

## डीएफरी समाचार Neuvs DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LIMITED

Year 6, Issue No. 21 October - December 2015

## **MD's New Year Message**



I wish you and your families a very Happy and Prosperous New Year 2016.

2015 has been an year full of achievements for DFCCIL and we have excelled in all the fronts, be it the finalization of Major Civil, Electrical, S&T contracts, land acquisition, environmental, forest & CRZ clearances, tying up of funding arrangements with World Bank, sanction of Revised Estimate, increase in the progress of the on-going works and bringing of New Technology in Mechanized Track Laying.

DFC made magnificent progress in the field of award of contracts during 2015. 7 major Civil, Electrical and S&T contracts worth Rs.17,500 crores were awarded, which is much more than the total contracts awarded by DFCCIL during the last 6 years (around Rs 13000 crores). As a result, Civil and Track work is today progressing in 65% length (1830 km) and system works in 50% length (1360 km).

 $Not only this, the last years awaquantum jump in the progress of {\it Civil}$ 

works with ten-fold increase in Rewari-Palanpur section of Western Corridor and three-fold increase in Kanpur-Khurja section of Eastern Corridor. The mechanized laying of the track by NTC machines commenced at Bhadan & Maitha in Eastern Corridor and Bhagega in Western Corridor. This was done for the first time in India.

(A Govt. of India Undertaking under Ministry of Railways) WE BELIEVE IN SINCERITY, SPEED & SUCCESS

Besides, complete funding for both the corridors was tied up, all major environmental, forest and other statutory clearances are in place and acquisition of more than 85% land has been successfully completed.

The year 2016 comes with much bigger challenges for all of us - the most important being finalisation of all the balance contracts and completion of land acquisition process. The project is being monitored by the Hon'ble Minister Minsiter of Railways as well as by the Hon'ble Prime Minister. DFCCIL has been given very stiff targets for completion of major works in both the corridors by December 2018 and commissioning of both the corridors by December 2019. This entails many fold increase in the progress of Civil, Electrical and S&T works. We must however, remember that Quality and Safety are the areas of highest priority & we must ensure zero tolerance in these areas.

I am confident that committed team of DFCCIL will give their 100% to the project & dedicated team effort will take DFCC to newer heights of achievements so that our Nation can be assured of timely delivery of this Mega Infrastructure Project.

I once again convey my best wishes to you and your family for the New Year.

"Let new beginnings signify new chapter filled with pages of success and happiness, written by the ink of hard work."

Adesh Sharma Managing Director

### **DFCCIL Celebrates Its 10th Foundation Day**

DFCCIL celebrated its 10th foundation day on 29.10.2015 in a function organised at Air Force Auditorium Subroto Park, New Delhi. The function was inaugurated by Shri A K Mital, Chairman Railway Board and Chairman DFCCIL by lighting the lamp. On this occasion Sh. Navin Tandon, Member Electrical, Sh. Hement Kumar, Member Mechanical, Sh Pradeep Kumar, Member Staff, Sh. S. Mookerjee, Financial Commissioner, Railway Board, Sh A K Puthia, General Manager Northern Railway, Sh. Adesh Sharma, Managing Director, other Directors of DFCCIL, representatives of World Bank & JICA, stake holders, senior officers from Railways, other ministries and DFCCIL were also present.

Speaking on the occasion, Shri A K Mital, Chairman, Railway Board and Chairman DFCCIL, applauded the progress made by DFC. He praised the efforts and dedication of DFCCIL officers and staff for having acquired 87% of land and finalisation of tenders more than Rs. 31,000 crores. He said that the future is challenging and assured full support from the Ministry of Railway.

On the occasion 25 employees were awarded for their exemplary



contribution and meritorious services. A running shield and cash award of Rs.25,000/- (Twenty five thousand) each for the best performance of the field units were also given to Tundla project office for Eastern DFC. Jaipur & Ahemedabad project office jointly won the shield for Western DFC.

# DFCCIL signs biggest Signalling & Telecom Contracts on Indian Railways worth Rs. 2390 crores for Western DFC



DFCCIL achieved yet another milestone by signing two Contract Agreements worth Rs. 2390 crores for Design & Construction of Signalling & Telecom works and Train Protection and Warning System (TPWS) Works on Western Dedicated Freight Corridor.

The first contract worth Rs. 1780 crores for 915 route kilometers long Double Line between Rewari to Vadodara on Design - Build

Lump Sum price basis was signed with S.A.F.E. Consortium having M/s Hitachi Limited as the Lead Partner & M/s Mitsui, M/s Texmaco and M/s Hitachi India Ltd. as other partners.

Another contract worth Rs. 610 crores for 1370 route km between Rewari and JNPT (Mumbai) for design and construction of Train Protection and Warning System (TPWS) Works for Double Line on Design-Build Lump Sum price basis has also been signed with I-N Signal Consortium having M/s Hitachi Limited as the Lead Partner & M/s Mitsui, and M/s Hitachi India Ltd. as other partners.

The Contracts were signed by Sh. D. S. Rana, Director/Infra, DFCCIL and Mr. Mino, Deputy GM, Hitachi Ltd. Japan in the presence of Sh. Adesh Sharma, Managing Director/DFCCIL on 10.12.2015.

The work shall involve the use of all the latest Signalling & Telecom Technologies like Electronic Interlocking, Multi Section Digital Axle Counters (MSDAC), Train Management and Diagnostic System, OFC based Communication and GSM-R etc. Both in trems of Scope and Cost, this is the biggest Signalling & Telecom work on Indian Railway and one of the biggest in World Railway.

# DFCCIL Signs Contract Agreement for Mega System Contract worth Rs. 1497 crore on Eastern DFC

DFCCIL has signed the Contract Agreement for the System Contract for Bhaupur (Kanpur) - Khurja section of Eastern Dedicated Freight Corridor Phase-I, 343 Km (Double Track) length with Alstom Systems India Private Limited (JVC of Alstom India Limited and Alstom Transport SA France) on Design Build lump sum basis at a cost of about Rs. 1497 Crore. The contract has been awarded through International Competitive Bidding Process. The contract agreement was signed by Sh. Anshuman Sharma, Director/PP, DFCCIL and Sh. Prasanta Kumar Das, Director, Alstom Systems India Private Limited in the presence of Sh. Adesh Sharma, MD/DFCCIL and Mr. Henri Poupart, President, Alstom Transport SA France on 30.11.2015.

The work involves Design and Construction of Electrification, Signalling, Telecommunication, Buildings and other associated works. The Electrification work includes Traction Power Supply, Over Head Equipment (OHE) and state of art SCADA for 2X25 KV System. The Signalling and Telecommunication work includes Automatic Signalling, Electronic Interlocking, Train Detection using Multi Section Digital Axle Counters (MSDAC), Train Management System, OFC based communication system, GSM-R based Mobile Train Radio Communication etc. The Building work includes Station Buildings Operation Control Centre (OCC), Maintenance Depots and Residential Quarters.

# DFCCIL organizes Workshop on 'Management of Social and Environment Issues in Large Infra Projects'

DFCCIL organized a workshop on effective 'Management of Social and Environment Issues in Large Infra Projects' on 05th October, 2015 in New Delhi. The objective of the workshop was to share learnings from the management of Land Acquisition, Rehabilitation & Resettlement and Environmental issues in DFCC project till date and explore solutions to tackle the challenges in implementing the Entitlement Matrix in line with the new Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement (RFCTLARR) Act 2013. The Workshop was attended by delegates from the World Bank, Ministry of Railways, various States and DFCCIL officials with extensive and varied experiences in this field. The workshop was organized in association with World bank and Ministry of Railways.

Shri Adesh Sharma, Managing Director, DFCCIL, in his key note address reiterated that the DFCCIL fully understands its responsibility towards environment and society. He stated that this project once implemented will reduce green house emission by 457 million tonnes of  $\mathrm{CO}_2$  as compared to conventional freight transport.



DFCCIL has already implemented Entitlement Matrix as per new Land Acquisition Act 2013 and has distributed compensation of more than 1.0 billion US dollar to Project Affected Persons. He stressed that workshop on Social and Environment Safeguard is an ideal platform to discuss challenges of implementing provisions of RFCTLARR Act 2013. The participants deliberated on a number of burning issues being faced by the field officers in implementing Entitlement Matrix based on new Land Acquisition Act.

## Highlights of the Quarter Oct-Dec. 2015

#### **Major Achievements**

- Civil works in Rewari-Iqbalgarh section under CTP-1&2 Contract: 36.2 lakh cum Earthwork (combined filling & cutting) has been carried out. 318 minor bridges have been completed and work is in progress on 325 minor bridges and 42 Major Bridges.
- Civil works on Bhaupur-Khurja section are progressing well.
   During the quarter, 3.14 lakh cum of earthwork was executed,
   13.26 kms of H layer, 18.58 blanket layer and 14.4 kms of Rail linking was completed.
- Durgawati-Sasaram Section: Laying of canted turnouts with thick web switches, fittings & Sleepers has been completed in both New Durgawati & New Kudra Yards and has commenced in New Karwandiya yard. Besides, work on Sone Bridge is in full swing and 25 nos. PSC Box Girder were launched during the quarter taking the cumulative to 72 nos.

#### Eastern DFC

- Technical bids for Civil contract package in Sahnewal-Pilkhani section & Khurja-Dadri section (CP-301 & 302) were received on 16.09.2015. Total 9 bids for CP-301 (Sahnewal-Pilkhani) & 10 bids for CP-302 (Khurja-Dadri) were received. Technical evaluation is under process.
- PQ applications for civil works in Khurja Pilkhani Section were received on 10.08.2015. Total 18 applications have been received. Technical evaluation is under process.
- PQ for system works for Khurja-Dadri section (CP-105) was launched after World Bank clearance on 23.12.2015.
- RFP for PMC services in Khurja-Dadri and Sahnewal-Tilkhani section was issued to shortlisted consultants on 02.11.2015.
   Pre-submission Conference was held on 18.11.2015.
- Contract Agreement for QSAC for EDFC-2 was signed on 18.11.2015
- Revised EOI for QSAC services in Khurja-Dadri section & Khurja-Sahnewal section was issued on 05.10.2015. Applications have been received upto 05.11.2015. Evaluation is in progress.
- Bids for Sonnagar Junction arrangement Civil works were opened on 29.12.2015 and are under evaluation.
- Contract Agreement for engagement of consultant for Development of Marketing and Commercial Strategies of DFCCIL (DMCSD) was signed on 06.10.2015.
- Contract Agreement for engagement of consultant for Nondiscriminatory Access to DFCCIL Network (CSNDAD) was signed on 26.10.2015.

#### Western DFC

- Technical bids for Civil & Track Package 3(R) for the section between lqbalgarh - Vadodara were received on 11.09.2015.
   Technical evaluation report was sent to JICA for NOC on 15.12.2015. After JICA NOC, the financial bids were opened on 28.12.2015. The same are under evaluation.
- Pre-bid conference for Civil & Track Package-11 for the section between JNPT-Vaitarna was held on 15.07.2015. Clarification & addendum no 2 and 3 have been issued to the qualified bidders on 03.12.2015 & 21.12.2015 respectively after NOC from JICA. Based on the request of bidders, date of submission has been further extended upto 01.02.2016.
- Revised financial offer for PMC Phase-II were opened on 21.12.2015 and is under evaluation.

- Pre-bid conference for Integrated Contract Package-14 for the section between Rewari-Dadri was held on 24.07.2015. Based on the repeated requests of bidders, date of submission has been further extended upto 08.02.2016.
- The Contract for Special Bridge Package; CTP-3A(R), for bridges on Sabarmati and Mahi rivers, was effectuated on 20.11.2014.
   Batching plants have been erected and hydrological report have been submitted. Sub-structure design is in progress. Overall physical progress is 5.9%.
- The contracts for Bridge Packages 15A, 15B & 15C have commenced. Geo-technical investigation at Ulhas & Tapi Rivers in 15A, Narmada Bridge in 15B and Hindon & Yamuna Bridge in 15C have been started.

#### **Future Corridors**

- North-South Corridor Draft PETS Report has been submitted to Railway Board on 20.05.2015. Final PETS report has been submitted by RITES on 12.08.2015.
- East-West Corridor Draft PETS Report has been submitted to Railway Board on 20.05.2015. Final PETS report has been submitted by RITES on 12.08.2015.
- Draft Final report for East Coast Corridor has been submitted by M/s RITES on 25.08.2015.
- Work on field data collection for Southern Corridor is in progress.

#### Land Acquisition

The total award u/s 20F declared so far is 9668 Ha of land (WDFC: 5504 ha out of 6000 ha and EDFC: 4165 ha out of 5550 ha) which is approximately 87% excluding Sonnagar-Dankuni section and overall 83.7% with compensation amounting to Rs. 7562 Crs. (WDFC: 4642 Cr., EDFC: 2920 Cr.) till December, 2015.

#### Human Resource

- 49 officers & staff of DFCCIL underwent various training & workshops on land acquisition, R&R, PPP, RTI and Forensic Accounting and Investigative Audit during the quarter.
- During the qaurter, two officials joined DFCCIL on deputation and 13 AMs/Executives joined on direct recruitment basis.
- Officers & staff of DFCCIL underwent various training & workshops on Project Management at MDI and at IRISET/Secunderabad during the quarter.
- 7 Officers & staff of DFCCIL underwent various training & workshops on Logistics and Supply Chain Management at MDI/Gurgaon, Workshop on Board Level position in CPSEs at Lucknow, International Trade Finance at CRISIL, service tax issues and proposed GST by ICWAI.
- A MOU has been signed with Confederation of Indian Industry
   (CII) for CSR activities to be done during the year 2015-16. Under
   this vocational training for total 1000 PAPs/BPL at four CPM units
   namely Tundla, Allahabad (West), Jaipur and Mumbai will be
   imparted leading to their employment/self-employment.
   Training of different batches has commenced at Jaipur &
   Mumbai.
- Skill development Training for PAPs commenced in three ITIs at Ambala with a total of 150 participants and one ITI at Ahmedabad with 23 participants.

## डीएफसीसीआईएल में मनाया गया सतर्कता सप्ताह-2015



डेडीकेटेड फ्रेंट कोरीडोर कॉर्पोरेशन ऑफ इंडिया लिमिटेड में 26.10.2015 से 30.10.2015 तक सतर्कता जागरूकता सप्ताह मनाया गया। इसकी शुरूआत 26.10.2015 को नई दिल्ली स्थित मुख्यालय में शपथ ग्रहण समारोह से हुई। डीएफसीसीआईएल के मुख्य सतर्कता अधिकारी श्री यू.के. लाल ने डीएफसीसीआईएल अधिकारियों एवं कर्मचारियों को शपथ दिलाई। इसके बाद ट्रांसपेरंसी इंडिया के चेयरपर्सन और सेवानिवृत्त आईपीएस श्री पी. एस. बावा ने उपस्थित लोगों को संबोधित किया। 27.10.2015 को एक निबंध प्रतियोगिता का आयोजन किया गया। अगले दिन 28.10.2015 को 'फॉरेंसिक अकाउंटिंग ऐंड इन्वेस्टिगेटिव ऑडिट' पर एक गोष्ठी आयोजित की गई। इसके बाद आईएफएआईए की तरफ से श्री विनोद खुराना ने लोगों को संबोधित किया। समारोह के समापन में 30.10.2015 को केन्द्रीय सतर्कता आयुक्त श्री टी.एन. भसीन ने डीएफसीसीआईएल अधिकारियों एवं कर्मचारियों को संबोधित किया। इस अवसर पर डीएफसीसीआईएल के प्रबंध निदेशक श्री आदेश शर्मा एवं अन्य निदेशक भी उपस्थित थे। इस समारोह में विभिन्न प्रतियोगिताओं के विजेताओं को पुरस्कृत भी किया गया। डीएफसीसीआईएल मुख्यालय के आलावा क्षेत्र इकाइयों के अनेक स्कूलों और कॉलेजों में वाद—विवाद प्रतियोगिता और सेमिनार आयोजित किए गए।

### डीएफसीसीआईएल कॉर्पोरेट कार्यालय को मिली 5 स्टार बीईई रेटिंग



डेडीकंटेड फ्रेंट कोरीडोर कॉर्पोरेशन ऑफ इंडिया लिमिटेड (डीएफसीसीआईएल) के नई दिल्ली स्थित कॉर्पोरेट कार्यालय को 5 स्टार बीईई रेटिंग प्रदान की गई है। कार्यालय में ऊर्जा संरक्षण के लिए प्रभावी कदम उठाने के लिए डीएफसीसीआईएल को यह उच्चतम रेटिंग 22 दिसंबर 2015 को दी गई। यह रेटिंग ऊर्जा दक्षता ब्यूरो, विद्युत मंत्रालय की तरफ से प्रदान की जाती है। इससे पहले इसी ब्यूरो ने 2012 में डीएफसीसीआईएल कॉर्पोरेट कार्यालय को 4 स्टार रेटिंग प्रदान की थी। पिछले तीन—चार वर्षों के दौरान डीएफसीसीआईएल ने विद्युत ऊर्जा बचाने के लिए अतिरिक्त प्रयास किए, जिसके परिणामस्वरूप उसने ऊर्जा निष्पादन सूचकांक (ईपीआई) में 85 अंक अर्जित किए। 50 प्रतिशत से ज्यादा वातानुकूलित क्षेत्र वाले भवनों में 5 स्टार रेटिंग हासिल करने के लिए सूचकांक 90 के नीचे होना चाहिए। इस उपलब्धि के साथ ही डीएफसीसीआईएल देश के उन चुनिंदा कार्यालय भवनों में शामिल हो गया है, जिन्हें 90 प्रतिशत से ज्यादा वातानुकूल क्षेत्र के बावजूद 5 स्टार बीईई रेटिंग प्राप्त है।

### राजभाषा कार्यान्वयन समिति की बैठक

दिनांक 16.12.2015. को प्रबंध निदेशक महोदय की अध्यक्षता में डीएफसीसीआईएल राजभाषा कार्यान्वयन समिति की बैठक आयोजित की गई। बैठक में अध्यक्ष एवं प्रबंध निदेशक महोदय ने निम्नलिखित आदेश प्रदान किए।

- 1. राजभाषा अधिनियम की धारा 3(3)का शत—प्रतिशत पालन सुनिश्चित किया जाए। धारा 3(3)के अंतर्गत जारी किए जाने वाले कागजातों की सूची सभी अधिकारियों को पुनः भेजी जा रही है।
- 2. राजभाषा प्रयोग की प्रगति रिपोर्ट प्रत्येक माह राजभाषा विभाग को भेजी जाए।
- 3. सभी अधिकारीगण माह में कम से कम 10 पत्र हिंदी में अवश्य जारी करें।
- 4. मेनुअलों / नियमाविलयों एवं अन्य अनुवाद कार्य के लिए स्वतंत्र अनुवादकों / एजेन्सीयों से दैनिक समाचार पत्र में विज्ञापन जारी कर प्रस्ताव आमंत्रित किए जाएं।
- 5. सभी परियोजना कार्यालयों में राजभाषा कार्यान्वयन समितियों का गठन किया जाए। तथा प्रत्येक तिमाही में बैठक आयोजित कर राजभाषा के प्रयोग प्रसार की मदवार समीक्षा की जाए। इस संबंध में

राजभाषा विभाग, कॉर्पोरेट कार्यालय,द्वारा जानकारी दी जाए।

- 6. राजभाषा अधिनियम की धारा 3(3) के अंतर्गत जारी किए जाने वाले कागजातों की पहचान की जाए तथा इन्हें अनिवार्य रूप से हिंदी—अंग्रेजी द्विभाषी में जारी किया जाए।
- 7. वर्तमान में हिंदी कार्य के लिए सीधे साक्षात्कार के माध्यम से पदों कों भरा जाए।

श्वयं पर विजय प्राप्त करना लाखों शत्रुओं पर विजय पाने से बेहतर है।

-भगवान महावीर

# **Evaluation of First Stage Technical Proposals for World Bank Financed Project (Works Contract)**

The Eastern Dedicated Freight Corridor from Mughalsarai to Sahnewal & Khurja to Dadri is being financed by loan from World Bank. This article aims to spread awareness on the procedure of Technical evaluation followed in World Bank financed projects.

#### **Pre-Qualification**

The first stage is Pre-qualification (PQ) of bidders. For invitation of application for pre- qualification Specific Procurement Notice (SPN) is published in English and Hindi National Daily and on DFCC website. After the pre-qualification process is completed, the bids are invited from pre-qualified bidders and Bid Documents also uploaded on DFCC website.

#### **Technical Proposals**

During the first stage bidding process, a pre-bid conference is conducted and queries raised during the Pre Bid conference are replied in writing after clearance from the World Bank. In case the bid document requires modification the same are incorporated through Addendums.

First Stage Technical Proposals are received at specified place and time and opened by Tender Evaluation Committee members in the presence of representatives of bidders. Minutes of the opening are prepared recording details regarding cost of the bid document, number of copies etc. and copy provided to the representatives of the bidders present during the opening.. Copy of opening minutes along with attendance is also provided to World Bank for information & record.

In World Bank funded project, evaluation of bids is conducted by independent agency (General Consultant) which is appointed by the Employer following World Bank procedures for engagement of Consultants. One copy of technical proposals submitted by the bidders are provided to General Consultant for evaluation.

Criteria for evaluation of first stage technical proposals is covered in Section III "Evaluation and qualification requirement" Part 1 of the bid document and evaluation is done accordingly. GC team involved in the technical evaluation consist of Procurement Expert, Financial Expert, Planner, SHE Expert and Technical Experts related to the scope of the work such as Formation Expert, Bridge Expert, Track Expert for Civil Engineering Railway Project. For Electrical and S&T Works, requirement of Technical Experts changes accordingly. GC Evaluation is also reviewed by other members in the GC team and approved by Team Leader/Dy. Team Leader before submission to DFCCIL.

GC prepares bidder wise technical report and clarifications required from bidders for

- missing information/improvement of understanding,
- to remove minor deficiencies with respect to Employers' technical and performance parameter requirement
- Bidder alternate technology proposal,
- reservation of bidders for contractual and commercial provisions.

The First stage Proposals are very voluminous. These evaluation reports are examined by evaluation committee and clarification letters after the approval of competent authority issued to bidders for providing clarifications. Bid document also have provision for presentation by bidders and clarification meetings to discuss the issues and based on clarification meetings, memorandums titled "changes required pursuant to first stage evaluation" are prepared for each bidder. After clarifications are examined, consultants prepare first stage technical evaluation report and this report is examined by DFCCIL evaluation committee and with the approval of competent authority, these reports are submitted for World Bank clearance.

After the clearance from The World Bank, second stage financial bids are invited from technically qualified bidders. As technical proposals are not accompanied by price bid, this evaluation process has the following distinct advantages:

- It gives opportunity to the Employer to modify its requirement based on various alternative solution proposed by bidders in their technical submission.
- It helps in clarifying the issues with the bidders which ensures better understanding of the scope of work and more competitive price bids.
- It gives options to examine alternate proposals received from the bidders and include the same as employer requirement if these proposals are technically suitable and financially beneficial for the Employer.
- It helps to include best international practices in the requirement during the evaluation process.

The World Bank follows an exhaustive procedure for finalization of tender where 7 clearances have to be obtained from World Bank from pre-qualification stage to the award of the contract.

Ajay Kumar Executive Director/Eastern DFC

### **Employee of the month**

#### September 2015



**Sh. Raj Kumar**PS to AGM/HR
Corporate Office, New Delhi

Sh. Raj Kumar impressed everyone with his hard work and dedication to work. Besides his normal duties, he plays important role in making of HR Committee and BoD agenda items of various HR policies, coordination with Ministry of Railways, PSUs, Project offices and CSR work, making of various types of reports, presentations and slides.

#### **November 2015**



Sh. Rajesh Navhal

APM/Traffic

Ambala

Sh. Rajesh Navhal has shown commendable progress in the works of PR and CSR. He made DFC project popular among the stakeholders and generated positive buzz around the business community of many states. The various CSR initiatives being undertaken by DFCCIL were also propagated well by means of publication in Print and Social Media.

#### **December 2015**



Sh. Vijai Kumar Chaurasia APM/Elect./Vadodara

Sh. Vijai Kumar Chaurasia has done done exemplary work during the month of Dec-2015. Due to his continuous chasing and perseverance, DFCC got the permission letter for Government land of 5.0 ha in Bharuch district. Due to his dedicated efforts, very good progress of mutation & resumption and disposal of trees in Bharuch district could be achieved.





Rail stacking at Bhagega







Precast segment staking, transportation and erection



RUB work in progress in WDFC

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