



# **Investor Presentation Annual Results: FY 13-14**

23<sup>rd</sup> May 2014

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### **Overview of Engineers India Limited ("EIL")**



### **Company Background**



- One of India's leading engineering consultancy and EPC companies
- Nearly five decades of experience on landmark projects with global energy majors
- Significant track record across entire oil & gas value chain including 10 green-field refineries, 39 oil & gas processing plants, 40 offshore process platforms, 42 pipelines and 7 petrochemical complexes
- Focused diversification into other sectors:
  - Fertilizer and LNG
  - Non-ferrous metallurgy
  - ♥ Infrastructure
  - ⋄ Strategic crude oil storage
  - Nuclear and solar energy
  - ♥ E&P
- Over 2,890 highly experienced professionals and technical workforce
- In-house and collaborative R&D support with 14 registered patents
- Expanding overseas presence in MENA and South East Asia
- Zero debt firm with track record of healthy earnings and consistent dividend payout

#### **Marquee Projects**







Bina Refinery





Panipat Naphtha Cracker Unit



Guru Gobind Singh Refinery, Bathinda





### **Evolution & Key Milestones**



- Wholly owned Government of India (GoI) company

1967

- Commenced first international assignment
  - Entered

1969

- ♥ Fertilizer sector
- ♦ Non-ferrous metallurgical sector

1970-72

- Expansion in Hydrocarbons value chain
  - Offshore
  - **Pipelines**
  - Onshore oil and gas

Diversified into Infrastructure





2001

2006

 Commenced services in subsurface crude storages



2010

2011

- Entered into PSC with Gol for exploration (NELP IX)
- Overseas expansion in fertilizer

 Incorporated pursuant to a formation agreement between Gol and Bechtel

1965

- Commenced work in the refineries segment
- Expansion to Petrochem with IPCL (now Reliance Industries Ltd)



 R&D centre in Gurgaon

1989

1975-78

- Listed on the BSE and NSE
- Accorded the Mini Ratna status



1997

- Special interim dividend of 1000%
- Successful FPO of 3.36 Cr shares of Rs. 5 each
- Diversification into nuclear and solar Energy sector

2012 -13

 JV in Saudi Arabia

### **Lines of Business**



#### Oil & Gas



Oil and Gas Processing Offshore & Onshore



Refinery



Strategic Storage, Terminals and Pipelines

#### **Chemicals & Metallurgy**



**Petrochemicals** 



**Fertilizer** 



Mining and Metallurgy

#### Infrastructure



**City Gas** 



Urban Development



Water and Waste Management

#### Power



Solar



**Thermal** 



**Nuclear** 

### **Service Offering - From Concept to Commissioning**



#### **Process Design**

- Pre-feasibility studies
- Technology and licensor selection
- Conceptual design & feasibility
- Process design package

#### **Engineering**

- Residual engineering and FEED
- Detailed engineering
  - Engineering for procurement
  - Engineering for construction

#### **Procurement**

- Supplier and contractor management
- Expediting and inspection
- Vendor development

### -

#### **Project Management**

 Integrated project management services with focus on cost, quality and schedule

#### Commissioning

- Pre-commissioning and commissioning assistance
- Safety audit
- Hazard and operability studies
- Risk analysis

#### **Construction Management**

- Materials and warehouse management
- Quality assurance and health, safety & environment
- Progress monitoring/ Scheduling
- Mechanical completion
- Site closure



#### Specialized Services

- Environment engineering
- Heat and mass transfer
- Plant operations and safety management
- Specialist materials and maintenance services



### Certification

- Certification and re-certification services
- EIL subsidiary Certification Engineers
   International Limited (CEIL)
- Third party inspection

### **Service Offering - Modes of Contracts Managed**



#### **Consultancy Contracts**



Engineering,
Procurement and
Construction
Management
(EPCM)

 Services related to process design, detailed engineering, procurement, construction supervision through coordination of various suppliers and contractors and commissioning and pre-commissioning assistance Front-end
Engineering &
Design (FEED)

Project
Management
Consultancy
(PMC)

Upstream process design, residual basic design and front-end basic engineering for complete definition of scope for selection of EPC contractor

 Comprehensive project management Services for the implementation of a project through EPC contractors

#### **Turnkey Contracts**



- Fixed price contracts for Engineering, Procurement And Construction (EPC)
- Single-point responsibility for completion of a project within the agreed schedule at the awarded turnkey price
- Changes in scope of work are defined by change orders agreed by both parties



Cost plus contracts contract with a provision for conversion to LSTK

#### Wide spectrum of service offerings

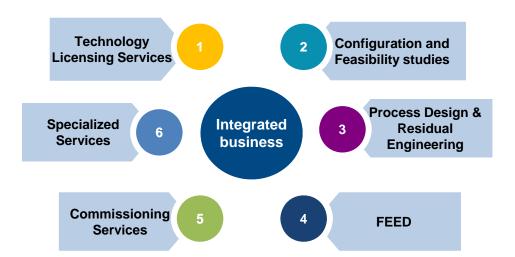
### **Technology Driven Services**



#### Comprehensive technology related offering

State of the art R&D centre at Gurgaon ...

...technology driven full range of services...



#### **Technology driven organisation**



EIL has developed over 30 process technologies for the oil and gas processing, refineries and petrochemical industries



Currently holds 14 live patents and has 15 pending patent applications relating to various process technologies



Comprehensive environment engineering services



Comprehensive Hazop, Hazan, Risk and consequence analysis services





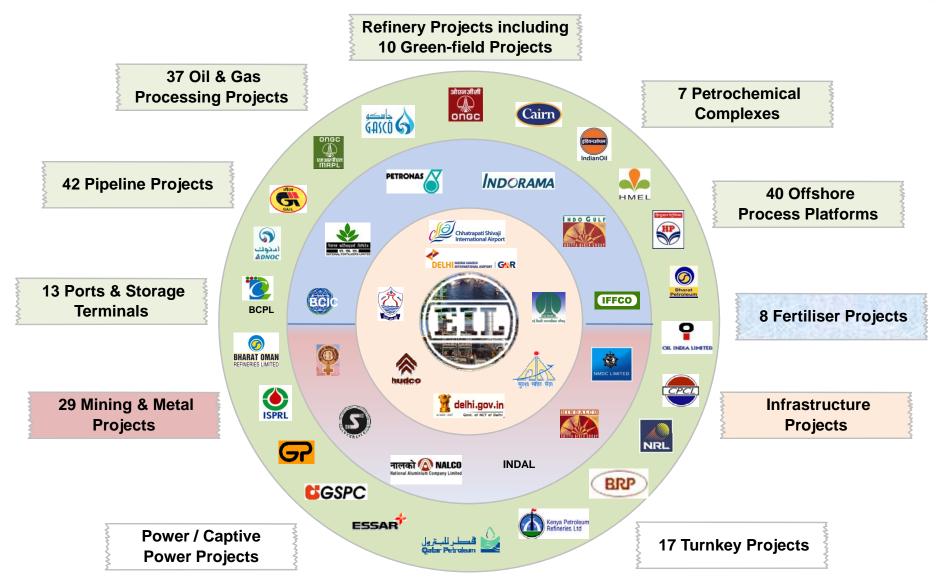


### **Track record and Credentials**



### **Extensive Track Record and Strong Client Relationships**





#### Presence Across the Oil & Gas Value Chain



#### Offshore Oil & Gas

# Oil & Gas Transportation

#### Onshore Oil & Gas

#### Refineries

## Storage, Ports & Terminals



- Over 150 Well
  Platforms and 30
  Process Platforms for
  ONGC\*
- Offshore Platform
   Projects for the Deen
   Dayal Field
   Development Project of
   GSPC East Coast,
   India
- International Projects in Qatar, UAE
- Oil & Gas Exploration under NELP IX



- HBJ pipeline India's largest Gas Pipeline Network
- Jamnagar-Loni LPG
   Pipeline of GAIL (one of the world's longest)
- Strategic Pipelines for HPCL, BPCL, BORL, IOCL, HMEL, TAKREER\*, ADNOC\*, NPCC\*



- Gas Processing
   Complexes at Hazira
   and Uran and the
   C2/C3 and LPG
   recovery units
- Gas Processing Complex of GSPC at Kakinada, India
- International Projects in Algeria and UAE



- Refinery projects
   aggregating over 150
   MMTPA
- 10 Grass-root Refinery Projects in India
- Algiers and Skikda Refineries of SONATRACH, Algeria
- Services for refinery majors in MENA region like KNPC\*, ORPC\*, KPRL, BAPCO\*



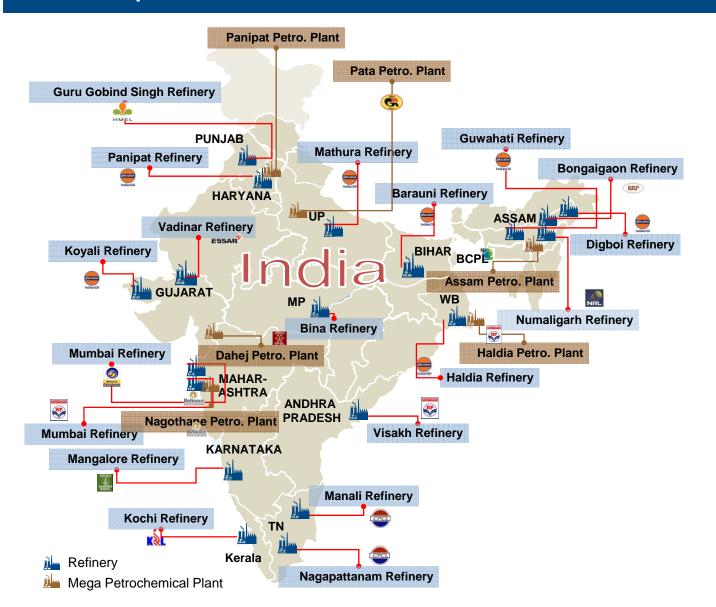
- Storage of Crude Oil in Underground Caverns security initiative for Strategic Crude Oil Storage as part of the Integrated Energy Policy of Gol
- LNG Terminals regasification and downstream infra facilities for Petronet LNG, RGPPL\*, Shell and SONATRACH

Nearly five decades of experience in the Hydrocarbon space with a presence across the entire value chain

<sup>\*</sup> ONGC – Oil and Natural Gas Corporation Limited; TAKREER - Abu Dhabi Oil Refining Company; ADNOC - Abu Dhabi for Abu Dhabi National Oil Company; NPCC - National Petroleum Construction Company, Abu Dhabi; KNPC - Kuwait National Petroleum Corporation; ORPC - Oman Refineries and Petrochemicals Limited; BAPCO - Bahrain Petroleum Company; RGPPL - Ratnagiri Gas and Power Private limited

### Leadership Position in Refineries & Petrochemicals in India





#### **Milestones**

- 19 out of 22 Refineries in India have EIL Footprints
- Worked on a combined refining capacity of more than 150 MMTPA (3 million BPD) in India
- Engineered 10 grass-root refineries
- Involved in the establishment of 7 out of the 8 mega petrochemical complexes in India
- Currently executing two green field and one brown field expansion project
- Forayed into new areas such as underground caverns for storages

### **Diverse Portfolio of high growth sectors**



#### **Petrochemicals**

#### **Fertilizers**

#### Mining & Metallurgy

#### Infrastructure

#### **Power**



- 7 out of the 8 mega Petrochemical Complexes in India
- Large petrochemical clients like GAIL, IOCL, IPCL\* (now RIL), OPaL\*, BCPL\* and others
- Petrochemical projects in Middle East region for Kuwait Aromatics Company and BOROUGE



- Fertilizer complexes at Phulpur, Bhatinda, Panipat, Bharuch
- Ammonia plants at Kalol, Taloja
- Ammonia Urea complex at Nigeria for Indorama
- ShahJalal fertilizer project at Bangladesh for BCIC
- Focus on Naphtha/ Gas based fertilizer plants



- 29 large Non-ferrous Metallurgical Projects of Alumina, Aluminum, Copper, Zinc, Lead Titanium, Cadmium, Mica, Rock Phosphate, Graphite, Fluorspar, Limestone, and Lignite
- Large clients include NALCO\*, INDAL\*, HINDALCO, Sterlite, HZL\*, NMDC\*, HCL\*, JSWAL\*, GMDC\*



- Modernization and redevelopment of Delhi & Mumbai airports
- Interceptor sewers for abatement of pollution in river Yamuna for Delhi Jal Board
- Focus on water, waste management and urban development
- Development and operation of new city gas distribution projects



- Thermal power plants for GAIL, OPGC\* and Reliance Power (RPL)
- Nuclear power plants for NPCIL\* and NFC\*
- Solar thermal power project of RPL
- Thermal Focus on consultancy services for balance of plant
- Nuclear Target strategic engineering consultancy opportunities; pursue collaborations with technology providers

#### Establishing strong foothold across emerging sectors

<sup>\*</sup> IPCL - Indian Petrochemicals Corporation Limited; OPaL - ONGC Petro-additions Limited; BCPL - Brahmaputra Cracker and Polymer Limited; NALCO - National Aluminium Company Limited; INDAL - Indian Aluminium Company Limited; HZL - Hindustan Zinc Limited; NMDC - National Mineral Development Corporation Limited; HCL - Hindustan Copper Limited; JSWAL - JSW Aluminum Limited; GMDC - Gujarat Mineral Development Corporation Limited; OPGC - Orissa Power Gas Company; NPCIL - Nuclear Power Corporation Limited; NFC - Nuclear Fuel Complex

### **Increased Focus in Overseas Geographies**



Sector	Country	Client		
Oil & gas processing	UAE	NPCC, ADCO		
Oil & gas processing	Vietnam	Petro-vietnam		
Pipelines	UAE	GASCO, TAKREER, NPCC, ADNOC		

Sector	Country	Client
LNG	Algeria	Sonatrach
Petrochemicals	UAE	BOROUGE, EQUATE
Petrochemicals	Malaysia	M/s Vinyl Chloride (Malaysia) sdn. Bhd



Sector	Country	Client			
Refinery	Algeria	Sonatrach (Formerly NAFTEC)			
Refinery	Oman	Sohar			
Refinery	Kuwait	KNPC			
Refinery	Indonesia	WIKA			
Refinery	Kenya	KPRL			

Sector	Country	Client
Fertilizers	Nigeria	Indo Rama
Fertilizers	Bangladesh	BCIC
Fertilizers	Malaysia	Petronas Fertilizer (Kedah) Sdn. Bhd.
Non Ferrous	Bahrain	ALBA

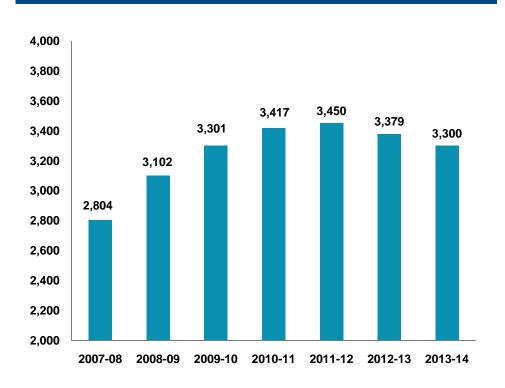
JV: "JABAL EILIOT" in Kingdom of Saudi Arabia

WOS: "EILAP" in Malaysia

### **Qualified and Motivated Employee Team**



#### **Growing manpower despite difficult market conditions**



■ Total Employees

#### Focus to retain manpower and encourage loyalty

- Key personnel policies in place to recruit talented employees and facilitate integration into EIL, encourage skill development and enhance their professional excellence
- ☑ Focused leadership development program
- Attractive pay package
- ☑ Performance-linked variable pay structure
- Harmonious industrial relations
- ☑ 98% located in India, balance located overseas

Employee centric HR policies reflected in lower attrition over years



EIL's HR initiatives and brand have enabled it to hire and retain skilled talent pool



### **Experienced Board and Leadership Team: Executive Directors**





Ashok K. Purwaha Chairman & Managing Director

- More than 36 years of experience in the hydrocarbon sector
- Served with ONGC (more than 8 years) and with GAIL India Limited for over 24 years, last position held was as Director (Business Development) on board of GAIL
- Led Mahanagar Gas Limited, Mumbai (a JV of GAIL India Limited and BG Group, UK) as MD for 5 years



Ram Singh Director (Finance)

- 32 years of experience in finance and cost accounting
- Held positions with SAIL, BPCL, Petroleum Planning and Analysis Cell of MoP&NG, and the Oil Coordination Committee
- Conferred with Business Today Best CFO of a PSU (Mid size) Award-2013 and India CFO Award for Excellence in Risk Management by IMA India



**Deepak Moudgil** *Director (Projects)* 

- Over 38 years of experience in construction and projects
- Successfully led EIL's diversification into infrastructure sector
- He has worked in various departments of EIL, including construction, administration, marketing and projects



Sanjay Gupta Director (Commercial)

- 33 years of experience in implementation of mega projects in refineries, pipelines and petrochemicals
- Successfully implemented LSTK Project for PFCCU Project at MRPL
- He has been entrusted the task of leadership for formulation of the strategy group responsible for EPC initiatives as well as business growth initiatives within the Company in the past couple of years



Veena Swarup
Director (HR)

- 30 years of experience in Human Resource management in the petroleum and natural gas sector
- Prior to joining the Company, Ms. Swarup was with ONGC since 1983, where she headed the Performance Management and Benchmarking Group, which steers the performance contracts and service level agreements between board level and unit chiefs
- Headed the SAP-HR Project for ONGC



Ajay N Deshpande Director (Technical)

- 33 years of experience in EIL spanning Oil & Gas, Refining & Petrochemicals segments
- He has co-authored a total of four patent applications on behalf of the research and development of the Company
- Currently responsible for functioning of Divisions in the Technical Directorate of EIL

### **Experienced Board and Leadership Team: Non-Executive Directors**





Dr. Archana Saharya Mathur Nominee Director

- Government director nominated by MoPNG
- Joined the Indian Economic Service in 1982
- During 30 years in the government service, served in various economic ministries of the Government of India



Aditya Jain Independent Director

- Chairman and editorial director of IMA India, a business information company established in 1994
- Advisor to several MNCs on India strategy
- Successfully handled assignments in public policy, entry strategy planning, location audits, competitor analysis, scenario planning and JVs



Bijoy Chatterjee Independent Director

- Served as Secretary/Additional Chief Secretary/Principal Secretary of several departments in the Government of West Bengal
- Served as Joint Secretary, Cabinet Secretariat, Government of India and supervised work relating to the departments of personnel and training, agriculture, feed and public distribution, consumer affairs, environment and forests, finance, commerce, industry, law and chemicals & fertilizers
- Served as the managing director of the WBPDCL and as chairman of the WBTDCL



**Dr. J. P. Gupta** *Independent Director* 

- Published/presented over 120 research papers and authored/edited 4 books
- Received awards from the Institution of Chemical Engineers (U.K.) and the Indian Institute of Chemical Engineers
- Currently serving as an ex-offico Member of the Board of Governors, Rajiv Gandhi Institute of Petroleum Technology, Rae Bareli



Dr. R. K. Shevgaonkar Independent Director

- Worked as Vice Chancellor of University of Pune and presently holding the post of Director of IIT Delhi
- He has been a visiting professor at University of Lincoln, USA; ETH, 153 Zurich, Switzerland; and ISEP Paris, France
- Has published more than 150 papers in international journals and conferences

### **Experienced Board and Leadership Team: Non-Executive Directors**





Dr. Christy Leon Fernandez Independent Director

- 39 years of work experience in the Indian administrative sector, including ten years in positions of a joint secretary and above in the Government of India and Government of Gujarat
- Handled the administrative divisions in the central ministries, dealing with several maharatna, navratna and mini ratna companies such as IOCL, HPCL, BPCL, MMTC, EPCGC, ITDC, GSFCL, etc



Mr. Dhani Ram Meena Independent Director

- 32 years of experience and has been associated with the legal service in the Ministry of Law and Justice (Department of Legal Affairs)
- Served as the union law secretary, monitoring the functioning of the department of legal affairs and functioned as an arbitrator and appellate authority and disposed of more than 200 cases as the law secretary



Dr. Vizia Saradhi Vakkalanka Venkateshwar Independent Director

- Over 37 years of experience
- Previously worked with Hindustan Petroleum Corporation Limited and held various positions of responsibilities in the organization
- Presently is a senior advisor to the University of Petroleum and Energy Studies, Uttarakhand

EIL's Board of Directors comprise of qualified & reputed individuals with long-standing experience across industry verticals

### **Awards and Accolades (2010-13)**



#### PMI Award-2012

Guru Gobind Singh Refinery project, Bathinda of HPCL-Mittal Energy Limited (HMEL)

#### PMI Award-2010

Bina Refinery project of Bharat Oman Refineries (BORL)

#### Best Project under 4th CIDC Vishwakarma Awards

Euro-IV Upgradation project of Chennai Petroleum Corporation Limited (CPCL)

#### **Business Standard Star PSU of the year 2010 Award**

Shri A K Purwaha, C&MD, EIL received the award from Hon'ble Prime Minister of India, Dr. Manmohan Singh

#### Petrotech-2012 Special Technical Award in Greening of Oil and Gas Business Category

 India's first Indigenous Diesel Hydro-treating (DHDT) Technology unit jointly developed with IOCL and implemented in Bongaigaon Refinery

#### Petrotech-2012 Special Technical Award in Project Management Category

Guru Gobind Singh Refinery Project, Bathinda of HMEL

#### **Commendation Certificate of SCOPE Meritorious Award in Specialized Fields**

R&D, Technology Development and Innovation for 2011-12

#### **Golden Peacock Award 2013**

Golden Peacock award for sustainability

#### Golden Peacock Award 2012

Special Commendation for the Golden Peacock Occupational Health & Safety Award

#### ICC PSE Excellence Award 2013

• For R&D, Technology Development & Innovation











### Awards and Accolades (2010-13)



#### **BT Star PSU Excellence Award 2012**

• Excellence in Human Resource Management

#### **IPE CSR Award**

Best practices in Corporate Social Responsibility in 2012-13

#### Performance Excellence Award from Indian Institution of Industrial Engineering (IIIE)

Financial and Operational Strength for the year 2010-11

#### **SCOPE Excellence Award 2009-10**

Excellence and outstanding contribution to the Public Sector Management in Miniratna category

#### ICAI Award-2012 for Excellence in Cost Management Practices

 ICAI Award-2012 for Excellence in Cost Management Practices - 1st prize in the category of Public - Service Sector – Large

#### 12th ICSI National Award 2012

Excellence in Corporate Governance

#### **SKOCH Order of Merit Award**

 Innovative Technology on 'Oxyenrich Process for Capacity Enhancement & Trouble Free Operation of Claus Sulphur Plant'

#### FICCI Chemical and Petrochemical Awards 2013

Process Innovator of the Year in Petrochemicals for 'Food Grade Hexane (FGH)' Technology jointly developed by EIL & IOCL and Best Contribution to Academia for 'Wet Air Oxidation (WAO)' Technology jointly developed by EIL & IIT Roorkee.

#### Indian Chamber of Commerce PSE Excellence Award 2011

R&D, Technology Development & Innovation















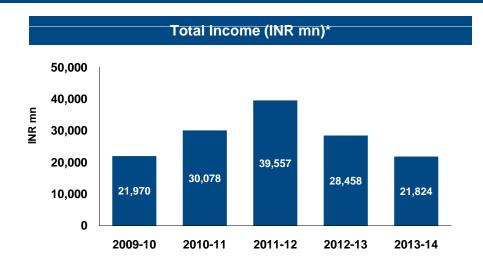


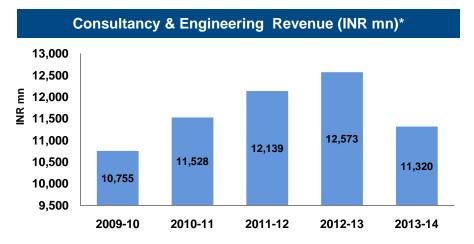


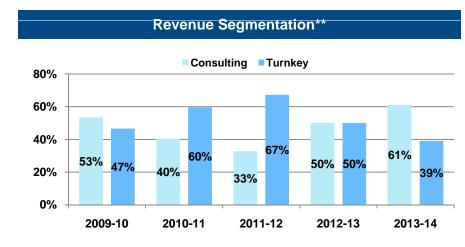
### **Financials and Order Book Overview**



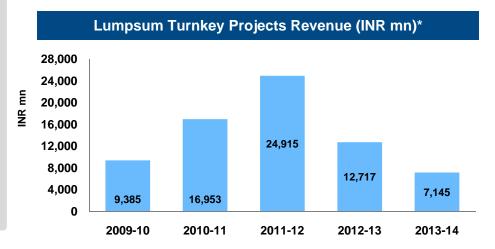








<sup>\*\*</sup> Revenue does not include Other Income

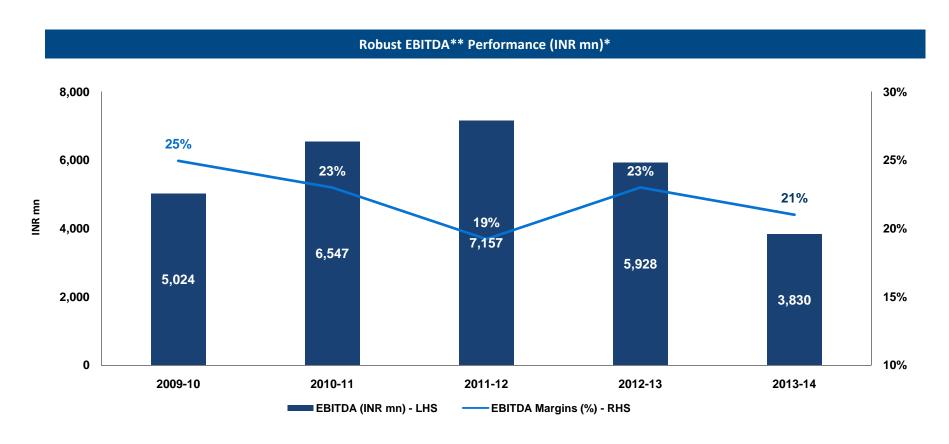


<sup>\*</sup> Note: All figures have been taken on a consolidated basis



Revenue fall mainly attributed to slowdown in LSTK segment





<sup>\*</sup> Note: All figures have been taken on a consolidated basis

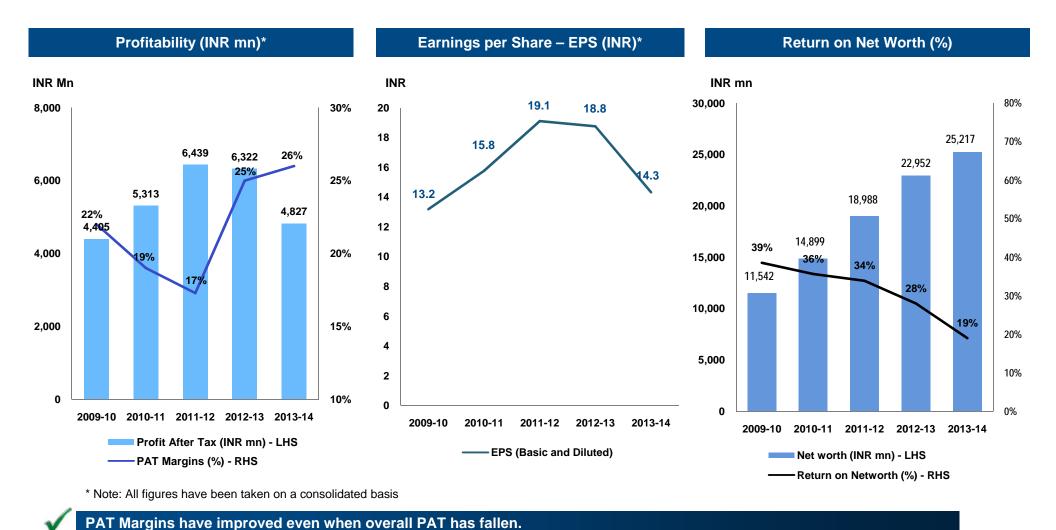
<sup>\*\*</sup> EBITDA: Earnings Before Interest, Tax, Depreciation and Amortization (does not include Other Income)



Fall in EBIDTA majorly on account of LSTK segment. EBIDTA mix sustained due to change in mix in favor of Consultancy



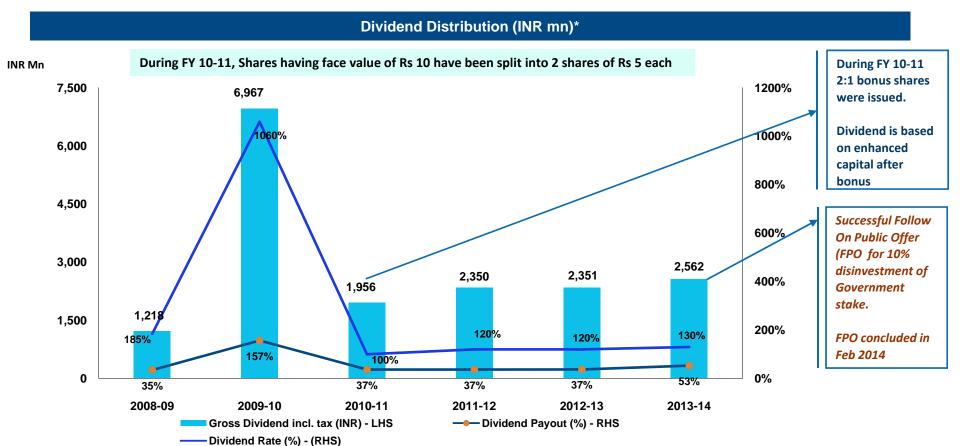






Overall growth in Net worth . Reduction in Net worth % due to fall in Profits





<sup>\*</sup> Note: All figures have been taken on a consolidated basis
Dividend Payout calculated as a percentage of Profit After Tax (PAT)
Dividend Rate calculated using net dividend (excluding dividend tax):



Consistent Dividend Track Record

### **Annual Performance Summary – Standalone**



Standalone Rs Mn

TURNOVER	2013-14	2012-13	2011-12	2010-11	2009-10	2008-09	2007-08
Consultancy	11,091	12,342	12,073	11,279	10,553	8,246	6,214
Turnkey	7,145	12,717	24,914	16,953	9,385	7,079	1,163
Consultancy + Turnkey	18,236	25,060	36,987	28,233	19,938	15,325	7,378
Other Income	3,360	3,164	2,321	1,604	1,837	2,215	1,356
Total Income	21,596	28,224	39,308	29,836	21,775	17,540	8,733

SEGMENT PROFITS	2013-14	2012-13	2011-12	2010-11	2009-10	2008-09	2007-08
Consultancy	3,880	5,271	5,108	4,866	4,242	2,999	2,078
Turnkey	403	1,105	2,452	1,956	920	310	144
Consultancy %	35%	43%	42%	43%	40%	36%	33%
Turnkey %	6%	9%	10%	12%	10%	4%	12%

PAT	2013-14	2012-13	2011-12	2010-11	2009-10	2008-09	2007-08
PAT	4798	6919	6363	5226	4356	3445	1946
PAT %	26%	28%	17%	19%	22%	22%	26%

### **Quarterly Performance Summary - Standalone**



Standalone Rs Mn FY: 13-14

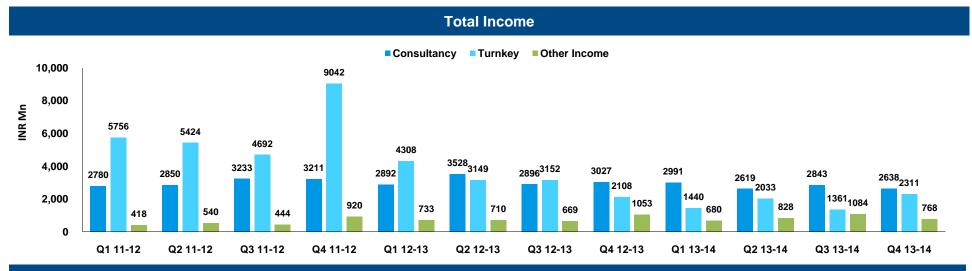
TURNOVER	Q1	Q2	Q3	Q4	H1	H2	9M	Annual
Consultancy – Domestic	2,650.5	2,300.0	2,469.7	2,270.6	4,950.4	4,740.3	7,420.2	9,690.7
Consultancy - Overseas	341.0	319.0	373.0	367.0	660.0	740.0	1,033.0	1,400.0
Consultancy Total	2,991.5	2,619.0	2,842.7	2,637.6	5,610.4	5,480.3	8,453.2	11,090.7
Turnkey	1,440.4	2,032.8	1,361.2	2,310.7	3,473.2	3,672.0	4,834.4	7,145.1
Consultancy + Turnkey	4,431.9	4,651.8	4,204.0	4,948.3	9,083.6	9,152.2	13,287.6	18,235.9
Other Income	680.3	828.2	1,083.6	767.9	1,508.5	1,851.5	2,592.1	3,360.0
Total Income	5,112.2	5,479.9	5,287.6	5,716.2	10,592.1	11,003.8	15,879.7	21,595.9

SEGMENT PROFIT	Q1	Q2	Q3	Q4	H1	H2	9M	Annual
Consultancy	1,172.5	904.8	1,046.2	757.0	2,077.3	1,803.2	3,123.5	3,880.5
Turnkey	103.0	137.9	67.4	95.0	240.9	162.4	308.3	403.3
Total	1,275.5	1,042.8	1,113.6	852.0	2,318.2	1,965.5	3,431.8	4,283.8

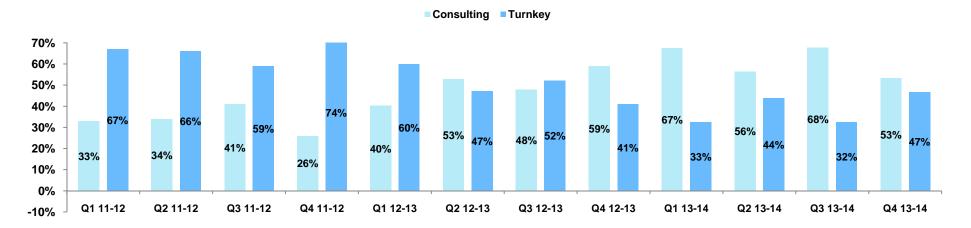
<sup>\*</sup> Note: All figures are on standalone basis and rounded off to nearest digit

### **Quarterly Performance Track Record - Standalone**





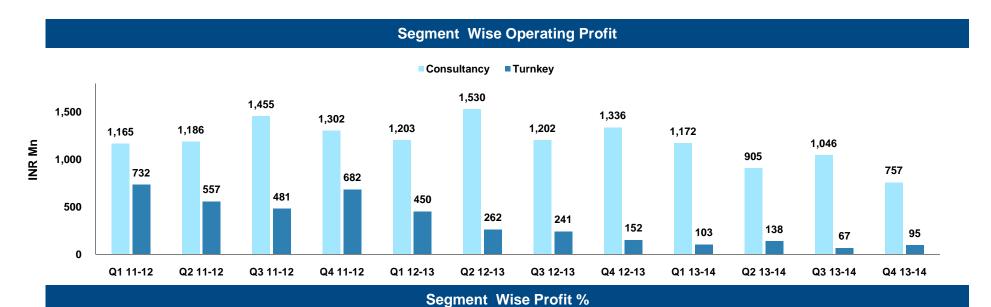
#### Revenue Mix (Consultancy Vs Turnkey)



Note: All figures have been taken on a standalone for EIL

### **Quarterly Performance Track Record – Standalone**





#### ■ Consulting ■ Turnkey 50% 40% 30% 45% 44% 43% 42% 42% 42% 42% 41% 20% 39% 37% 35% 29% 10% 10% 10% 8% 8% 7% **7**% **7**% 5% 0%

Q2 12-13

Q3 12-13

Q4 12-13

Q1 13-14

Q2 13-14

Q3 13-14

Q4 13-14

Note: All figures have been taken on a standalone for EIL

Q3 11-12

Q4 11-12

Q1 12-13

Q2 11-12

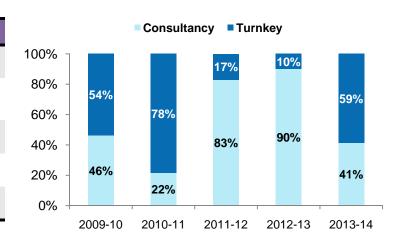
Q1 11-12

### **Business Secured and Order Book – Standalone**



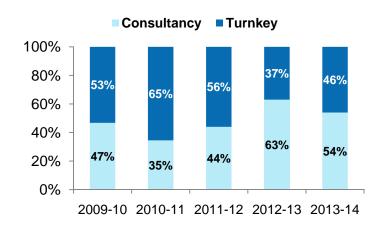
#### Rs Mn

Business Secured	FY 13-14	FY 12-13	FY 11-12	FY 10-11	FY 09-10
Consultancy (domestic)	4,073	11,573	5,072	8,364	6,337
Consultancy (overseas)*	696	1,386	1,217	362	706
Consultancy Total	4,768	12,959	6,289	8,726	7,043
Turnkey	6,779	1,425	1,297	31,821	8,175
Total Business secured	11,547	14,384	7,586	40,547	15,218



#### Rs Mn

Order Book	March 14	March 13	March 12	March 11	March 10
Consultancy *	15,717	21,012	20,062	25,840	29,158
Turnkey	13,391	12,163	25,421	49,003	33,210
Total Order Book	29,108	33,175	45,483	74,843	62,368
Consultancy %	54%	63%	44%	35%	47%
Turnkey %	46%	37%	56%	65%	53%



Note: Data on unconsolidated basis

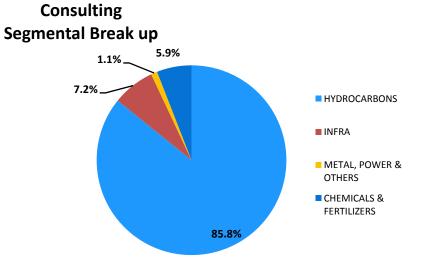


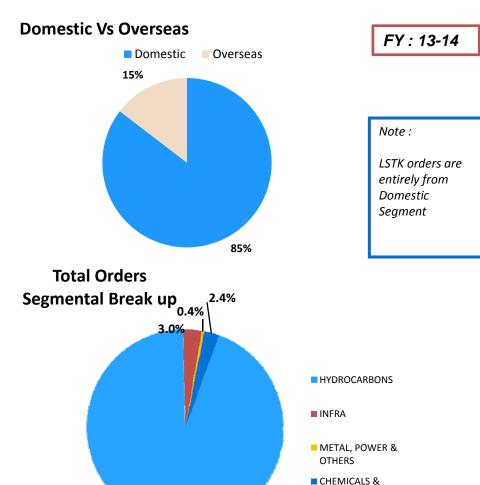
\* Does not include US\$ 139 Mn contract initialed with M/s Dangote Group for 20 Million Tone Refinery in Nigeria

### **Orders Secured Break up - Standalone**









**FERTILIZERS** 

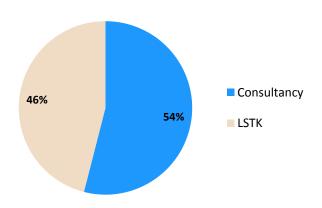
94.1%

Note: Data on unconsolidated basis

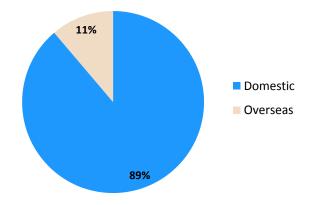
### Order Book Break up - Standalone



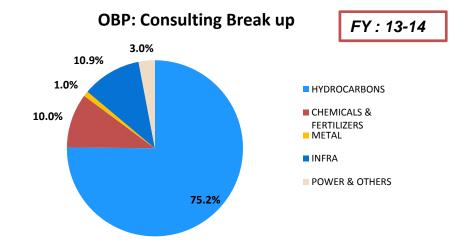
**OBP: Consultancy Vs LSTK** 



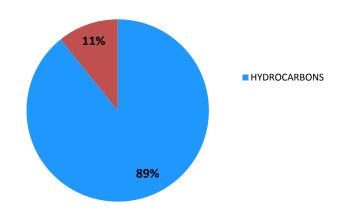
**OBP: Domestic Vs Overseas** 



Note: Data on unconsolidated basis



**OBP: LSTK Break up** 



### Salient Orders Secured during the year - Standalone



		Project scope	Client	Contract Value (Rs. Million)	Award Date	Completion Date
ľ	Signatura IndianOil	Coker Block of Resid Upgradation Project	CPCL	6700	Q2,FY13-14	Q4,FY15-1
	ओक्जर्जीसी M DNGC	Consultancy Services for Revamping of Unmanned Platform Phase-II	ONGC	585	Q1, FY3-14	Q2,FY17-1
	Bharat Petroleum	PMC services for Kochi-Coimbatore-Erode-Salem LPG Pipeline Project	BPCL	500	Q4, FY 13-14	Q3,FY15-10
	IndianOil	Coke Chamber Replacement and Allied Modernization in Coker-A at Barauni Refinery	IOCL	445	Q3, FY 13-14	Q3,FY16-1
	Bharat Petroleum	PMC services for Irugur Devangonthi Pipeline Project	BPCL	230	Q4, FY 13-14	Q3,FY15-1
	PETRONET LINIGE LINIGE	PMC for Dahej Expansion-Phase IIIA	PETRONET	200	Q4, FY13-14	Q3,FY16-1
		Consultancy Services for Housing Projects undertaken by Gujarat Housing Board - PART 1	Gujarat Housing Board	148	Q3, FY 13-14	Q3,FY15-1
0	Overseas					
	PANCA AMARA UTAMA	PMC for 1.900 TPD Ammonia plant at Central Sulawesi, Indonesia	Panca Amara Utama, Indonesia	235.06	Q2, FY13-14	Q4,FY 15-1
	ADGAS	PMC for EPC of Upgrade and Replacement of Substation Project Phase-1 (Substation 6 and U)	ADGAS	194.50	Q2,FY13-14	Q1, FY 16-1
	TÜRRİYE PETROLLERİ Andyan greydiği	Adv FEED Studies for Kuzey Marmara Fixed Offshore Platforms & Pipelines and Offshore Engineering & Consultancy Services	TPAO	109.049	Q3,FY 13-14	Q2,FY14-1



US\$ 139 Million Consultancy contract initialed with M/s Dangote Group for 20 Million Tone Refinery in Nigeria

### **Select Ongoing Projects – Standalone**



#### Refinery

- 6 MMTPA Integrated Refinery Expansion Project (IREP) at Kochi of Bharat Petroleum Corporation Ltd (BPCL)
- Wax unit of Numaligarh Refineries Ltd (NRL)
- Refinery expansion & up-gradation project for Mangalore Refinery and Petrochemicals Ltd (MRPL)
- 6 MMTPA capacity CDU-4 Project at Mumbai Refinery for BPCL
- Rehabilitation and adaptation of Algiers refinery refinery of SONATRACH

#### **Pipelines**

- Kochi-Coimbatore-Erode-Salem LPG Pipeline and Irugur Devangonthi Pipeline Projects of BPCL
- Mallavaram-Bhopal-Bhilwara-Vijaipur Pipeline Project (MBBVPL) for Gujarat State Petroleum Corporation (GSPL) & Gujarat
   India Transco Ltd. (GITL)
- Upgrading pump stations/ terminals of Naharkatiya-Barauni Crude Oil Pipeline for Oil India Limited
- Dabhol-Bangalore gas pipeline of total 1200 KMs project for GAIL (India) Ltd
- Mehsana-Bhatinda Pipeline Project of total 1600 KMs for GSPL

# Terminal & Storages

- Dahej LNG Expansion (Phase IIIA) for Petronet LNG
- Strategic Crude Oil Facilities in Rock Caverns for the Indian Strategic Petroleum Reserves Limited at Mangalore, Vishakhapatnam and Padur
- Development of port facilities for Ratnagiri Gas and Power Pvt Ltd for GAIL (India) Ltd

#### Offshore/ Onshore Oil & Gas

- Revamp of Unmannned Platforms (Ph II) for ONGC
- Offshore platform projects for Gujarat State Petroleum Corporation (GSPC)
- Western Onshore Redevelopment Project for Mehsana, Ankleshwar and Ahmedabad Assets of ONGC
- Habshan Acid Gas Flare Recovery Project for Abu Dhabi Gas Industries Ltd.
- Revamp of BPA/BPB platforms for ONGC

### **Select Ongoing Projects – Standalone**



# Petrochemicals & Fertilizers

- Dahej Petrochemical Complex for ONGC Petro-additions Ltd (OPaL)
- Assam Gas Cracker Complex at Lepetkata for BCPL
- Petrochemical expansion project at GAIL Vijaipur and GAIL Pata plants
- Facility to produce fertilizer products in Port Harcourt, River State, Nigeria
- ShahJalal fertilizer project for BCIC, Bangladesh
- Ammonia Plant in Indonesia for Panca Amara Utama (PAU)

### Mining and Metallurgy

- Second phase expansion of Bauxite Mines, Alumina Refinery for NALCO, Bhubaneswar
- Mahan Aluminum Smelter project, Madhya Pradesh for HINDALCO
- Aditya Aluminum Smelter project, Odisha for HINDALCO
- Fourth Stream Upgradation Project for Bauxite Mines and Alumina Refinery, Orissa for NALCO

#### Infrastructure

- Canal, Pipeline and Pumping station works of Sardar Sarovar Narmada Nigam Limited (SSNNL)
- Data Centre of UIDAI at Delhi and Bengaluru for Unique Identification Authority of India (UIADI)
- Interceptor Sewer Project for the abatement of pollution in River Yamuna for Delhi Jal Board (DJB)
- Rajiv Gandhi Institute of Petroleum technology (RGIPT) at Rai Bareli and Sibsagar

#### **Power**

- Nuclear: Nuclear Fuel Complex at Rawatbhata, Kota
- Captive: Captive Power Plant for Paradip refinery of IOCL

### **Turnkey Projects**

- Coker Block for Resid Upgradation Project of CPCL, Chennai
- Butene-1 Project at Panipat Naphtha Cracker Complex for IOCL
- Onshore Gas Processing Complex at Kakinada for GSPC
- Pipeline and South Jetty Facilities for IOCL Paradip Refinery
- PFCC, SRU and Polypropylene Projects of Phase III refinery project at Mangalore for MRPL





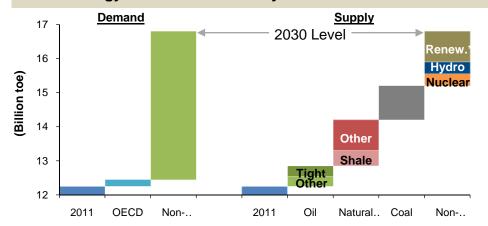
### **Business Outlook and Strategy**



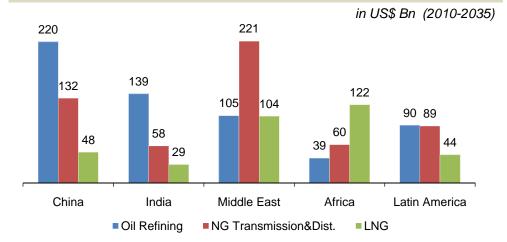
### **Investments planned in Energy and Hydrocarbons**



#### Global Energy Demand to Grow By 4Bn toe over next 2 Decades



#### Investments of US\$ 224 Bn expected in Indian Oil & Gas Space



Source: BP Energy Outlook 2030 - Jan 2013, World Energy Outlook, 2010 and 2011

#### **Sustained Focus on Hydrocarbon Sector in India**

Sector	Total 12th Plan Outlay (INR Bn)		
Exploration & Production	2,837		
Refinery & Marketing	1,056		
Petro-Chemical	173		
Total	4,066		

#### Refineries

#### Twelfth plan target

- Expansion of existing refineries by 50.6 MMTPA
- Commissioning of 30 MMTPA of new grassroot refineries

#### LNG regasification

 Capacity to reach 50 MMTPA by 2016-17 from 13.60 MMTPA presently

### Petrochemicals

- Ethylene capacity estimated to increase from 3.867 MMT in 2011-12 to 7.087 MMT in 2016-17
- Propylene capacity estimated to increase from 4.117 MMT in 2011-12 to 4.987 MMT in 2016-17

### **Fertilizers**

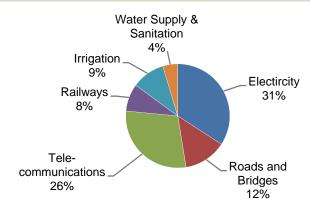
- Gas based urea capacity to increase from 24 MMTPA at present to 32 MMTPA by 2016-17.
- Emphasis on conversion of present naphtha/fuel and oil based plants to use of natural gas as feed stock.

Source: 12th Five Year Plan, Planning Commission

### Potential opportunities in Infrastructure and Non Ferrous Metallurgy



#### Planned Infrastructure Expenditure (segment wise break up)

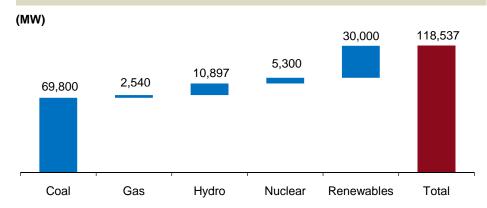


 Approx \$ 1 trillion projected investment in infrastructure in 12th Five year plan

#### **Water Requirement For Various Sectors** Water Demand in km<sup>3</sup> (or bcm) 1,447 63 102 1.093 73 813 1.072 688 2010 2025 2050 Irrigation Drinking Water Industry Others Energy

Source: 12th Five Year Plan , Planning Commission

#### **Power Capacity Addition During 12th Five Year Plan**



 Renewables include 15,000 MW wind, 10,000 MW solar, 2,100 MW small hydro and the balance primarily from bio mass

#### **Non-Ferrous Metallurgy**

- 3.0 MMTPA of Aluminum and 8.7 MMTPA of Alumina capacity addition envisaged in 12th Five year plan
- Copper demand is projected to grow 8% till 2015-16 is projected at GDP
- HCL, Birla, Sterlite have indicated expansion plans of production capacities in the coming five years to meet the concentrate by producing 1.34 million tonnes at the end of 2015-16

### **Strategy for Future Growth**



- Focus on core strengths design, engineering and construction
- Pursue EPC contracts
- Bid for large scale projects
- Selectively form alliances with key equipment manufacturers

- Strengthen presence in Middle East, North Africa and South East Asia – creation of engineering hub
- Formulate entry strategy for Latin America and South Asia

- Leverage track record for related diversification
- Target specific project segments and industries where EIL has a competitive advantage
- Technology and knowledge development
- Strategic alliances for diversification
- JVs and consortium for EPC and overseas
- Long term relationships / MOUs with clients

Road map to become a world class globally competitive EPC and total solutions company

- Establish alliances and share risks with strategic partners with complementary resources, skills and strategies
- Develop relationships/ JVs with other EPC players for bidding in large projects

Strategic relationships

Focus on technology and alliances

Expand international operations

**Selectively diversify** 



**Maintain leadership** 





### **Details of Follow on Public Offer of EIL**



### **Offer Summary**



Price Band offered / Final Issue Price	Rs. 145 to Rs.150 per share / Rs 150 per share		
Retail and Employee Discount	Rs. 6 per share		
Offer Size	Rs. 4,813 Million to Rs. 4,981 Million		
Dilution	10%		
Public Offer aggregating to	33,693,660 equity shares of Rs. 5 each through an Offer For Sale by The President of India acting through the Ministry of Petroleum and Natural Gas, Government of India		
Consisting of:			
Employee Reservation	500,000 Equity Shares		
Net Offer to Public:	33,193,660 Equity Shares		
Of Which:			
QIB Portion	Not more than 16,596,830 Equity Shares (50%)		
Non-Institutional Portion	Not less than 4,979,049 Equity Shares (15%)		
Retail Portion	Not less than 11,617,781 Equity Shares (35%)		
Issue Opening date	Thursday, February 6, 2014		
Issue Closing date	Wednesday, February 12, 2014		
Book Running Lead Managers	FICICI Securities IDFC Kotak® Investment Banking		
Listing	Bombay Stock Exchange Limited  I he edge is efficiency  NSE  NATIONAL STOCK EXCHANGE		
Registrar to the Offer	Computershare		
Registrar to the Offer			

Note: Above numbers are considering full subscription in the respective buckets

# FPO Subscription details



Category	No. of shares offered/reserved	Bid received (No. of Shares)	No of Times Subscribed
Qualified Institutional Buyers (QIBs)	16,596,830	65,281,500	3.93
Non Institutional Investors (HNI)	4,979,049	1,136,800	0.23
Retail Individual Investors (RIIs)	11,617,781	~28,812,000	2.48
Employee	500,000	110,200	0.22
Overall	33,693,660	95,117,900	2.83

QIB Bidding Break up	Total Shares applied for	% of Total
Foreign Institutional Investors(FIIs)	1,38,93,000	21%
Domestic Financial Institutions(Banks/ Financial Institutions(FIs)/ Insurance Companies)	4,68,78,600	72%
Mutual funds	45,09,900	7%
Others	-	0%
Grand Total	6,52,81,500	100%

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