

## DIRECTORS' REPORT FOR THE YEAR ENDED 31<sup>st</sup> MARCH, 2011

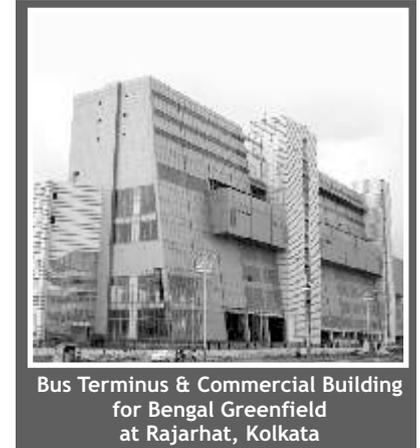
To,  
The Shareholders,

On behalf of the Board of Directors, I have great pleasure in presenting to you the Annual Report on the working of the Company, together with the Audited Accounts for the year ended 31<sup>st</sup> March 2011.

It was a milestone achievement for your company to attain Miniratna-Category I Status on 21<sup>st</sup> September 2010 vide Letter No. 3(19)/2009-PE.IV received from Ministry of Heavy Industries and Public Enterprises, Department of Heavy Industry, Government of India.

### TURNAROUND CPSE AWARD 2010 :

Bridge & Roof Co.(I) Ltd. has been the recipient of the Turnaround CPSE Award 2010 awarded by Chairman, BRPSE.



Bus Terminus & Commercial Building  
for Bengal Greenfield  
at Rajarhat, Kolkata

## 1.0 FINANCIAL PERFORMANCE :

### A) OPERATING RESULTS :

Salient features of Company's financial performance for the year under report vis-à-vis last year are as under:

	(₹ in crores)	
	2010-2011	2009-2010
Income	1333.49	1165.31
Gross Margin	107.57	88.03
Interest	6.65	10.30
Depreciation	13.83	13.62
Profit Before Tax	87.09	64.11
Provision for Taxation	29.49	23.78
Profit After Tax	57.60	40.33
Profit Available for Appropriation	57.68	42.00
Dividend	1.65	1.10
Tax on Dividend	0.27	0.18
Transfer to General Reserve	55.02	40.30

### B) DIVIDEND :

The Directors recommend a dividend of 3% -Three percent (last year 2% -Two percent) per Equity Share of ₹ 10/- each for the financial year ended 31<sup>st</sup> March, 2011, which if approved at the forthcoming Annual General Meeting, will be paid to all those Equity Shareholders whose names appear in the Register of Members as on 23<sup>rd</sup> September, 2011.

### C) CAPITAL :

Authorized capital of the company is ₹ 60 crores consisting of 6 crores Equity Shares of ₹ 10/- each.

Paid-up capital of the company as on 31<sup>st</sup> March, 2011, stands at ₹ 54.99 crores comprising of 5,49,87,155 equity shares of ₹ 10/- each, of which 5,46,27,155 equity shares are held by the President of India.



## 2.0 MANAGEMENT DISCUSSION AND ANALYSIS :

### A) PERFORMANCE :

The Company achieved a record turnover of ₹ 1333.49 crores during the year 2010-2011, being higher than ₹ 1165.31 crores achieved during the previous year. The Profit Before Tax was ₹ 87.09 crores as compared to ₹ 64.11 crores in the previous year. In spite of enormous competition particularly from private sector companies, the Company with its sustained efforts was able to achieve an outstanding and commendable performance during the year.

Activity-wise performance is reported below:

### PROJECT DIVISION :

Value of work done in Project activities during the year is ₹ 1285.09 crores as compared to ₹ 1109.96 crores last year. Important projects which are successfully completed during the year include -

Description	Location	Client	Value (₹ Crores)
Mechanical Works for Offsites and MS Block for Bina Refinery Project.	Bina (Madhya Pradesh)	Bharat Oman Refineries Ltd.	104.22
Civil, Architectural & Structural Steel Works for Coal Handling Plant package of Mejia TPP Unit - V & VI.	Mejia (West Bengal)	Bharat Heavy Electricals Limited	102.95
Civil, Architectural and Structural Steel Work of Bakreswar Thermal Power Project Unit 4 & 5 (MP-3).	Bakreswar (West Bengal)	Bharat Heavy Electricals Limited	79.77
Construction of Administrative Block, Library Block and Five Schools including Internal Water Supply and Sanitary Installations, Internal Electrical Works, Firefighting and External Development.	Dwarka (Delhi)	Guru Gobind Singh Indraprastha University	76.73
Construction of all Civil, Steel Structure & Architecture Works in main plant area at Barsingsar TPP of M/s NLCL	Bikaner (Rajasthan)	Bharat Heavy Electricals Limited	53.91
Civil & Structural Works for (COT).	Mundra (Gujarat)	HPCL- Mittal Pipelines Ltd.	52.10
Processing, Supply & Transportation to Site of Approved Hot Mix Product (Project - 4 Laning of Palsit - Dankuni Section of NH-2 in the state of West Bengal).	Palsit (West Bengal)	EMAS Expressway Pvt. Ltd.	33.23

### HOWRAH WORKS :

During the year 2010-2011, performance of workshop at Howrah improved significantly. Manufacturing work executed during this financial year includes the completion of the following major orders received from various clients:

- Manufacture and supply of 116 Nos. BOBYN Wagons & 55 Nos. BOXNHL Wagon for Railway Board New Delhi of Indian Railways. (Value ₹ 20.66 crores).
- Manufacture and supply of 2666 MT of Bailey Bridge components for Royal Government of Bhutan, Private Parties of Tripura & Andaman, PHPA, AP PWD, HP PWD, Assam PWD. (Value ₹ 26.58 crores).
- Fabrication and Supply of 1290 MT of Railway Bridge Girders of different spans for East Central & South Eastern Railway, Ircon International Ltd. (Value ₹ 12.91 crores)
- Manufacture & Supply of 40 Nos. Bunk Houses for BRBCL, Reliance Infra, NTPC, B&R Project sites. (Value ₹ 2.1 crores)

## B) RISK MANAGEMENT :

Your Company has put in place Risk Management System with the objective of having a balance approach towards business plan and to mitigate the associated risks through better management practices, resulting in greater degree of confidence amongst various stakeholders and adhering to good Corporate Governance practice. Risks associated with Operations, Environment, Finance, Human Resources, Legal, Information Security etc. and the degree of impact financially, it's likely effect on the assets, facilities and third parties are assessed regularly. In order to mitigate losses arising out of perceived risks, the procedures being adopted to contain the risks, as also the practices adopted during emergencies, including the communication system and mode of disseminating information are periodically reviewed and updated to minimize the impact on your Company. The Risk Mitigation and Strategy Plan in accordance with the Memorandum of Understanding signed between your company and the Ministry of Heavy Industries is in draft stage to be implemented from financial year 2011-12.



## C) CAPITAL EXPENDITURE :

Company has made capital expenditure of ₹ 18.34 crores during the year mainly towards purchase of construction equipment.

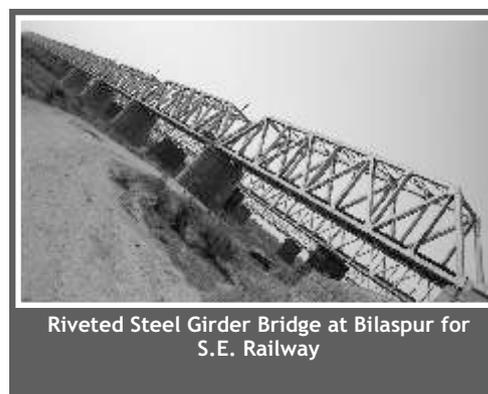
## D) FOREIGN EXCHANGE EARNINGS & OUTGO :

Foreign Exchange Earnings during the year was ₹ 10.54 crores. Expenditure in Foreign Currency for import of raw materials, capital goods etc. amounted to ₹ 12.23 crores as indicated in 'Notes Forming Part of the Accounts, Schedule 8.2, 1(d), (e) and (f).

In compliance with the requirements of Section 217(1)(e) of Companies Act, 1956, the particulars of Foreign Exchange outgo are appended in Annexure -I Schedule (Form- 'C') forming part of this report.

## E) ORDER BOOKING POSITION :

Despite severe competition mainly from Private Sector companies, the Company with its sustained efforts secured order worth ₹ 1331.73 crores during the year 2010-2011 from Private as well as Public Sector clients compared to previous years order booking of ₹ 1353.15 Crores.





Major Orders booked during the year:-

## PROJECTS :

Description	Location	Client	Value (₹ Crores)
Power Block-2 Package- Piling, Civil, Architectural & Structural Work of Power Block Unit - 2 & other Misc. Work TPP.	Vizag (Andhra Pradesh)	Bharat Heavy Electricals Ltd.	156.70
Civil & Structural Works including Barricading Work for NHT/ CCR Project.	Mahul (Maharashtra)	Bharat Petroleum Corporation Ltd.	114.07
Mechanical Equipment, Piping, Structural and Painting Works for VGO-HDT Unit and Insulation Works of EPCM-2.	Paradip (Orissa)	Indian Oil Corporation Ltd.	103.61
Civil Work for Power House and Mill Building Foundations including TG, BFP, Mill and Other Foundations from Transformer Yard to Stack.	Lapanga (Orissa)	Aditya Aluminium	96.25
Equipment Erection and Piping Works for Alumina Refinery Project.	Doraguda (Orissa)	Utkal Alumina International Ltd.	95.74
Civil Work for Power House and Mill Building Superstructure and Permanent Roads & Drainage Project.	Lapanga (Orissa)	Aditya Aluminium	85.39
Erection, Testing, Commissioning & Trial Operation of Boiler, ESP, Boiler Auxilliaries & Power Cycle Piping of Unit No.6 at Anpara-D Thermal Power Plant.	Anpara (Uttar Pradesh)	Bharat Heavy Electricals Ltd.	61.34
Construction of Computer Centre and Central Library.	Agartala (Tripura)	National Institute of Technology	60.10
Collection, Transportation, Erection, Testing & Commissioning, Trial Operation & Handing over of Boiler and its Auxilliaries including ESP.	Raigarh (Chattisgarh)	Bharat Heavy Electricals Ltd.	55.72
Erection, Testing & Assistance for Commissioning Trial Operation and handing over of Boiler & ITS Auxiliaries. Nasik Thermal Power Project Block-2 (Unit 2 & 4) for India Bulls Power Ltd.	Nasik (Maharashtra)	Bharat Heavy Electricals Ltd.	48.57

## HOWRAH WORKS :

Description	Client	Value (₹ Crores)
Manufacture, Supply, Inspection & Transportation of 1 No. 70 ft. (SSR), 2 Nos. 80 ft. (DS), 2 Nos. 90 ft. (TS), 3 Nos. 100 ft. (TS), 1 No. 130 ft. (DD), 1 No. 140 ft. (TSR), 1 No. 180 ft. (DDR) span Bailey Type Unit Bridge having standard carriageway width of 3.277 Mtrs. Suitable for load class 24-R.	Royal Govt. of Bhutan	11.34
Manufacture, Supply & Transport of 1 No. 50 ft., 4 Nos. 80 ft., 3 Nos. 100 ft., 3 Nos. 120 ft. & 2 Nos. 180 ft. Bailey Type Unit Bridge having Standard Width Carriageway width 3.277 Mtrs. Suitable for IRC load class 40R	Punatsangchhu-1 Hydroelectric Project Authority/ Director General Border Roads/Himachal Sorang Power Pvt. Ltd./Lanco Infratech Limited /Other/Haryana Govt.	9.87
Supply & Fabrication of 40 Nos. BTPN Type and 25 Nos. BOBYN Type Eight Wheeler BG Bogie Railway Wagon	Indian Railways	5.68
Manufacture, Supply & Transportation of 1 No. 50 ft., 1 No. 100 ft., 4 Nos. 120 ft. and 1 No. 140 ft. span Bailey Bridge Components	Public Works Department	5.61
Design, Fabrication, Supply, Transportation & Delivery of 12 Nos. steel bridge girders ( 30 ft. to 80 ft.) suitable for broad gauge Railway Track in Sri Lanka	IRCON International Ltd.	3.50
Manufacture and supply of various types Bunk House of specific sizes	Aravali Power Company Pvt. Ltd. /Bharatiya Rail Bijlee Corpn. Ltd./Other / Reliance Infrastructure Ltd./ National Thermal Power Corporation Ltd.	1.24

## **F) ENERGY CONSERVATION :**

Continuous efforts to conserve energy are being taken by adopting various measures like person to person campaign to put-off lights, fans, A.C. Machines etc., wherever possible, and systematic periodical overhauling of all electrically operated machines. Energy Audits have also been conducted by External Experts followed by necessary corrective actions, as applicable.

A Report on Energy Utilisation is enclosed as per Annexure-II.

## **G) TECHNOLOGY, R&D AND QUALITY :**

In the present competitive market, the need to continuously update technology and upgrade the quality, alongwith R&D efforts, has been recognized by the company as supreme importance and the activities in these areas are being pursued with great strength. The Company with its sustained efforts has been continuing to develop new areas of its construction activities, update technology and upgrade quality standards. The Company has already established successful operation in the diversified areas such as : POT and POT Superstructure for Aluminium smelter, Furnaces and Heaters, Main Boiler Work in Thermal Power Station, Storage Silos for Alumina, Metro Railway, LSTK Projects etc.

The Company is now trying to diversify in other areas such as : Pumped Storage/Hydel Projects, Modernisation of Steel Plants, Fire Fighting System, LPG Bullet Tank, Flyover Construction, Construction of Higher Diameter Tanks (Above 79M). The Company has already been awarded ISO: 9001-2000 with respect to Tank Construction and ISO: 9001-2008 with respect to Manufacture of Bailey Bridge, Wagon, Railway Bridge Girder & Bunk House. The Surveillance Audit has been carried out successfully by External Auditor M/s DNV.

In compliance with the requirements of Section 217(1)(e) of Companies Act, 1956, the particulars of Research & Development, Technology Absorption and Adaptation are appended in Annexure-I Schedule (Form 'B') forming part of this report.

## **3.0 HUMAN RESOURCE DEVELOPMENT :**

During 2010-11, training and motivation of employees continues to be identified as most effective means for human resource development, the driving source behind all HRD initiatives taken in the Company. Apart from the usual performance & potential appraisal systems, increased emphasis is being given to identify the specific areas of improvement in tune with ever evolving operational requirements of the Company, leading to a focused plan of both institutional and on-the-job training.

Resultantly, Company's philosophy on corporate governance guided by transparency, accountability and integrity, continues to be practiced this year has translated into rejig of Enterprise Resource Planning system.

As a part of core HR strategy, promotion policy & procedures have been consolidated to identify in a selective way the right persons for the right job to meet the organizational priorities. On the front of compensation to the employees, various measures have been initiated to make a right mixture of employees' desires and Company's requirements. Against availability of positions out of attritions, filling up have been made both from upgradation of existing employees as also recruitment of deserving and experienced candidates to have a perfect blending to meet organizational goals.

In tune with the dynamic market scenario, a strategic training plan was put into operation following which 179 employees were imparted training focused on specific areas, besides standard on-the-job training procedures.

The Company has not lost a single working day on account of strike or lock-out during the year.

### **A) REPRESENTATION OF SC/ST AND DISABLED :**

The representation of SC, ST, OBC and Disabled persons in the overall employees strength continued to be maintained approximately at the same levels as reported during past years, barring some minor changes. The Company has witnessed improved representation of persons with Disabilities, especially in group 'C' and 'D' cadres.

The representation figures of aforesaid categories of employees of the Company are annexed in Annexure- III forming part of this annual report.

### **B) IMPLEMENTATION OF THE JUDGEMENTS/ORDERS OF THE CAT :**

The Company is yet to be notified by the Ministry of Law and Justice for coverage under the jurisdiction of Central Administrative Tribunal as an alternative judicial procedure for redressal of disputes. Accordingly related judgements of various courts are being implemented.



### **C) PROGRESSIVE USE OF HINDI :**

All possible efforts are made by the Company's Hindi Implementation Committee to comply with the Government Directives regarding "Progressive Use of Hindi" and to enhance awareness of employees regarding its use in the daily workings of the Company. To review and monitor the progress achieved in this regard, OLIC Meetings are held in each quarter. Regular Hindi Classes are conducted in the Company's premises to impart knowledge of Hindi to these non-Hindi knowing employees. So far 269 employees have already passed the Hindi 'Pragya' Examination upto November, 2010. 'Cash Awards' and 'Personal Pay' are granted to the employees for passing the Hindi Examinations as per Government Directives. "Rajbhasha Pakhwada" was observed from 14<sup>th</sup> to 28<sup>th</sup> September, 2010 and various Hindi Programmes/Competitions etc. were organized during the 'Pakhwada'. To create interest amongst employees, one Hindi word/phrase with its English equivalent is written on White Boards and displayed at prominent places in the office premises.

Company was awarded with the "Rajbhasha Shield" Puraskar by the Calcutta Town OLIC, Government of India, in its "Half-Yearly Meeting-cum-Rajbhasha Protsahan Puraskar Vitaran Samaroh", held on 24-08-2010 and "FIRST" Prize by the 'Kendriya Sachivalaya Hindi Parishad' in its "Annual Hindi Conference" held on 03-12-2010 respectively for better implementation of Hindi in the company.

### **4.0 HEALTH, SAFETY, ENVIRONMENT MANAGEMENT AND POLLUTION CONTROL :**

Your Company has strong Health, Safety and Environmental policies. The policies ensure that the plants are operated with utmost care and no hazards or mishaps take place and are carried out complying with applicable Laws and Rules. Internal Audits and management reviews are undertaken regularly to identify if improvements are required to be undertaken.

### **5.0 CSR ACTIVITIES :**

CSR activities as per new DPE Guidelines issued in April,2010 commenced from the month of October 2010 under the nomenclature of B&R Vishwakarma Scheme of Skill Development for the benefit of unemployed, uneducated and distressed youths of the Community. The implementing agencies viz Ramkrishna Mission Shilpamandira Community Training Centre (RKMSCTC) & Don Bosco Self Employment Research Institute (DBSERI) were selected and Company entered into Memorandum of Understanding with them conforming to all the norms of the new guidelines.

RKMSCTC have started implementing B&R Vishwakarma Scheme of Skill Development from the month of December 2010 & imparted training to 22 youth in the field of Electrical-16 youth & Machinist-6 youth and DBSERI started implementing for 20 youth from the month of January 2010 in the field of Wiring & Motor Winding-10 youth, Welding & Fabrication-10 youth. In the financial year 2010-11 caters to a total of 42 youth for training under CSR, who have now reportedly achieved somewhat better livelihood in various fields of society.

### **6.0 CORPORATE GOVERNANCE :**

Corporate Governance report is annexed and forms part of this report.

### **7.0 AUDIT COMMITTEE :**

The Board of Directors reconstituted the Audit Committee in October 2010 consequent upon appointment of Shri G.S.Gill as Part-time Non-Official Director of the Company with effect from 08.10.2010 pursuant to Order No. 3(12)/2008-PE.IV dated 9<sup>th</sup> September, 2010 received from the Ministry of Heavy Industries and Public Enterprises (Department of Heavy Industry), Government of India. Shri G.S.Gill was appointed the Chairman of the Audit Committee.

Four meetings of the Audit Committee were held during the Financial Year 2010-11.

In April 2011, the Audit Committee was further reconstituted on appointment of Shri D.Jana as Part-time Official Director of the Company with effect from 26.04.2011 vice Shri R.P.Goel, comprising of the following available members Shri Mukesh Jha, Chairman-cum-Managing Director, Shri G.S.Gill, Director and Shri D.Jana, Director. Shri C.Choudhuri, Director(Finance) was the permanent invitee in the Audit Committee meeting.

## 8.0 DIRECTORS' RESPONSIBILITY STATEMENT :

Pursuant to Section 217(2AA) of the Companies Act, 1956, the Directors state as follows :

1.	That in the preparation of the Annual accounts for the financial year ended March, 31 <sup>st</sup> , 2011, the applicable accounting standards had been followed along with proper explanation relating to material departures;
2.	That they had selected such accounting policies and applied them consistently and made judgments and estimates that are reasonable and prudent so as to give a true and fair view of the state of affairs of the Company at the end of the financial year and of the profit or loss of the Company for that period;
3.	That they had taken proper and sufficient care for the maintenance of adequate accounting records in accordance with the provisions of this Act for safeguarding the assets of the Company and for preventing and detecting frauds and other irregularities;
4.	That they had prepared the annual accounts on a going concern basis.

## 9.0 INTERNAL CONTROL SYSTEMS AND THEIR ADEQUACY :

The Company has established adequate internal control systems in respect of major areas of operations with regard to all the sites of the company under execution. Such controls are aimed at promoting operational efficiencies, achieving savings in cost and overhead in respective business operations.

The Company is in the process of implementation of ERP system, unique business process integration software from Oracle in a phased manner.



Two Lane Expressway with Service Roads at Dankuni for PWD, West Bengal



National University of Juridical Sciences, Kolkata



## 10.0 DIRECTORS :

Pursuant to Order No. 3(4)/2004-PE.IV dated 13.12.2010 received from Ministry of Heavy Industries & Public Enterprises, Department of Heavy Industry, Government of India, New Delhi, the additional charge of the post of Director (Project Management) of the company held by Shri Mukesh Jha had been further extended for a period of two months with effect from 29.11.2010, till the regular incumbent joins, or until further orders, whichever is the earliest.

Pursuant to Order No. 3(12)/2008-PE.IV dated 9<sup>th</sup> September, 2010 received from the Ministry of Heavy Industries & Public Enterprises, Department of Heavy Industry, Government of India, Shri G.S.Gill was appointed as Part-time Non-official Director on the Board for a period of 3 years with effect from the date of assumption of the charge of the post, or until further orders, whichever is earlier. Shri G.S.Gill assumed his charge as Director with effect from 08.10.2010.

Pursuant to Order No. 7(3)/1998-PE.IV dated 26<sup>th</sup> April 2011 received from Ministry of Heavy Industries & Public Enterprises, Department of Heavy Industry, Government of India, New Delhi, Shri D.Jana was appointed as Part-time Official Director on the Board of the Company with effect from 26.04.2011 vice Shri R.P.Goel.

Pursuant to Order No.3(4)/2010-PE-IV dated 21.07.2011 received from Ministry of Heavy Industries & Public Enterprises, Department of Heavy Industry, Government of India, New Delhi, Shri M.K.Singh was appointed as Director (Project Management) of the Company and has taken charge with effect from July 22<sup>nd</sup>, 2011 (FN).

## 11.0 MEMORANDUM OF UNDERSTANDING WITH GOVERNMENT OF INDIA :

Bridge & Roof Co.(I) Ltd. was given an 'EXCELLENT RATING' with a MOU Composite Score of 1.46 for the year 2009-10 based on Audited data as per O.M No. 3(1)/2011-DPE (MOU) dated 11.03.2011 received from the Ministry of Heavy Industries and Public Enterprises, Department of Public Enterprises, MOU Division. The Company expects 'Excellent' rating again in the current year with improved performance during 2010-11.

## 12.0 VIGILANCE :

Vigilance department under the guidance of Chief Vigilance Officer has strived to emphasize in its activities an environment of proactive vigilance, the importance of transparency and adherence to systems and procedures as per the norms prescribed by CVC, DPE and DOPT from time to time keeping in view, the ever changing environment of the construction industry in mind. The emphasis has been more on preventive vigilance rather than mere fault finding in acts and omissions arising out of commercial decision making.

## 13.0 STATUTORY AUDITORS :

The Government of India appointed M/s. R.Kothari & Co., Chartered Accountants, Kolkata and M/s. Basu,Banerjee & Co., Chartered Accountants, Kolkata as Statutory Auditors of the Company for the Accounting Year 2010-2011 under Section 619(2) of the Companies Act, 1956.

## 14.0 ACKNOWLEDGMENT :

The Board takes this opportunity to express its deep sense of appreciation and gratitude for the support, guidance and assistance received from the Department of Heavy Industry, the Ministry of Heavy Industries & Public Enterprises, State Government, Bankers, valued clients, customers, Comptroller & Auditor General of India and above all to the employees for their dedication and commitment. The Directors are confident of receiving their support and co-operation in the coming years.

For and on behalf of the Board of Directors

Dated :29th August, 2011, Kolkata

Sgd/(MUKESH JHA)  
CHAIRMAN-CUM-MANAGING DIRECTOR

**ANNEXURE TO THE DIRECTOR'S REPORT  
FORM 'B'**

**ANNEXURE I**

**RESEARCH, DEVELOPMENT AND DIVERSIFICATION YEAR 2010-2011**

**1. Specific areas where Research, Development and Diversification was carried out :-**

- a) Manufacture of Railway Wagons.
- b) Main Boiler Work in Thermal Power Station.
- c) Furnace and Heaters.
- d) Manufacture of POT Shells.

**2. Benefits derived as a result of Research, Development and Diversification :-**

- a) Receiving Order for Furnace and Heaters.
- b) Receiving Order for Main Boiler Work.
- c) Receiving Order for different types of Wagons.

**3. Future R&D Plan :-**

- a) Optimisation of Material Handling Devices in Sites.
- b) Long Term (Say, 10 years) R&D Plan for Projects as well as Howrah Works.
- c) Manufacture of Pressure & non-pressure Vessels.
- d) Fire Fighting System.
- e) Modernisation of Steel Plants.
- f) Flyover Construction.
- g) Pumped Storage/Hydel Projects.
- h) Construction of more than 90,000 K.litres dia floating roof tank.
- i) Construction of mounded bullet for LPG storage.

**4. Expenditure in R&D in 2010-2011 :-**

Capital : ₹ NIL  
 Revenue : ₹ 11,45,907/-  
 TOTAL : ₹ 11,45,907/-

**5. Technology Absorption and Adaptation :-**

Residual Design and Detail Engineering for EURO-IV Heater LSTK Project	Our Engg. Associate <b>STRUCTO-MECH CONSULTANTS</b>	Technology Absorption is in progress.
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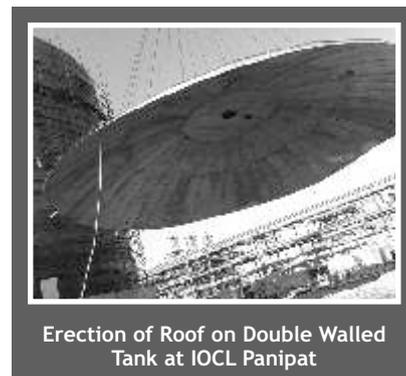
**FORM 'C'**

**FOREIGN EXCHANGE EARNINGS AND OUTGO**

- 1. Total Foreign Exchange used : ₹ 12.23 Crores
- 2. Total Foreign Exchange earned: ₹ 10.54 Crores



Group Gathering Station on Turnkey Basis at ONGC Gandhar



Erection of Roof on Double Walled Tank at IOCL Panipat



Construction of Blending Silo at Cement Plant for Penden Cement Authority Ltd. at Gomtu, Bhutan

## REPORT ON ENERGY UTILISATION

## ANNEXURE II

### 1. Name of the PSE : BRIDGE & ROOF COMPANY (INDIA) LIMITED

### 2. Products / Services of the PSE : Fabrication / Manufacture of the following products based on the clients design and drawing with necessary approval.

- i) Wagon / Structural ( Bunk House / Freight Container / Bridge Girder).
- ii) Bailey Bridge

### 3. Utilisation (Expenditure) of different forms of Energy & turnover during the last three years (Electricity, Diesel, Natural Gas - give details of each)

Sl. No.	Forms of Energy	2010-2011			2009-2010		
		Energy Expenditure (₹ /Lakh)	Turnover (₹ /Lakh)	%	Energy Expenditure (₹ /Lakh)	Turnover (₹ /Lakh)	%
1	Electricity	126.28	6239	2.02	111.64	5200	2.15
2	HSD	1.855		0.03	30.16		0.58
3	L.P.G.	9.141		0.15	6.88		0.13
	TOTAL	137.27		2.20	148.68		2.86

### 4. Details of Energy audit, if undertaken :

- a) When (Year) and by which agency : In the year 2010 - 2011, by SUPERINTENDENCE COMPANY OF INDIA (P) LTD. PLOT NO Y-23, BLOCK-EP, SECTOR-V SALT LAKE, KOLKATA - 700 091
- b) Amount paid for energy audit : ₹ 26700/-
- c) Did the energy audit cover entire PSE i.e. all units OR only part. If part, give details : Audit covers entire Howrah Workshop
- d) Total No. of recommendations given : There are 6 nos. of recommendations
- e) Specific recommendations of the energy audit and action taken thereon : Recommendations given and actions reported

### 5. Steps / measures already been taken for the year 2010-11 against earlier recommendations:-

- i) Power Factor improvement
- ii) Revision of Maximum Demand
- iii) Normal billing instead of T.O.D
- iv) Conversion of 500W / 250W HPMV / HAL into 28W T-5 fixtures.
- v) Air leak management for compressors
- vi) Energy saving with LED lamps

**ANNEXURE-III**

Groups	NUMBER OF EMPLOYEES										Number of appointments made during the previous calendar year									
	By Direct Recruitment					By Promotion					By other Methods									
	Total	SCs	STs	OBCs	Total	SCs	STs	OBCs	Total	SCs	STs	Total	SCs	STs						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15						
Group-A	642	88	4	35	2	-	-	-	59	14	-	-	-	-						
Group-B	163	26	-	7	12	3	-	2	16	-	-	-	-	-						
Group-C	470	27	1	13	4	1	-	-	40	4	1	1	-	-						
Group-D (Excluding Sweepers)	273	27	3	9	15	2	-	1	81	8	2	3	-	-						
Group-D (Sweepers)	9	9	-	-	-	-	-	-	-	-	-	-	-	-						
<b>TOTAL</b>	<b>1557</b>	<b>177</b>	<b>8</b>	<b>64</b>	<b>33</b>	<b>6</b>	<b>-</b>	<b>3</b>	<b>196</b>	<b>26</b>	<b>3</b>	<b>4*</b>	<b>-</b>	<b>-</b>						

\*Absorbed on closure of erstwhile holding Company i.e. BYN (CPSE).

