

Anil Kumar  
10/2/2003 11:15 AM

To: Sundaram D/MK/HTCGMPD-HITECH@HITECHNT  
cc:  
Subject: Line 2 and future expansions through Clean Development Mechanisms (CDM) under the Kyoto Protocol (KP)

Good idea.  
Let us include this in the presentation to be made to Chairman

— Forwarded by Anil Kumar/AD/HTCGMPD-HITECH on 10/2/2003 11:15 AM —

Sundaram D  
23/1/2003 09:52 AM

To: Anil Kumar/AD/HTCGMPD-HITECH@HITECHNT  
cc:  
Subject: Line 2 and future expansions through Clean Development Mechanisms (CDM) under the Kyoto Protocol (KP)

Sir,

We are considering the line 2 expansion proposal and preparation of presentation is under progress

There is a New concept called Carbon credit.

Developed countries are already emitting lot of Carbon Dioxide because of high level of Industrialisation.

These gases are referred as GHG gasses.

Developing countries can get benefitted if they adopt energy saving schemes.

Our Line 2 expansion and future expansions involving power generation schemes from waste gases have

potential to be GHG mitigating project.

As our project activity avoids / displaces the usage of fossil fuels else where, it would be potentially eligible

to obtain revenue through Carbon Credits under the Clean Development Mechanism of the Kyoto Protocol.

We understand that while India has ratified the Kyoto Protocol in August 2002, the KP itself has not yet come into force.

We would closely monitor the developments in this regard and explore the possibility of availing the above revenue scheme for our Line 2 and future expansions at an appropriate juncture.

Submitted for consideration,  
regards,  
D.Sundaram

INDIAN RAYON



(B)



1<sup>st</sup> March 2003

Shri M.B.Gupta  
Hi-Tech Carbon  
Gummidipoondi

→ ANPC(M)  
CC: EP

Sub : Clean Development Mechanism Project under Kyoto Protocol

We observe that you have taken a new initiative and considered Clean Development Mechanism for power generation project. This is a good step. Other businesses of our group like Cement and Fertilizer have already initiated some action in this regard. You may get in touch with them for more details. Your project note is forwarded to Chairman and you may please note that meeting with Chairman is scheduled on : 1.3.2003.

With best regards,

ADESH GUPTA  
CFO and CREC Team Member

**INDIAN RAYON AND INDUSTRIES LIMITED**

(Corporate Finance Division)

91, Sakhar Bhavan, 230, Nariman Point, Mumbai - 400 021 • Tel. : 91-22 - 204 5004 • Fax: 91-22 - 204 3686 • Email : cfd@indianrayon.com  
Registered Office : Veraval - 362 266, Gujarat • Website : www.indianrayon.com

## Assumptions

6. No additional CBFS storage tank and rent thereon at port is considered.
7. The approval of grades from Line-2 expansion production is not required.
8. Domestic market share of Hi-Tech Carbon is kept at 30.8% as per ACBM
9. Domestic Carbon Black demand growth is considered at CAGR of 4.14 % for the period 2003-12
10. EPCG Custom Duty benefit of Rs. 1.1 Crore is not considered in Block cost
11. Basic Custom duty on CB & CBFS is considered at 10% as against 25% and 20% respectively
12. Although technical problems are faced in Line 1 turbines, new lean gas based power generation scheme (line II and future expansions) is proposed considering additional Revenues from clean development mechanism under Kyoto Protocol. The New scheme is Expected to give an improved IRR with CDM benefits

INDIAN RAYON



(D)



Shri M.B.Gupta  
Hi-Tech Carbon  
Gummidipoondi

→ AVP (M)  
CC: EP

Sub : Chairman approval for line-2 Expansion and Power Generation Project.

The Chairman's approval on the CREC note is enclosed. Amount sanctioned for Block Cost is Rs.5550.73 lakhs. Considering interest during construction and contingency the total sanctioned amount is Rs.5900.00 lakhs. On viewing that Carbon Money would help to mitigate the technological barriers, approval is sanctioned for this project. It is further suggested that you may make all the future estimates also taking Clean Development Mechanism into consideration.

With best regards,

ADESH GUPTA  
CFO and CREC Team Member

**INDIAN RAYON AND INDUSTRIES LIMITED**  
(Corporate Finance Division)

91, Sakhar Bhavan, 230, Nariman Point, Mumbai - 400 021 • Tel.: 91-22 - 204 5004 • Fax: 91-22 - 204 3686 • Email: cfd@indianrayon.com  
Registered Office : Veraval - 362 266, Gujarat • Website : www.indianrayon.com

①

To: - Shri Manoj Kedia

## HI-TECH CARBON, CHENNAI

## BLOCK COST SUMMARY - EXPANSION LINE-II

<u>Sl No.</u>	<u>Particulars</u>	<u>Cost</u> <u>Rs. in Lacs</u>
1	Plant & Machinery	4855.03
2	Civil & Structural	595.70
3	Detailed Engineering Fee	100.00
		<u>5550.73</u>
4	Interest during construction for 5 months 12%	283.22
5	Contingency @3%	166.05
	<b>TOTAL BLOCK COST</b>	<del>6000.00</del>
		5900.00

Suresh/SHAK

Sanctioned

K. S. Srinivasan

11/3/07

HI-TECH CARBON  
(A Unit of Indian Rayon & Industries Ltd.)  
Factory: K-10, PHASE II, SIPCOT INDL. COMPLEX  
GUMMIDIPOONDI - 601 201 DIST THIRUVALLUR

Ph: 91(0) 4119-223233-36  
Fax: 91(0) 4119-224263, 223129  
E-mail: gmpdpurchase@hitechcarbon.com

Purchase Order

Page: 1 of 2

M/s THERMAX LTD., Energy Building, D1 MIDC, RD AGA Road, CHINCHWAD,  PUNE 411 019	PO Number : CO/0307/00035 LOT: HTC/PUR/LINE II/LOT-004 Date: 18/11/2003	PO Date : 17/07/2003
-----------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------	----------------------

Dear Sir,

We hereby place our order for the following materials in accordance with the terms and conditions printed overleaf.  
All excisable goods should be accompanied by transporter's copy of Excise Invoice, if the same is not received along with the consignment, the excise amount will not be reimbursed.

S. No.	Item Code	Description	UOM	Quantity	Basic Rate	Discount	Total
1	801001000	DESIGN, ENGG, MANFU & SUPPLY OF 52TPH TAIL GAS FIRED BOLIER COMPLETE IN ALL RESPECT	SET	1.000	66850000.00	0.00	66850000.00

TNGST NO: 1701951/97-98

Gen. Ex. Regn. No. M57050201004/09-07-97 C. Ex. Range - II Gummidiipoondi

CST NO: 694549/97-98 DT. 28-04-97 ECC Code: AAACH1747HXM002, DIV. V(MHV Complex) Chennai - 600035. Commission rate III Chennai

LINE 2 TG  
PURCHASE ORDER

**HI-TECH CARBON**

(A Unit of Indian Rayon & Industries Ltd.)

Factory: K-16, PHASE II, SIPCOT INDL. COMPLEX  
GUMMIDIPONDY - 601 201 DIST THIRUVALLUR

Ph: 91(0) 4119-223233-38  
Fax: 91(0) 4119-224303, 223129  
E-mail: gmpdpurchase@hitechcarbon.com

Page : 1 of 1

**Purchase Order**

M/S	PO Number : CO/0307/00036	PO Date : 17/07/2003
TRIVENI ENGINEERING & INDUSTRIES	PUR. REF. : HTC/PUR/ LINE-2/LOT-01	Date: 08/07/2003
Post Bag No 5836 & 5848		
12-A, Peenya Industrial Area,		
KARNATAKA		
BANGALORE		
560 053		

Dear Sir,

We hereby place our order for the following materials in accordance with the terms and conditions printed overleaf.  
All excisable goods should be accompanied by transporter's copy of Excise Invoice, if the same is not received along with the consignment, the excise amount will not be reimbursed.

S. No.	Item Code	Description	UOM	Quantity	Basic Rate	Discount	Total
	801003900	DESIGNMANUF & SUPPLY OF BMW SET TG SET WITH ESSENTIAL SPARES	SET	1.000	2900000.00	0.00	2900000.00
2	801003900	SPARES FOR BMW TG SET	SET	1.000	2900000.00	0.00	2900000.00

**Praveen kumar P**  
11/12/2003 11:15 AM

To: Sundaram D/MK/HTCGMPD-HITECH@HITECHNT  
cc:  
Subject: Fw: Request for information about CDM project

Dear Sir,

Sorry for the delay!

In connection with your below e-mail, I understand that you are also in the process of executing carbon black line waste gas based power generation unit. Further, the project is taken under carbon credit program of UNFCCC. UNFCCC stands for United Nation Framework Convention for Climate Change which is the governing body for registration of project and methodology. Any project seeking carbon credit has to follow a methodology approved by UNFCCC. The condition framed by the methodology has to be adhered by the project applying for carbon credit revenues. In our case, we don't have methodology available fitting our waste gas based power generation unit. Hence, we are planning to propose a new methodology for the same. Once the methodology is approved by UNFCCC, you can use the methodology to register your project and claim carbon credit. I will let you know any significant progress from our side.

With regards,  
Praveen Kumar

-----Forwarded by P Praveen Kumar on 11/12/2003 11:15AM -----

**Sundaram D**  
16/10/2003 10:43 AM

To: pkumar@acbc.com.eg  
cc: Anil Kumar/AD/HTCGMPD-HITECH@HITECHNT  
Subject: Request for information about CDM project

Sir,  
Greetings from India!

We are in process of implementing line 2 carbon black unit in our Hi-Tech Carbon, Gummidipoondi plant, Tamil Nadu, India. We are also planning to install power generation system utilizing the waste gas from line 2 carbon black unit. Since, the power generated from the waste gas recovery based system would be connected to grid. Hence, our project avoids/ displaces the usage of fossil fuels else where, it would be potentially eligible to obtain revenue through carbon credits under the Clean Development Mechanism of the Kyoto Protocol. I came to know from my colleagues that you are implementing a similar carbon credit project in your Egypt plant. It would be of great help for us, if you can share your knowledge on this new mechanism. Looking forward to hear from you!

Regards,  
D.Sundaram



**Sundaram D**

11/12/2003 11:45 AM

To: ckdutta@adityabirla.com  
cc: Anil Kumar/AD/HTCGMPD-HITECH@HITECHNT  
Subject: Fw: Request for Information about CDM

Dear Sir,

In connection with my previous e-mail, we are awaiting to know about your carbon credit project. Please get back to us!

Regards,  
D.Sundaram

— Forwarded by Sundaram D/MK/HTCGMPD-HITECH@HITECHNT on 11/12/2003 11:45 AM —

**Sundaram D**

16/10/2003 01:41 PM

To: ckdutta@adityabirla.com  
cc: Anil Kumar/AD/HTCGMPD-HITECH@HITECHNT  
Subject: Request for information about CDM project

Dear Sir,

We are in process of implementing line 2 carbon black unit in our Hi-Tech Carbon, Gummidipoondi plant, Tamil Nadu, India. We are also planning to install power generation system utilizing the waste gas from line 2 carbon black unit. Since, the power generated from the waste gas recovery based system would be connected to grid. Hence, our project avoids/ displaces the usage of fossil fuels else where, it would be potentially eligible to obtain revenue through carbon credits under the Clean Development Mechanism of the Kyoto Protocol. I came to know through a letter from Shri. Adesh Gupta, that you are implementing a similar carbon credit project. It would be of great help for us, if you can share your knowledge on this new mechanism. Looking forward to hear from you!

Regards,  
D.Sundaram

Sundaram D  
17/11/2003 10:30 AM

To: Anil Kumar/AD/HTCGMPD-HITECH@HITECHNT  
cc:  
Subject: Kyoto Protocol (KP)

Sir,

Further to previous mail on Clean Development Mechanism and Kyoto Protocol  
I understand from some of my friends that Kyoto Protocol has not been ratified by India

regards,  
D.Sundaram

**Anil Kumar**  
09/01/2004 09:12 AM

To: Taneja V/AD/HTCGMPD-HITECH@HITECHNT.  
cc: Sundaram D/MK/HTCGMPD-HITECH@HITECHNT,  
Subject: CDM and Kyoto Protocol

Sundaram had made some ground work. You can check with him and take up the study further  
--- Forwarded by Anil kumar/AD/HTCGMPD-HITECH on 09/01/2004 09:12 AM ---

CC

2

**HI-TECH CARBON, GUMMIDIPOONDI**  
**FULL AND FINAL SETTLEMENT OF ACCOUNT**  
**(PEFM - 59)**

*copy*

Page 1 of 2

Name of the Employee	Shri Anil Kumar
Designation	President
Department	General Admn
Date of Joining	05.09.1997
Date of Leaving	29.02.2004
Basic	185458.00

EARNINGS		
Salary / Basic		
DA		
HRA		
Special Allowance		
Conveyance		
Electrical & Gas Allowance		
Magazine Allowance		
Education Allowance		
News Paper Allowance -		
Warehouse Allowance		
Soft.Furnishing Allowance		
LTA	185458*1.4(For 11 months)	239004
MEDICAL	185458 (For 11 months)	170003
PL Encashment - 144 days	185458/30*144	890198
SL Encashment - 32 days	185458/30*32/2	98911
CL Encashment - 2 days	185458/30*2	12364
Exgratia		
Gratuity	185458/26*15*6	641,970.00
Others- I ( CCA)		
Others- II ( Notice Period Pay)		
<b>GROSS EARNINGS</b>		<b>2,051,450.42</b>

RECOVERIES		
EPF		0.00
VPF		0.00
ESI		0.00
Salary Advance		0.00
Staff Loan		0.00
Vehicle Loan		0.00
Income Tax		0.00
Professional Tax		600.00
Fixed Assets		0.00
Telephone Expenses		0.00
House Loan		0.00
LIC		0.00
Staff Club		0.00
Canteen/ Guest House		0.00
LTA Recovery		0
Medical Recovery		0
Any other Loan ... A.A.E		0.00
Colony recovery		0.00
Others- I - Cable TV Charges		0
Others- II -		0
<b>GROSS RECOVERIES</b>		<b>600.00</b>

<b>NET PAYABLES/RECOVERABLE</b>		<b>2050850.00</b>
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*[Signature]*  
Prepared By

Checked By

*[Signature]*  
Approved By

Date of Issue: 01.10.00 / Rev.No.0

**Praveen kumar P**  
19/04/2004 02:15 PM

To: tanejav@adityabirla.com  
cc:  
Subject: Fw: Update on CDM progress

Dear Sir,

We will update you in this regard.

Best regards,  
Praveen Kumar

-----Forwarded by P Praveen Kumar on 19/04/2004 02:15 PM -----

**Taneja V**  
15/03/2004 11:58 AM

To: pkumar@acbc.com.eg  
cc:  
Subject: Update on CDM progress

Dear Praveen,

I understand from my colleagues, who have interacted with you earlier regarding CDM project. I was been informed that you are in the process of developing a methodology for registering waste gas recovery based power plant project. We request you to update us on the approval of methodology. Since, it would help us to carry out our project using the methodology. Currently, i am handling the CDM project. Hence, plz update us on your CDM progress.

Regards,  
V.Taneja

Taneja V  
16/4/2004 10:10 AM

To: Gupte M B/FD/HTCGMPD-HITECH@HITECHNT  
cc:  
Subject: CDM Workshop

Dear Sir,

I attended a One day workshop on CDM conducted by DNV at Bombay.  
This was on Carbon Credit a scheme to mitigate the effects of Global warming.

#### Observations

The process of obtaining clearance is long.  
At present Russia and USA have not signed the Kyoto Protocol.  
We have to document the make a project design document first.  
This would cover all the details of the project.  
Energy saving schemes are eligible for credit however it cannot be  
a common practice of the Business – referred as "Business As Usual"  
Schemes implemented by statutory laws also do not qualify.

#### Recommendation

Some of our group executives from Indo Gulf Fertilizers also attended the Workshop.  
There are several processes like Methodology, document preparation, Audits verification etc.  
It would require considerable time and inputs from our side.  
We feel we should take the Project activity per se after gathering more information and  
we should also allow sufficient maturity time for this new concept to get established.

At present since we have already started preparatory work for Line 3 it would be better if we could combine the  
Line 2 and Line 3 carbon credit project together. This would save the efforts and time taken to carry out the Carbon  
Credit project.

In the meanwhile I would check with the consultants in the field and get more details.

Regards,

V.Taneja

Taneja V  
30/04/2004 02:40 PM

To: info@abdn.ac.uk  
cc: Sundaram DMK/HTCGMPD-HITECH@HITECHNT,  
Subject: Carbon Credit

Dear Sir,

We understand that your company provides consultancy in Carbon Trading.  
Please give us the nature of services provided by and the budgetary quote.

At HiTech Carbon we manufacture Carbon Black from heavy Petroleum feedstock.  
Electricity is generated as a Co Product by utilising the heat generated after burning the Low  
calorific value gases.

Regards,  
V.Taneja

Praveen kumar P  
09/08/2004 09:45 AM

To: tanejav@adityabirla.com  
cc  
Subject: CDM project status update

Dear Sir,

In connection with the approval for the new methodology, we are still in the process of developing documents explaining the power generation system and also methodology fitting for our project. Let me update any further progress in this regard.

Best regards,  
Praveen Kumar



**Praveen kumar P**

11/04/2005 03:21 PM

To: tanejav@adityabirla.com

cc:

Subject: CDM update

Dear Taneja,

Further to my previous update on our CDM project, we are happy to inform that we have proposed a new methodology to UNFCCC. It will be web hosted for public inputs very shortly. I will let you know upon approval from UNFCCC.

Best regards,  
Praveen Kumar

---

LINE 3  
BOILER  
PURCHASE  
ORDER

Ph: 91(0) 4119-289233-36  
FAX: 91(0) 4119-289363, 289129  
E-mail: gmpdpurchase@adityabirla.com

Page : 1 of 2

HI-TECH CARBON  
(A Unit of Indian Rayon & Industries Ltd.)  
Factory: K-18, PHASE II, SIPCOT INDL. COMPLEX  
GUMMIDIPOONDI - 601 201 DIST THIRUVALLUR

Purchase Order

PO Number: CO/0502/00197  
PO Date: 21/02/2009  
M. ESP: 02/4/3409 REV. NO 1 DL 03/11/05  
ESP: 02/4/3409 REV. NO 2 DL 01/02/05  
VARIOUS MAIL DL: 02/02/05 011-2-2005  
& DISCUSSION (TECH & COMM)

FOR LINE - 3

We hereby place our order for the following materials in accordance with the terms and conditions printed overleaf. Excisable goods should be accompanied by transporter's copy of Excise Invoice. If the same is not received along with the assignment, the excise amount will not be reimbursed.

Item Code	Description	UOM	Quantity	Basic Rate	Discount	Total
831001000	MANF & OF TAIL GAS BOILER 707PH. 44KG/CM2 PRESSURE & 425+- 5 C	SET	1 000	89200000.00	0.00	89200000.00
831001001	MANF & SUPPLY OF DRIVE TURBINE FOR BOILER FEED WATER PUMP	SET	1 000	4700000.00	0.00	4700000.00

TO: THERMAX LTD,  
Energy Building, D1 MIDC, RD. AGA ROAD,  
CHINCHWAD,  
PUNE  
11019

LINE 3 TURBINE  
PURCHASE ORDER

**HI-TECH CARBON**

(A Unit of Indian Rayon & Industries Ltd.)  
Factory: K-16, PHASE II, SIPCOT INDL. COMPLEX  
GUMMIDIPONDI - 601 201 DIST THIRUVALLUR

Ph: 91(0) 4116-289233-36  
Fax: 91(0) 4116-289363, 289129  
E-mail: gmpdpurchase@achtyabirla.com

**Purchase Order**

M/S TD POWER SYSTEMS PVT. LTD.  
JAPAN  
TOHWA BUILDING, 4th Floor,  
3-3 Kitashinagawa, 3-Chome,  
Shinagawa - Ku TOKYO - 1400001  
JAPAN  
0081-3-5783-5381 Ph: 0081-3-5783-5380

PO No. GO/0507/00023  
Ref. No. PR/0507/00702  
Remarks: LOT- NO HTC/PUR/LINE III LOT/001/12  
LOT- NO HTC/PUR/LINE III LOT/001/16 to 18  
VARIOUS MAIL & DISCUSSION WITH  
OUR OFFICIALS

PO Dt. 03/07/2005

Dear Sir,

We hereby place our order for the following materials in accordance with the terms and conditions printed overleaf. All excisable goods should be accompanied by transporter's copy of Excise Invoice if the same is not received along with the assignment, the excise amount will not be reimbursed.

No.	Item Code	Description	UOM	Quantity	Basic Rate	Discount	Value
1	831003001	MANU & SUPPLY OF SHIN NIPPON MAKE 17.2MW TURBINE & OTHER ACCESSORIES DETAIL SCOPE	SET	1,000	175500000.00	0.00	175500000.00
2	831003901	SPARES PARTS FOR TG 17.5MW & LOT 30 GENERATOR 17.5MW AS	LOT	1,000	9500000.00	0.00	9500000.00

**Praveen kumar P**

11/04/2005 03:21 PM

To: tanejav@adityabirla.com  
cc:  
Subject: CDM update

Dear Taneja,

Further to my previous update on our CDM project, we are happy to inform that we have proposed a new methodology to UNFCCC. It will be web hosted for public inputs very shortly. I will let you know upon approval from UNFCCC.

Best regards,  
Praveen Kumar

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Taneja V  
21/09/2005 07:40 PM

To: sales@cemtrex.com  
cc:  
Subject: Clean Development Mechanism and Carbon Credit

Dear Sir,

We introduce ourselves as manufacturers of Carbon Black

At HiTech Carbon we manufacture Carbon Black from heavy Petroleum feedstock. Electricity is generated as a Co Product by utilising the heat generated after burning the Low calorific value gases.

At HiTech Carbon we commissioned our first Line of Production in the year 1998.  
We have commissioned the second Line of production in 2004.  
Right now we are engaged in the project activities of Line 3.

We have been trying to evaluate the approach for claiming Carbon Credit.  
When we made enquiries in India we were told that Methodology is not available and we have to propose a methodology.

Since we have no exposure to this new process may we request your services and the expertise?  
Do you have any partner in India?

Regards,  
V.Taneja

Praveen kumar P

11/10/2005 11:19 AM

To: tanejav@adityabirla.com

cc:

Subject: CDM project status update

Dear Taneja,

Our methodology approval process has reached a significant step. We received few comments for the methodology supplied earlier. Hence, we have revised the methodology and submitted the same to UNFCCC for their approval. We are making all efforts to complete the process as early as possible. Since, you may use the methodology for your CDM project. We would let you know once the methodology gets approved.

Best regards  
Praveen Kumar

Taneja V  
27/03/2006 06:29 PM

To: sales@carboncredex.com  
cc:  
Subject: C D M and Carbon Credit through Kyotoprotocol

Dear Sir,

We manufacture Carbon Black which is an essential ingredient in Automobile tyres

Carbon Black is manufactured from heavy Petroleum feedstock.  
Electricity is generated as a Co Product by utilising the heat generated after burning the Low calorific value gases.

We commissioned our first Line of Production in the year 1998.  
We have commissioned the second Line of production in 2004.  
Right now we are engaged in the project activities of Line 3.

Is there a clear methodology covering our manufacturing process  
We request your services and the expertise in starting the project.  
Do you have any associate in India?

Apart from Indian operations we also have overseas operation in Egypt and Thailand.

Can the projects be combined or we have to deal them individually.  
What is the process for getting the revenue ?

Regards,

V.Taneja  
Vice President Technical  
(A Unit of Aditya Birla Nuvo Ltd.)  
K-16, Phase-II, Sipcot Industrial Complex  
PO: GUMMIDIPOONDI, PIN CODE 601-201  
Dist: Thiruvallur, TN (India)  
Tel No: (Dir.) 044 - 27989102, (Board) 27989233-36

**HI-TECH CARBON, GUMMIDIPOONDI**  
**FULL AND FINAL SETTLEMENT OF ACCOUNT**  
**(PEFM - 59)**

*copy*

Name of the Employee	VINOD TANEJA - 0007
Designation	Vice President ( Tech)
Department	Gen. Admn
Date of Joining	26.05.2003
Date of Leaving	28.06.2006
Basic	55500.00

EARNINGS		
Salary / Basic - 29 days	55500/30*28	51800
HRA		
Special Allowance ""	49425/30*28	46130
Conveyance "		
Electrical & Gas Allowance		
Magazine Allowance		
Education Allowance	500/30*28	467
News Paper Allowance -	250/30*28	233
Warehouse Allowance		
Soft.Furnishing Allowance	500/30*28	467
LTA 06-07	55500*1.4/365*89	18946
MEDICAL -06-07	55500/365*89	13533
PL Encashment - 72.5 days	55500/30*72.5	134125
SL Encashment - 26 days	55500/30*26/2	24050
CL Encashment - days		
Exgratia		
Gratuity - years		
Others- I -		
<b>GROSS EARNINGS</b>		<b>289751.00</b>

RECOVERIES		
EPF		6216.00
PF on leave encashment	158175	18981.00
VPF		0.00
ESI		0.00
Salary Advance		0.00
Staff Loan		0.00
Vehicle Loan		0.00
Income Tax		0.00
Professional Tax	0	750.00
Fixed Assets ( Furniture loan)		0.00
Telephone Expenses		0.00
House Loan		0.00
LIC		0.00
Staff Club		50.00
Canteen/ Guest House		0.00
LTA Recovery		0.00
Medical Recovery		0
Any other -		0.00
Cable TV		130.00
Others- I - Notice Period - days		
Others- II - CL Excess availed	55500/30*4.5	8325
<b>GROSS RECOVERIES</b>		<b>34452.00</b>

<b>NET PAYABLES/RECOVERABLE</b>		<b>255299.00</b>
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*[Signature]*  
 Prepared By

Checked By

*[Signature]*  
 Approved By



Praveen kumar P  
23/03/2006 10:45 AM

To: tanejav@adityabirla.com  
cc:  
Subject: CDM project status

Dear Taneja,

As per your request, I would like to update you about our CDM project. We are in the last stage for getting approval for our new methodology. We would let you know once it gets approval.

Best regards  
Praveen Kumar

---

**Praveen kumar P**  
17/08/2006 02:38 PM

To: rathiss@acityabirla.com  
cc:  
Subject: Methodology got approved

Dear Sir,

We are happy to inform you that our methodology AM0032 has got approved by UNFCCC. We are moving ahead in registering the project for claiming carbon revenues. You can check and use the methodology for your CDM project. Further, you may contact our sister Company Indo Gulf fertilizers in India, which is currently carrying out another CDM project.

Best regards  
Praveen Kumar

—Forwarded by P Praveen Kumar on 17/08/2006 02:38 PM —

**S S Rathi**  
16/10/2003 10:43 AM

To: pkumar@acbc.com.eg  
cc:  
Subject: CDM project

Dear Praveen,

In connection with our CDM project, I would be handling our CDM project. Plz let me know about the status of your CDM project.

Regards

S.S.RATHI

**C K Dutta**

20/09/2006 03:32 PM

To: rathiss@adityabirla.com  
cc:  
Subject: Fw: CDM\_info reqd urgent

Dear Sir,

Sincere apology for delay in reply! We are carrying out a methane emission reduction CDM project at our Jagdishpur. We are working with CDM consultant namely EY. You may approach them for further assistance. The contact person is Mr. Indra Guha (Indra.Guha@in.ey.com).

With regards  
C K Dutta

—Forwarded by C K Dutta on 20/09/2006 03:32 PM —

**S S Rathi**

16/10/2003 10:43 AM

To: ckdutta@adityabirla.com  
cc:  
Subject: CDM\_info reqd urgent

Dear Sir,

I understand that you are carrying out a CDM project in your plant. Let me know about your status of the project and have you appointed any consultants for this project?

Regards

S.S.RATHI

**M B Gupta**  
07/11/2006 09:29 AM

To: K Shankaranarayan/R&D/htcgmppcert/ABG@ABG  
cc:  
Subject: Hi Tech Carbon - CDM for power project

pl print

----- Forwarded by M B Gupta/F&C/htcgmppcert/ABG on 07/11/2006 09:14 AM -----

**S S Rathi**  
06/11/2006 06:23 PM

To: M B Gupta/F&C/htcgmppcert/ABG@ABG  
cc:  
Subject: Hi Tech Carbon - CDM for power project

Regards

**S.S. RATHI**  
Executive President

----- Forwarded by S S Rathi/GADM/htcgmppcert/ABG on 06/11/06 06:20 PM -----



**Indra Guha**  
<Indra.Guha@in.ey.com>

06/11/06 05:43 PM

To: rathiss@adityabiria.com  
cc:  
Subject: Hi Tech Carbon - CDM for power project

Dear Mr Rathi,

We are glad to know that you are interested in taking your proposed tail gas based power project through the Clean Development Mechanism (CDM) cycle. Kindly provide us with the following information for us to be able to assess the CDM-ability of the proposed project -

1. Carbon black manufacturing capacity of the facility.
2. Does the plant run any captive power plant at present? What is the fuel source? If there is a power plant does it export to the grid?
3. A brief write-up on the proposed project activity?
4. What is the status of implementation of the project?
5. Start date of the tail gas based power generation project - date of civil construction start date/ issuance of first purchase order, date of commissioning of the project.
6. Power balance of the facility - generation, in-house consumption and power export to the grid.
7. Capital cost on the proposed project
8. Write up on any financial/ technological/ operational barrier envisaged by the project proponent during implementation of the project activity.

Please feel free to revert for any clarification.

Best Regards,

**ERNST & YOUNG** ®  
Ernst & Young Pvt. Ltd

Indra Guha

Manager  
Risk and Business Solutions  
BRS \* ESS \* FIDS \* F&PM \* TSRS

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Phone:	+91 - 33 - 2281 1224	Mobile:	+91 - 9831 2 01769
Fax:	+91 - 33 - 2281 7750	URL:	<a href="http://www.ev.com/in">http://www.ev.com/in</a>

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**BIRLA CARBON**



May 17, 2007

To  
Panchayat President,  
Siddarajakandigai Panchayat,  
GUMMIDIPOONDI - 604 201.

Kind Attn: Mr. Rose Pillai

**Sub: Clean Development Mechanism - Stakeholder Consultation Meeting**

Dear Sir,

We are glad to inform that we are in the process of developing our waste heat recovery and power generation project as a Clean Development Mechanism project namely, "Generation of power from process waste heat at Hi-Tech Carbon, Gummidipoondi, Tamil Nadu, India". As part of the modalities and procedures involved in registering our project activity as a CDM project with United Nations Framework Convention on Climate Change, we need to appraise and consult with the identified local stakeholders about our project activity on the CDM front.

In this regard, we are convening a meeting with all the local stakeholders involved in the project on 25th May 2007 ( Friday ) at 11.00 hours in Training Hall of Hi-Tech Carbon, Gummidipoondi Plant.

We take this opportunity to invite you for the above said meeting. Your presence is highly solicited.

Thanking you,

Yours faithfully,  
HI-TECH CARBON  
( A Unit of Aditya Birla Nuvo Ltd., )

  
R. RAJASEKARAN  
General Manager ( HR & A )

HI-TECH CARBON

Aditya Birla Nuvo Ltd.



To  
 My K.VENKATESAPERUMAL  
 E & Y, CHENNAI

**F.No.4/10/2007-CCC**  
**Government of India**  
**Ministry of Environment & Forests**  
**Climate Change Division**

115, Paryawaran Bhawan,  
 C.G.O.Complex, Lodi Road,  
 New Delhi 110 003  
 Dated: June 19, 2007.

**OFFICE MEMORANDUM**

**Subject: - Meeting of the National CDM Authority on 28<sup>th</sup> June 2007-  
 regarding.**

I am directed to inform that a meeting of the National CDM Authority would be held, under the Chairmanship of Shri R.H. Khwaja Additional Secretary (E&F), on 28<sup>th</sup> June 2007 at 10.30 AM at NTPC Scope Convention Centre, Core 8, Bhubha Chamber, Scope Complex, Lodhi Road, New Delhi-110003. Your following projects (s) are listed for consideration.

1. **Generation of power from process waste heat at Hi-tech carbon, Tamil Nadu. (PID: 554/07)**
2. You are requested to make it convenient to attend the meeting and make a 5 minutes presentation on your Project. It is further requested that a maximum of 2 officials from your organization, may be present in the uforesaid meeting. You may however bring a consultant with you.
3. You may inform by fax only in case you are not participating in the meeting.
4. You are also requested that for all future correspondence the following details may be provided in your letter.
  - ✓ Project ID No (PID)
  - ✓ File No as given on the top of this letter.
  - ✓ Date of NCDNA meeting.
  - ✓ Name of the project as given in PCN/PID.
5. Please ensure that copies of all necessary approvals/clearances for setting up of the projects have been furnished along with your PDDs/PCNs.

  
 (Neeraj Khatri)  
 Deputy Director (CC)  
 Telefax: 24365199

Mr. V. Raghunathan, G.M. (Material)  
 M/s Hi-Tech Carbon  
 K-16, Phase II, Sipcot Industrial Complex.  
 P.O. Gummidipoondi.  
 Tamil Nadu - 601 201.  
 Fax : 044-2792 4363.  
 Tel : 044-2798 9233.





भारत सरकार  
पर्यावरण एवं वन मंत्रालय  
GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS

No. 4/10/2007-CCC

27 June 2008.

To,  
Mr. V.Raghunathan  
General Manager (Material)  
Hi-Tech Carbon, (HTC)  
K-16, Phase-II, Sipcot Industrial Complex  
P.O. Gummidipoondi-601 201.  
Tamil Nadu


Sub: Host Country Approval to "Generation of power from process waste at Hi-Tech Carbon, Tamilnadu" in District Thiruvallur, P.O.Gummidipoondi by M/s Hi-Tech Carbon, (HTC)- regarding CDM.

Sir,

I am directed to state that the Project Concept Note and Project Design Document of "Generation of power from process waste at Hi-Tech Carbon, Tamilnadu" in District Thiruvallur, P.O. Gummidipoondi by M/s Hi-Tech Carbon, (HTC) was considered by the National CDM Authority in its meeting held on 28 June 2007. The Authority confirms that:

- (i) The Government of India has ratified the Kyoto Protocol in August 2002.
- (ii) This is approval of voluntary participation in the proposed CDM project activity.
- (iii) The project contributes to Sustainable Development in India.

Yours faithfully,

  
(R.K. Sathf)  
Director (CC)



जहाँ है हरियाली।  
वहाँ है खुशहाली।

पर्यावरण भवन, सी.जी.ओ. कॉम्प्लेक्स, लोदी रोड, नई दिल्ली - 110 003  
PARYAVARAN BHAWAN, C.G.O. COMPLEX, LODHI ROAD, NEW DELHI - 110 003



भारत सरकार  
पर्यावरण एवं वन मंत्रालय  
GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT & FORESTS

No. 4/10/2007-CCC

27 June 2008.

To,  
Mr. V.Raghunathan  
General Manager (Material)  
Hi-Tech Carbon, (HTC)  
K-16, Phase-II, Sipeot Industrial Complex  
P.O. Gummidipoondi-601 201.  
Tamil Nadu

Sub: Host Country Approval to "Generation of power from process waste at Hi-Tech Carbon, Tamilnadu" in District Thiruvallur, P.O. Gummidipoondi by M/s Hi-Tech Carbon, (HTC)- regarding CDM.


Sir,

Kindly refer to Ministry's letter No.4/10/2007-CCC dated 27 June 2008 conveying Host Country Approval to your CDM project to "Generation of power from process waste at Hi-Tech Carbon, Tamilnadu" in District Thiruvallur, P.O. Gummidipoondi by M/s Hi-Tech Carbon, (HTC).

Please note that the following conditions shall also be complied with:

- (i) M/s Hi-Tech Carbon, (HTC) shall not sell the CERs to any agency/company/organization, which purchases the CERs using ODA Funds.
- (ii) M/s Hi-Tech Carbon, (HTC) shall inform the National CDM Authority regarding all transaction details of CERs including the name and address of the party to which CERs were sold within 30 days of transfer of the CERs.
- (iii) M/s Hi-Tech Carbon, (HTC) shall furnish expeditiously any information, during the lifetime of the project as requested by the National CDM Authority.
- (iv) M/s Hi-Tech Carbon, (HTC) shall obtain all statutory clearances and other approvals as required from the competent authorities for setting up of the project.
- (v) All transactions shall be subject to supervision of the Executive Board of the CDM, under the authority and guidance of the COP/MOP.
- (vi) This approval is not transferable. The authority reserves the right to revoke this Host Country Approval if the conditions stipulated in this approval are not complied with to the satisfaction of the National CDM Authority.

Yours faithfully,

  
(R.K. Sethi)  
Director (CC)



जहाँ है हरियाली !  
वहाँ है खुशहाली !!

पर्यावरण भवन, सी.जी.ओ. कॉम्प्लेक्स, लोदी रोड, नई दिल्ली - 110 003  
PARYAVARAN BHAWAN, C.G.O. COMPLEX, LODHI ROAD, NEW DELHI - 110 003