

Minutes of the Technology and Finance Standing Committee (TFSC) Meeting held on Thursday, 15th February, 2007 at 11:00 A.M. in the Conference Room No. – 2, (CDC), Core 4B, 2nd Floor, India Habitat Centre, Lodhi Road, New Delhi – 110 003

=====

List of participants is annexed (**Annexure I**)

Dr. A. Duraisamy, Director (O) welcomed the members. He has informed that the following three applications were considered by the TFSC in its meeting held on 10th January, 2007 and the committee recommended all the three applications.

- 1) The application of **M/s ICOMM Tele Ltd.**, Hyderabad, for import of one Cannon A-100 PU foaming machine and One PU Sandwich panel making press.
- 2) The application of **M/s Subros Ltd.**, for import of 18 sets of equipment/toolings required for augmenting the manufacture of new mobile air conditioning system/Ac kits of R-134a type for their plants in Noida, Manesar (Gurgaon) and the new plant at Pune.
- 3) The application of **M/s Zindal Soft Italia Seating Pvt. Ltd.**, Pune for import of one High Pressure PU Foaming machine for manufacture of two and three wheeler seats.

Action Taken: Approval of the Chairman, Empowered Steering Committee (ESC) for Implementation of Montreal Protocol has been taken on file and duty exemption certificates have been issued. Ex Post Facto approval of the ESC will be taken in its next meeting.

The Minutes of the TFSC meeting held on 10.01.2007 were circulated to the members. No comments have been received. The Minutes were adopted.

The committee took note of the above and considered the following Agenda items.

Agenda Item No. 1

The application for duty exemption of **M/s Shakti Televentures**, Mandideep (M.P.) for import of one foaming machine and one panel press for manufacture of PU Sandwich Panels for telecom shelters.

M/s Shakti Televentures, is a new company dealing in telecom equipments specially optical fibres, cables and systems under the name Shakti OPTO-Telelinks (SOTL) from 2001. Anticipating massive expansion in the telecom sector in M.P and consequent increase in demand for Telecom shelters, they have now decided to make the PU Sandwich Panels for these shelters.

For this project, they are importing (a) one PU high pressure foaming machine and (b) one sandwich panel making press from Italy. Details of these two equipment is shown in the table below.

Table

S. No	Name of Machinery	Name of manufacturer / fabricator & Purchase Order No.	No of Units	Total Price in EURO as per PO	Total Price in INR
1 (a)	High Pressure Poly urethane Foaming Machine, Model – A-100 consisting of chemical tanks, agitators, metering group, controls group, mixing head, hydraulic pumps and allied firings.	Cannon, Italy STV/PUR/ 2006-07/11	1 set	155000/-	9145000/-
(b)	Press for Sandwich Panels, Multidaylight, Model No. PMC 90 Italy T-4500 X 1500 mm.	Cannon, Italy	1 set		
Total cost in INR					91.45 Lacs
Total Duty payable Appox.					11.43 Lacs

The cost of the two equipment is 91.45 Lacs and duty on it would be appox. 11.43 Lacs.

The committee noted that the demand for telecom shelters is increasing very much with the explosive growth of telecom industry and there are no other supplier of these shelters near Bhopal. The committee recommended the application for approval.

Agenda Item No.2

The application of **M/s Jindal Mectec (P) Ltd.**, Nalagarh (Solan, H.P.) for import of one P.U. Foaming machine, one Sandwich panel press for discontinuous production and one complete plant for continuous production of P.U. sandwich panels with foaming machine.

M/s Jindal Mectec (P) Ltd., claims to be the single largest manufacturer of PUF Sandwich panels in India and produces modular Pre-Fabs and Pre-Engineered building systems catering to the needs of defense, cold-storages and many other sectors.

To cater to the increasing demand for PUF-Panels the company is setting up a modern automated computerised plant for discontinuous as well as continuous production of PUF panels at village Sondhi (Nalagarh) in Solan district, Himachal Pradesh where they have been promised a package of financial incentives and other facilities. Their current capacity of manufacture of PUF panels is 3.00 Lac sq. meters. After commissioning the new plant the capacity will more than double to 7.30 Lacs sq. meters per annum. They also plan to shift the existing plant at Gurgaon to the new site at Nalagarh which will increase their installed capacity to 10.00 Lac sq. meters per annum in course of time.

For the new plant at Nalagarh (H.P.), they plan to import

- (a) For batch (discontinuous) production
 - (i) One puromat 40/40 metering machine (foaming machine) with one mixing head and one spare mixing head.
 - (ii) One panel press type 65/15 with 2 day lights and 4 extractable platens.
- (b) For continuous production of PUF Sandwich panels one complete plant model technoplant Lam 210.12 consisting of
 - (i) Strip working equipment.
 - (ii) PU working equipment and
 - (iii) Cut panel handling equipment.

Details of these equipment with P.O. No, price etc are shown in the table on next page.

Table

S. No	Equipment Description and Purchase Order No.	Qty	Total amount (FOB/CIF value)	Total Landed cost (Rs. In crores)
1	a) One Press for Polyurethane panels type 65/15 (2+2) with Two Daylights with – 4 extractable Platens. b) Metering machine puromat 40/40 with one mixing head & one spare mixing head. P.O. No: 340706106 dtd. 16/10/06 Supplier: KRAUSS MAFFEI, Germany	1 1	€2,30,000/-	1.38/-
2	Complete plant for continuous production of Sandwich panels with foaming machine, Model Technoplant Lam 210.12 (a) Strip Working equipments. (b) Polyurethane working equipments. (c) Cut panel handling equipment. P.O. No: 3605505 dtd. 23/12/06 Supplier: PUMA S.r.l, Italy	1	€25,05,000/-	15.03/-
Total			€27,35,000/-	16.41
Total Cost in INR				16.41 Crores
Total Duty Payable appox.				0.8 Crores

The total cost of the imported equipment is Rs. 16.41 crores and duty on it would be appox. Rs. 0.8 crores (@ 5% for investments of above 5 crores).

For discontinuous process HCFC-141b will be used as the non-ODS foam blowing agent. **For the continuous panel production cyclopentane (sourced from Italy)** will be used as the foam blowing agent. The company has specifically mentioned that

adequate fire prevention measures have been taken both in the design of the plant and at site to deal with fire hazard associated with use of cyclopentane which has been chosen for better ageing and insulation properties of the finished product.

The committee discussed the application and appreciated the fact that the company is adopting an advanced technology for continuous production of P.U. sandwich panels which will be more efficient than earlier process. However the committee desired that details of the financial incentives and tax concessions mentioned by the company may be verified. Dr. Mukerjee has informed the committee that the details have since been obtained. Therefore, the committee recommended the proposal for approval.

Agenda Item No.3

The application of **M/s NTF India Pvt. Ltd.**, Manesar, Gurgaon for import of one High Pressure PU foaming machine model Cannon HE-400 and R-RIM Moulds for CSK model-L and model-M for production of **car spoilers, side skirts and add on bumpers.**

M/s NAV TEXFEB Manesar, Gurgaon, were first to set up wood-stock composite production plant using thermo-compression technology used for making components for car interiors and exteriors, locomotives, railways parts, wind mills, tractor body parts and airport furniture. They were the first to use reaction injection moulding (RIM) Technology with PU and Dicyclopentadiene. Currently they are expanding their production of car decorative articles like **rear spoilers, sun visors, break spoilers, side skirts and add-on bumpers** for Maruti and Honda cars. The production of which requires a high pressure foaming machine with an add on booster and Cannon HE-400 with an add on booster is suitable for it. They are also importing two moulds (CSK model-L and model-M). Details of these equipment being imported is given in the table on next page.

Table

S. No	Equipment Description	Purchase order No, Date, Manufacturer & Supplier	Qty	Total amount (FOB/CIF value) in Euro	Total cost in INR
1	High Pressure polyurethane foaming machine for R-RIM Model Cannon HE-400 booster output capacity 7.030 kgs. Per sec comprising of a) Hydraulic cylinder b) Booster accumulator with complete accessories.	NTF/PO/06- 07 /01C / Afros dtd. 27-10-06 Cannon Afros S.P.A. Italy	1	3,49,290/-	2,09,57,400/- (2.1 Crores)
2	R-RIM moulds for CSK Model-L a) Cavity R-RIM Mould for under Spoiler Front & rear, b) Side; left & right c) Rigid PU RIM mould for rear upper spoiler.	NTF/Pre-prototyping/PO/0 6-07/02 dtd. 25-11-06 Pre-Prototyping GmbH Germany	1	1,50,000/-	90,00,000/- (0.9 Crores)
3	R-RIM moulds for CSK Model-M a) Cavity RRIM Mould for under Spoiler Front & rear, b) Side ; left & right c) Rigid PU RIM mould for rear upper spoiler.	NTF/Pre-prototyping/PO/0 6-07/01M dtd. 18-08-06 Pre-Prototyping GmbH Germany	1	1,25,000/-	75,00,000/- (0.75 Crores)
Total					3,74,57,400/ (3.75 Crores)
Appox. Duty @ 12.5 %					0.47 Crores

The total cost of the imported items is appox. 3.75 Crores and duty on it @ of 12.5 percent would be appox. 0.47 Crores.

The committee noted that this is the first application for manufacture of dense P.U. foam car accessories. The committee felt that the production of these novel value added P.U. products with

advanced technology which were imported earlier should be encouraged and recommended the application for approval.

Agenda Item No. 4

The application of **M/s Zeppelin Mobile Systems India Ltd.**, Noida, U.P. for import of one PU foaming machine (Cannon A-100) and a Sandwich panel making machine for production of PU Sandwich foam panels.

M/s Zeppelin Mobile Systems India Ltd., (ZMI) was started in 1994 as a subsidiary of Zeppelin Mobile Systeme GMBH, Germany for manufacturing advanced shelters systems. ZMI is now a part of the Sintex group which holds 74% stake in the company. The balance 26% is held by the ZMS of Germany ZMI.

The company has recently (July 2005) shifted its operations to its own factory in Phase II Noida and now intends to manufacture its own PUF panels for which they are importing one PU foaming machine (Cannon A-100) and one Cannon PU sandwich panel forming plant. Details of the machinery being imported may be seen in the table below.

Table

S. No	Item	Qty	Purchase Order No	Cost	Appox. Cost in INR (Lakhs)
1	PU Foam Injection Machine using non-ODS Technology model compact A-100.	1	ZMI/P&M/06-07/33 Dated 13-11-2006 M/s Canon Afors S.p.A, Italy.	Euro 68000/-	40.80/-
2	Cannon Polyurethane Sandwich Panel forming plant using CFC free technology.	1	ZMI/P&M/06-07/31 Dated 03-10-2006 M/s Canon Afors S.p.A, Italy.	Euro 332000/-	199.20/-
Total cost in INR					240 Lacs
Duty payable appox. @ of 12.5%					30 Lacs

The project will cost Rs. 240 Lacs and the capacity of the plant would be about 5000 shelters per annum .

The committee noted that this company was one of the pioneers in the manufacture of telecom shelters with technology from Germany and their further expansion in this sector with beneficial collaborative inputs from the parent German company will benefit the whole P.U. sandwich panel making industry and recommended the application for approval.

The meeting ended with vote of thanks for the chair.



(Annexure I)

The meeting of the Technology and Finance Standing Committee on **15th February, 2007** at **11:00 A.M.** in the Conference Room No. – 2 (CDC), Core 4B, 2nd Floor, India Habitat Centre, Lodhi Road, New Delhi – 110 003.

LIST OF PARTICIPANTS

- | | | |
|---|---|----------|
| 1 | Dr. S. Varadarajan,
Chairman (TFSC),
4-A, Girdhar Apartments,
28, Feroze Shah Road,
New Delhi- 110001
Ph. : 23230828 (Dir) | Chairman |
| 2 | Shri R. Balasubramaniyan,
Regional Secretary,
India Chemical Manufacturers Association,
B - 41/1 East of Kailash,
New Delhi – 110065
Tel : 91-11-9810690755 | Member |
| 3 | Mr. S.K. Lalwani,
Consultancy Development Centre,
India Habitat Centre,
Lodhi Road, New Delhi – 110003
Ph. 24648268 (Dir), 4602601/2915 | Member |
| 4 | Mr. H. S. Kaintura,
Ministry of Chemicals & Petrochemicals,
Room No. – 227,
Department of Chem. & Petro-Chemical,
Shastri Bhavan, New Delhi – 110001
Ph. : 23386047 , 23384196 | Member |
| 5 | Dr. Shraddha Dubey,
Confederation of Indian Industry,
India Habitat Centre, Zone IV
4 th Floor, Lodhi Road
New Delhi – 110003 | Member |
| 6 | Prof. R.S. Agarwal
Professor of Mechanical Engineering
Mechanical Engineering Department
Indian Institute of Technology (IIT),
Hauz Khas, New Delhi – 110016
Ph. 26591120 (O), 26591809
Mobile : 9811361865 | Member |

- | | | |
|----|---|-------------------|
| 7 | Dr. S. Satapathy,
NPM, SPPU
India Habitat Centre, Zone IV
4 th Floor, Lodhi Road,
New Delhi – 110003 | (Special invitee) |
| 8 | Shri. R. Srinivas,
Project Coordinator,
Project Management Unit (PMU),
India Habitat Centre, Zone IV
4 th Floor, Lodhi Road,
New Delhi – 110 003 | (Special invitee) |
| 9 | Shri. Mohd. Rashid Ayub,
MIS Coordinator,
Project Management Unit (PMU),
India Habitat Centre, Zone IV
4 th Floor, Lodhi Road,
New Delhi – 110003 | (Special invitee) |
| 10 | Shri. Amit Gulati,
A.C,
Project Management Unit (PMU),
India Habitat Centre, Zone IV
4 th Floor, Lodhi Road,
New Delhi – 110003 | (Special invitee) |
| 11 | Shri. Mahinder Singh,
AO, Ozone Cell,
India Habitat Centre, Zone IV
4 th Floor, Lodhi Road,
New Delhi – 110003 | (Special invitee) |
| 12 | Prof. S.K. Mukerjee,
Consultant (Ozone Cell),
Ozone Cell,
India Habitat Centre, Zone IV
4 th Floor, Lodhi Road,
New Delhi – 110003 | Consultant |
| 13 | Dr. A. Duraisamy,
Director (O)
Ozone Cell,
India Habitat Centre, Zone IV
4 th Floor, Lodhi Road,
New Delhi – 110003 | Member Secretary |

