grinding machine	1 Nos	VI10/1C0U000940	25/-	1,257/-
7	AC pulse spot welder	1 Nos	VI10/1C0U000940	2,109/-	1,05,449/-

S. No	Equipment Name (All used items)	Qty	P.O. Order NO & Date	Total amount in USD	Total amount in INR
C	TOOLS & DIE (All used items)				
1	Tool & Die, Cabinet Cutting, WAC	1 Nos	VI10/1C0U000941	222/-	11,075/-
2	EPS Moulds	1 Nos	VI10/1C0U000941	3,534/-	1,76,691/-
3	EPS mould for T3 WAC Evaporator air guider	1 Nos	VI10/1C0U000941	6,842/-	3,42,078/-
D	FIN LINE (All used items)				
1	Fin Press machine GC 60 TON: Fin Decoiler, oil & Initial feeding unit, Fin press main body, Suction & unloading unit & Moving stacker	1 set	PM/0005/11-12	3,79,714/-	1,89,85,684/-
2	Vertical Expander : 7 mm	1 set	PM/0005/11-12	75,968/-	37,98,378/-
3	Automatic Hair Pin Bending machine : 1250 X 6 Tubes	1	PM/0005/11-12	89,001/-	44,50,061/-
4	Fin Die	1	PM/0005/11-12	4,21,055/-	2,10,52,742/-
			Total	2,92,2773/-	14,61,38,653/-
				Duty payable @ 7.5 %	1,09,60,399/-

Besides these, they will procure a large number of equipment from local sources. Total cost of imported equipment is Rs. 14.62 crores and duty on it @ 7.5 % would be approximately Rs. 1 crores.

The ACs are designed to operate on R-410A the refrigerant.

It may be mentioned that equipment has been actually purchased by M/s Videocon Industries from middle east sources and transferred under high sea sales agreement to M/s Unity Appliance Ltd., their group company, who will pay the customs duty. The high sea sales agreement is on no profit or loss basis and legal.

Some of the items in the list shown below do not seem to quality for duty exemption. The committee may decide about these item.

S. No	Equipment Name (All used items)	Qty
9	Storage Racks	1 Set
10	Water Cooler – Blue Star	1 Nos
13	Storage racks	1 set

The cost of the project will be funded from their internal resources.

The company has submitted all the supporting documents.

The Committee may be consider the application.



Agenda Item No. 3:

The application of **M/s LG Electronics India Pvt. Ltd.**, for duty exemption for import of some machineries needed for manufacture of refrigerators suitable for non-ODS technology in their expansion programme at Ranjangaon, Pune.

M/s LG Electronics India Pvt. Ltd., a 100 % subsidiary of LG Electronics Ltd., Korea, is a large manufacturer of Direct Cool and Frost Free refrigerators in India. They started their first plant at Greater Noida (U.P) in the year 2001 with a capacity of 540000 units per annum. In 2004, they started another plant at Ranjangaon, Pune with a capacity of 500,000 units refrigerators. Products from both plants use non-ODS technology ie, HFC-134a the refrigerant and HCFC-141b as the foam blowing agent. Aware of the defects of early non-ODS refrigerant HFC 134a and the early foam blowing agent HCFC-141b, the company has taken a policy decision to change over to Isobutane as the refrigerant and cyclopentane as the foam blowing agent. They have converted their earlier plants to the use of Isobutane and Cyclopentane.

M/s LG Electronics is now expanding their refrigerator production at Ranjangaon plant, Pune.

They have adequate capacity for compressors in this plant and have only to increase the production of refrigerator body by importing some machinery for which they have requested duty exemption assistance. The details of the machinery being imported is shown in the table below. Further details are given in the Annexure's to the Agenda item.

S. No.	Description of equipment	Qty	P.O No, & Date	Total amount in (FOB value)	Total CIF cost (Rs. In lacs)
1	Vaccum Pump Assembly (To create vaccum in Refrigerant circuit by removing moisture, air etc.)	10 Set	LGEIL/Pun/I/PE/ PO/008A/11 27 th August, 2011	85,553/- USD	39,01,217/-
2	Refrigerator Assembly Line (moving equipments and conveyor for Assy of Refrigerator) Annex – 1	1 set	LGEIL/Pun/I/PE/ PO/036A/11 30 th July, 2011	12,20,300/- USD	5,56,45,680/-
3	Pipe line for Case and Door Foaming (Pipe line used for foaming process for Chemical i.e also and Polyol)	1 set	LGEIL/Pun/I/PE/ PO/038A/11 2 nd August, 2011	70,298/- USD	32,05,589/-
4	Structure for Mezzanine Assembly (Stand, Anchors, Plates, Fencing used in the Assembly Line for Ref)	1 set	LGEIL/Pun/I/PE/ PO/049A/11 24 th August, 2011	1,61,500/- USD	73,64,400/-

S. No.	Description of equipment	Qty	P.O No, & Date	Total amount in (FOB value)	Total CIF cost (Rs. In lacs)
5	Parts for Refrigerator Assembly line (Driver roller, Slat conveyor, Busbar etc for the Assy. Of Ref.) Annex – 2	6 set	LGEIL/Pun/I/PE/ PO/053A/11 26 th August, 2011	47,000/- USD	21,43,200/-
6	Parts of Cold Roll Forming machine, consisting Sheet Feeder Trolley and Hook system (used in cabiner line for bending of PCM sheet) Annex – 3	2 set	LGEIL/Pun/I/PE/ PO/052A/11 25 th August, 2011	24,000/- USD	10,94,400/-
7	Parts for Door Foaming machine (for foaming of the front door of Ref.) Annex – 4	1	LGEIL/Pun/I/PE/ PO/035A/11 29 th July, 2011	7,67,000/- USD	3,49,75,200/-
8	Refrigerator Charging machine (for charging Refrigerant in the Compressor, R – 600a Isobutane) Annex – 5	1	LGEIL/Pun/I/PE/ PO/033A/11 28 th July, 2011	1,01,500/- USD	46,28,400/-
9	Evacualtion Line Conveyor (for Convyor used for feeding Vaccum Pump in Ref Assy. Line) Annex – 6	2	LGEIL/Pun/I/PE/ PO/047A/11 23 rd August, 2011	50,751/- USD	23,14,246/-
10	Parts of Case Foaming Machines (for foaming in cabinet of Ref. (back side of Ref.) Annex – 7	1	LGEIL/Pun/I/PE/ PO/037A/11 30 th July, 2011	1613000/- USD	73552800/-
11	Cold Rolled Forming machine (Complete line used for bending of PCM sheet) Annex – 8	1	LGEIL/Pun/I/PE/ PO/038A/11 30 th July, 2011	8,66,900/- USD	3,95,30,640/-
12	Foaming machine (machine for pouring the chemical in the Ref, in cabinet and door, Iso and Polyol) Annex – 9	1	LGEIL/Pun/I/PE/ PO/039A/11 1 st August, 2011	8,25,751/- EURO	5,39,21,540/-
Total amount					28,22,77,312/-
Duty payable @ 7.5%					2,11,70,798/-

The machinery being requested are general manufacturing type. Similar machinery have been approved earlier for this company as well as for others. However item no. 4 (Structure for Mezzanine Assembly) is not a capital goods producing any part of the refrigerator. It will only create more space. The Committee may decide about its eligibility.

The total cost of the project is Rs. 28.25 Crores and duty on it @ 7.5% would be 2.12 crores.

The project would be financed from their internal sources.

M/s LG Electronic has received similar duty exemption for expansions or new units five times earlier. This is their sixth application.

The company will be using the non-ODS refrigerant Isobutane (R-600a) and the non-ODS foam blowing agent cyclopentane both for door and insulation foam. For storing these hydrocarbons with fire hazard they have made adequate safety arrangements certified by the Directorate of Explosives, Govt. of India, Nagpur. They have also take Pollution Control certificates from authorities.

The Committee may consider the application.



Annexure - I

M/s LG Electronic India Pvt. Ltd.,

P.O. No. LGEIL/Pun I/PE/PO/036A/11 dated 30th July, 2011

Sl. No	Item Description	Specifications	Qty (Set)
1	Refrigerator Assembly Line Details		1
A	Before Foaming - Line Before Vacuum	(A~b - ZONE)	
	1. Tilting Kolo C/V	1000W*3000L	
	2. Drive R/C	1000W*500H*1150L	
	3. Drive R/C (P/U)	1000W*500H*1350L	
	4. Drive R/C	1000W*500H*1030L	
	5. Drive R/C(4 sides C/U)	1000W*500H*1350L	
	6. Drive R/C (C/D)	1000W*500H*1200L	
	7. Drive R/C	1000W*500H*1125L	
	8. Auto L/T	3390W*7000H*1340L	
	9. Curve R/C (90°)	1200W*500H*1285L	
	10. Drive R/C	1000W*500H*1125L	
	11. Drive R/C	1000W*500H*1200L	
	12. Curve R/C (90°)	1200W*500H*1285L	
	13. Drive R/c	1200W*500H*1125L	
	14. Drive R/C	1000W*500H*1125L	
	15. Traverser Car	1000W*500H*1200L	
	16. Drive R/C	1000W*500H*1350L	
	17. Drive R/C (P/U)	1000W*500H*1125L	
	18. Drive R/C	1000W*500H*1125L	
	19. Drive R/C (C/D)	1000W*500H*1200L	
B	Before Vacuum, Vacuum, Line After Vacuum (C-Zone)		
	1. Slat C/V	1000W*500H*36M	
	2. Slat C/V	1000W*500H*37M	
	3. Free Flow C/V (D)	1000W*500H*37ML	
	4. Chain R/C (S/T)	1000W*500H*6600L	
	5. Drive R/C (pitch maker)	1000W*500H*900L	
	6. Slat Conveyor	1000W*500H*44.21ML	
	7. Vacuum Run F.F C/V, Slat C. V Motor		
C	Before L.Q.C - Line Before Packing (D-zone)		
	1. Drive R/C	1000W*500H*1200L	
	2. Drive R/C (P/U)	1000W*500H*1200L	
	3. Accum R/C (S.T)	1000W*500H*4050L	
	4. Slat C/V (L.Q.C)	1000W*500H*67ML	
	5. Curve R/C (180°)	1200W*500H*2442R	
	6. Trolley C/V (L.Q.C)	NZ75*150ML	

<p>D</p> <p>Packing & Output Line (E-Zone)</p> <p>1. Drive R/C</p> <p>2. Drive R/C (P/U)</p> <p>3. Drive R/C</p> <p>4. Chain R/C (S/T)</p> <p>5. Drive R/C (P/U)</p> <p>6. Drive R/C</p> <p>7. Vertical P.P Band M/C</p> <p>8. Drive R/C</p> <p>9. Drive R/C</p> <p>10. Accum R/C (S.T)</p> <p>11. Accum R/C (S.T)</p> <p>12. Traverser Unit</p> <p>13. Horizontal P.P. Band M/C</p> <p>14. Puser Unit</p> <p>15. Span for Installation + Pusher M/C</p> <p>16. Traverser (Span) for loading product</p> <p>17. Pallet Input Unit</p> <p>18. Drive R/C</p> <p>19. Drive R/C</p> <p>20. Free R/C</p> <p>21. Drive R/C</p> <p>22. Pallet Magazine (Dispensor)</p> <p>E</p> <p>Others</p> <p>1. Reinforcing the existing line (Roller, Gear, etc.)</p> <p>2. Safety fence & guide</p> <p>3. Gas piping</p> <p>F</p> <p>Electric Part</p> <p>1. Pre – Assemble Line</p> <p>2. U/Down lift</p> <p>3. Input Buffer Line</p> <p>4. Vaccum Line</p> <p>5. LQC line</p> <p>6. Packing line</p> <p>7. Output Buffer Line</p> <p>7-1. Palletizer</p> <p>7-2. Output Buffer & Palletizer (Old Panel)</p> <p>8. Andon & Production Board (option 1)</p>	<p>7. Drive R/C</p> <p>8. 90° Turn R/C</p> <p>9. Curve R/C (90°)</p> <p>1000W*500H*1290L</p> <p>1000W*500H*1200L</p> <p>1200W*500H*1285R</p> <p>1000W*500H*1200L</p> <p>1000W*500H*1200L</p> <p>1000W*500H*1200L</p> <p>1000W*500H*6000L</p> <p>1000W*500H*1000L</p> <p>1000W*500H*1000L</p> <p>1000W*500H*1615L</p> <p>1000W*500H*1000L</p> <p>1000W*500H*3200L</p> <p>1000W*500H*3526L</p> <p>6800S.T</p> <p>1100S.T</p> <p>1600W*1600L</p> <p>1600W*2600L</p> <p>1600W*1600L</p> <p>2010W*1750L</p>		
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Annexure - 2

M/s LG Electronic India Pvt. Ltd.,

P.O. No. LGEIL/Pun I/PE/PO/053A/11 dated 26th August, 2011

Sl. No	Item Description	Specifications	Qty (Set)
	Parts for Refrigerator Assembly line:		
1	Drive Roller Conveyor	1000W*500H*1000L (Pitch Maker)	1
2	Trolley Conveyor	6M	1
3	Slat Conveyor	6M	1
4	Busbar	6M	1
5	Trolley Conveyor Support		1
6	Packing Line Buffer Free Roller Convey (10M(L))		1

Annexure - 3

M/s LG Electronic India Pvt. Ltd.,

P.O. No. LGEIL/Pun I/PE/PO/052A/11 dated 25th August, 2011

Sl. No	Item Description	Specifications	Qty (Set)
1	Parts for CRF Machine CRF Sheet Feeder Trolley roller type	New	1
2	Sheet Hook System	New	1

Annexure - 4

M/s LG Electronic India Pvt. Ltd.,

P.O. No. LGEIL/Pun I/PE/PO/035A/11 dated 29th July, 2011

Sl. No	Item Description	Specifications	Qty
1	Parts for Door Foaming machine :		
	Patemoster Driving Unit		1
	QDC Unit	Open & Close, Roller Conv' (Use)	1
	Carriage		8
	Opening & Closing Unit	Hyd' Cylinder, Hyl'd Pump	1
	Mould Carrier & Carriage	2200 X 940	8
	Pouring Head Carriage	Y,Z (2 Head)	1
	Door Unloading transfer	Speed: 0/9m/sec	1
	Outdoor loading transfer	Speed: 0/9m/sec	1
	Electric Parts	PLC System, GOT	1
	Platform (2'nd FL) with Heating & Dust System	H - Beam, Check Plate	1
	Existing Facilities Remodeling		1

Annexure - 5

M/s LG Electronic India Pvt. Ltd.,

P.O. No. LGEIL/Pun I/PE/PO/033A/11 dated 28th July, 2011

Sl. No	Item Description	Specifications	Qty (set)
1	Refrigerant Charging machine	MKCM – 2R – 2G Modification Safety system MKS – SF – 4CH Booster Pump MKBP – R 600a Piping of R 134a storage room – pipe, valve, hose etc. Data management system – connection to MES system	1

Annexure - 6

M/s LG Electronic India Pvt. Ltd.,

P.O. No. LGEIL/Pun I/PE/PO/047A/11 dated 23rd August, 2011

Sl. No	Item Description	Specifications	Qty (set)
	Evacuation Line Conveyor		
1	Evacuation Line Conveyor (Supply Line)	L 12000 X W505 X H 500	1
2	Evacuation Line Conveyor (Return Line)	L 37000 X W505 X H 500	1

Annexure - 7

M/s LG Electronic India Pvt. Ltd.,

P.O. No. LGEIL/Pun I/PE/PO/037A/11 dated 30th July, 2011

Sl. No	Item Description	Specifications	Qty (set)
	Parts for case Foaming Machine		
1	Main Feeding System		1
2	TV Zone Diverter		8
3	TV Zone Buffer		4
4	Curing Zone Conveyor		1
5	Loading Machine		1
6	Unloading Machine		1
7	Centering Unit		1
8	Fork Transfer Unit		2
9	Injection Machine		1
10	Open / Close Machine		4
11	N2 Injection Machine		1
12	Pre Ass'y Buffer Line		1
13	Electric Control Panel		1
14	Mezzanine New Making & Retrofitting		1
15	Pre Ass'y Heating over & Duct Mezzanine		1
16	Curing Oven & Structure & Duct		1
17	QDC Oven & Duct		1
18	Curing Zone F/Flow Conveyor Chain & Block		1
19	Curing Zone F/Flow Conveyor Motor		2
20	Exit N2 Injection Machine (Servo Motor Type)		1

Annexure - 8

M/s LG Electronic India Pvt. Ltd.,

P.O. No. LGEIL/Pun I/PE/PO/038A/11 dated 30th July, 2011

Sl. No	Item Description	Specifications	Qty (set)
	Cold Rolled Forming (CRF) Machine		1
1	Sheet Feeder Up gradation		
2	Notching Machine (10 Die Set)		
3	Idle Conveyor (After Notching)		
4	180 deg Turnover Conveyor		
5	Roll Former (Shift KR2 Line)		
6	Idle Conveyor (After Roll Forming)		
7	L & Z Bending Machine		
8	Taping Conveyor New Making		
9	U Bender		
10	Unloader		
11	Lifter and Buffer Conveyor		
12	Old Buffer Conveyor Up gradation		
13	Machine Safety Guards		
14	Electrical Controls Parts		

Annexure - 9

M/s LG Electronic India Pvt. Ltd.,

P.O. No. LGEIL/Pun I/PE/PO/039A/11 dated 1st August, 2011

Sl. No	Item Description	Specifications	Qty (set)
A	Foaming Machine		
1	Buffer Tank Accessories for POL/C5, transfer unit and control Cabinet for Premix and Storage Area.	For Buffer Tank Accessories only	1
2	Storage Tank Accessories for ISO & Transfer Unit.	For Storage Tank Accessories only	1
3	Water Chiller units for Premix & Storage Area.		2
4	Cabinet Line Cannon A-System, Penta Twin Double.		1
5	Extra Low Pressure Temp Conditioning system for Cabinet Line.		2
6	Door Line Cannon A-System 100, Pentra Twin Double.		1
7	Extra Low Pressure Temp Conditioning system for Door Line.		2
8	Water Chiller units for Foaming Machine.		2
9	Safety System.		1

Agenda Item No. 4

The application of **M/s SATA Vikas India Pvt. Ltd.**, for duty exemption for import of equipment required for manufacture of automotive air-conditioning compressors suitable for non – ODS refrigerants.

M/s SATA VIKAS India Pvt. Ltd., a leader in automotive machining and assembly of MACs in India was established in 2007, as joint venture between SATA s.p.a. of Italy and Sandan Vikas (India). In a very short time the company has established high reputation for precision machining of components of automotive air conditioning compressors like cylinder blocks, cylinder heads, front housing etc. The company has long term contract with M/s Sanden Vikas Ltd., one of the leading manufacturer of MACs in India. The company is now importing 12 pieces of machinery to augment their capacity to manufacture some components of new models of MAC compressors for Volkswagen and Maruti Suzuki. The details of the machinery being imported is shown in the table below:

TABLE

S. No.	Description of Equipment	Qty/ Unit	P. O No. & Date	Price in JPY, USD and SGD	Price in INR
1	Brother make vertical CNC Tapping centre with rotary.	6	P1-000018.6 Dated 24.08.2011	3,90,00,000/- JPY	2,57,79,000/-
2		2		1,14,00,000/- JPY	75,35,400/-
3	Haas Turnmill centre machine	1	P1-000026.3 Dated 14.09.2011	74,000/- USD	37,03,700/-
4	Visual quick code software rigid tapping robot ready interface	1	P1-000028 Dated 21.09.2011	6,000/- USD	3,00,300/-
5	Super speed vertical machining center	1	P1-000024.2 Dated 06.09.2011	1,05,000/- USD	52,55,250/-
6	Mazak 5280 CNC vertical machining center	1	P1-000020.3 Dated 24.08.2011	1,32,00,000/- JPY	87,25,200/-

S. No.	Description of Equipment	Qty/ Unit	P. O No. & Date	Price in JPY, USD and SGD	Price in INR
7	Robotic interface Automatic door open close	1	P1-000020.3 Dated 24.08.2011	7,70,000/- JPY	5,08,970/-
8	Taiwam Takisawa CNC Lathe machine	5	P1-000025.2 Dated 11.09.2011	2,75,000/-	1,37,63,750/-
9	Six Axis Robot M20iA	5	P1-000034.1 Dated 22.10.2011	153,75,000/-	1,01,62,875/-
10	Six Axis Robot M710iC	2	P1-000034.1 Dated 22.10.2011	73,00,000/-	48,25,300/-
11	Robotic interface automatic door open close	1	P1-000027 Dated 16.09.2011	9,250/-	3,68,150/-
12	Robotic interface	2		9,250/-	368,150/-
Total					8,12,96,045/-
Duty payable @ 7.5%					60,97,203.3/-

The total cost of these machines is Rs. 8.13 crores and duty on it @ 7.5% would be approximately Rs. 61 lacs.

The cost of this expansion would be met from their own resources. Such general purpose machinery has been approved earlier for many MAC manufacturing companies.

The company has submitted all the necessary supporting documents.

The committee may be consider the application.



Agenda Item No. 5

The Application of **M/s Sanden Vikas India Ltd.**, Faridabad, for duty exemption for import of STR assembly subline, STR assembly main line, finish line, tooling and spare part needed.

M/s Sanden Vikas India Limited is a large manufacturer of Mobile-Air Conditioners (MACs) using non-ODS refrigerant HFC-134a in India. They were one of the pioneers to change over to non-ODS technology with the assistance of funding from Montreal Protocol Multilateral Fund. Their current production capacity is 750000 MACs and they supply to all the car manufacturers. Recently they have introduced a new model of highly efficient energy saving variable compressors and received duty exemption assistance.

In their efforts for continuous improvement the company is now introducing TR-compressors which are far more efficient as compared to other type of compressors in the market. For this they are importing initially some assembly lines to assemble the compressors. The list of assembly lines is shown in the table below:

TABLE

S. No.	Description of Equipment	Qty/ Unit	P. O No. & Date	Price in Yen	INR
1.	STR Assembly sub line	1 Set	SVL/PE/2011-12 Dated 16/07/2011	6,36,82,000/-	4,20,93,802/-
2.	STR Assembly main line			5,15,80,000/-	3,40,94,380/-
3.	STR Assembly Pumping Test line			3,69,79,000/-	2,44,43,119/-
4.	STR Assembly Finish line			4,79,60,000/-	3,17,01,560/-
5.	QC Tooling & spare parts			1,62,70,000/-	1,07,54,470/-
				Total	14,30,87,331/-
					Approx Duty payable @ 7.5%
					1,07,31,549.8/

Details of the assembly line may be seen later on page – 3.

The total cost of the assembly lines is Rs 14,30,87,331/- (Rs. fourteen crores thirty one lacs). Duty on it @ 7.5% on it would be approx. Rs. 1.1 crores.

The cost of the project will be met from their own sources.

The company has submitted all the necessary supporting documents.

The committee may be consider the application.



Item #	Machine Name	Qty.	Amount (¥)
Sub Line			
SVL STR - 0010	Insertion machine # 1	1	66,52,000
SVL STR - 0020	Sub Line Conveyor	1	33,86,000
SVL STR - 0030	Sub Line Pallet	20	95,29,000
SVL STR - 0040	Bearing Inner Diameter Measurement machine	1	32,55,000
SVL STR - 0050	Eccentric Bushing Insertion & Rivet Staking machine	1	61,31,000
SVL STR - 0060	Location Pin Insertion machine	1	48,24,000
SVL STR - 0070	Valve Fixed Bolt Tightening Station	1	20,13,000
SVL STR - 0080	Crescent Snap Ring Installation station	1	18,17,000
SVL STR - 0090	Thrust Plate Select machine	1	83,40,000
SVL STR - 0100	Pressure Relief Valve Tightening Station	1	24,05,000
SVL STR - 0110	Bolt Preset Station	1	6,40,000
SVL STR - 0120	Bolt Tightening Station	1	12,94,000
SVL STR - 0130	Control Box - 1	1	33,99,000
SVL STR - 0140	Control Box - 2	1	33,99,000
SVL STR - 0150	Control Box - 3	1	33,99,000
SVL STR - 0160	Control Box - 4	1	33,99,000
			6,38,82,000/-
Main Line			
SVL STR - 0200	Main Line Conveyor	1	19,09,000
SVL STR - 0210	Main Line Pallet	20	23,62,000
SVL STR - 0220	Bolt Preset Station	1	8,50,000
SVL STR - 0230	Bolt Tightening Station	1	13,07,000
SVL STR - 0240	Lip Seal & Lip Seal Ring Installation Station	1	22,22,000
SVL STR - 0250	Shaft Torque Check Machine	1	34,64,000
SVL STR - 0260	Helium Charge Machine	1	62,75,000
SVL STR - 0270	Helium Leak Check loading Station	1	6,54,000
SVL STR - 0280	Helium Leak Check Machine	1	1,78,96,000
SVL STR - 0290	Helium Pressure check & release machine	1	52,29,000
SVL STR - 0300	Control Box - 5	1	47,06,000
SVL STR - 0310	Control Box - 6	1	47,06,000
			5,15,80,000

Pumping Test Line			
SVL STR - 0400	Pumping Test Line Conveyor	1	36,47,000
SVL STR - 0410	Pumping Test Line Pallet	12	33,83,000
SVL STR - 0420	Pumping Test Machine	1	1,13,60,000
SVL STR - 0430	Isoration Jig Removal Station	1	15,55,000
SVL STR - 0440	Oil Charge Machine	1	63,27,000
SVL STR - 0445	Manual Cleaning Station & Nitrogen Charge machine	1	22,88,000
SVL STR - 0450	Silicon Dispenser Machine	1	30,59,000
SVL STR - 0460	Control Box - 7	1	53,50,000
			3,69,79,000
Finish Line			
SVL STR - 0500	Finish Line Conveyor	1	39,09,000
SVL STR - 0510	Finish Line Pallet	25	22,08,000
SVL STR - 0520	Core Assembly Station	1	22,09,000
SVL STR - 0530	Rotor & Shaft Bearing Insertion Machine	1	40,40,000
SVL STR - 0540	Clutch Shim Selection Station	1	41,70,000
SVL STR - 0550	U - nut Tightening machine	1	35,17,000
SVL STR - 0560	Gap Measurement Machine #1	1	41,70,000
SVL STR - 0570	Vanishing machine	1	57,39,000
SVL STR - 0580	Clutch Torque Check machine	1	54,77,000
SVL STR - 0590	Gap Measurement machine # 2	1	41,70,000
SVL STR - 0600	Final appearance Check & Unloading Station	1	23,39,000
SVL STR - 0610	Control Box - 8	1	30,06,000
SVL STR - 0620	Control Box - 9	1	30,06,000
			4,79,60,000

Agenda Item No. 6 The application of **M/s Subros Ltd., New Delhi**, for duty exemption for import of 7 sets of additional manufacturing equipment for manufacturing new type of R.S. Evaporators for Mobile Air-Conditioners at Noida (U.P.)

M/s Subros Ltd., is the largest manufacturer of car air-conditioners in India with a capacity of 7,50,000 units manufactured in their plants at Noida (U.P.), IMT Manesar (Haryana) and at Pune (Maharashtra). They are original equipment supplier to Maruti Suzuki Ltd., TATA Motors Ltd., Mahindra and Mahindra Ltd. The company has been always innovating and introducing better components leading to better products in their manufacturing process. They have collaboration with M/s DENSO Corporation, Japan who are leaders in developing Mobile Air-Conditioners in Japan.

In their continuous quest for improvement, about a year back M/s Subros introduced a new type of evaporators, called R S evaporator in their MAC system. These evaporators made of precoated Aluminium parts are very light and ultra thin. They are highly efficient in energy saving and much cheaper. After full trials the company has decided to introduce R S evaporators for MACs supplied to all their customers. **They are therefore establishing a very large scale manufacturing facility for RS evaporators at their Noida plant** and for this they imported 24 sets of equipment for which they received duty exemption assistance recently in August 2011.

While setting up these extra equipment they needed seven more auxiliary pieces of equipment in the same plant. They

are now importing these 7 pieces of equipment details of which may be seen in the table below:

Table

S. No	Description of eqpt.	Qty	P.O No, & Date	Total amount in (FOB/CIF value)	Total CIF cost (Rs. In lacs)
1	Core Assembly machine for SFA II	3 sets	7200000401 Dated 06.09.2011	4,01,800/- USD	1,84,82,800/-
2	Sheet Metal Insertion/chip flaring machine	3 sets	7200000403 Dated 15.09.2011	3,64,42,500/- JPY	2,04,07,800/-
3	SFA II Fin Forming machine	1 set	7200000404 Dated 22.09.2011	3,91,82,750/- JPY	2,19,42,340/-
4	He Leak Test machine SFA II	1 set	7200000423 Dated 26.11.2011	1,60,00,000/- JPY	89,60,000/-
FOR CAPACITY EXPANSION					
5	R S Evaporator Fin Forming Machine SB190042 27072011 – 2	1 set	7200000418 Dated 20.10.2011	4,17,19,600/- JPY	2,33,62,976/-
6	R S Evaporator Core assembly machine DMCZ design SB170045 27072011 – 1	1 set	7200000419 Dated 20.10.2011	2,57,86,600/- JPY	1,44,40,496/-
7	R S Evaporator Plate Head assembly machine DMCZ design SB190043 21072011 – 3	1 set	7200000420 Dated 20.10.2011	2,42,04,600/- JPY	1,35,54,576/-
Total					12,11,50,988/-
Duty payable @ 7.5%					90,86,324.10

The total FOB value of these 7 pieces of equipment is approximately Rs. 12.11 crores. Duty on it @ 7.5% would be Rs. 90 lacs.

These additional pieces of equipment are essential for increasing their capacity for the manufacture of RAC evaporators in their Noida plant.

The project will be financed from their internal accruals. The equipment being imported are general purpose machinery and similar machines were considered for import for this company and other MAC manufacturing companies several time earlier

The company has received duty exemption assistance 20 time earlier. This is their 21st application.

The company has submitted all the necessary supporting documents.

The committee may consider the application.

