



# Roads & Buildings Department Second Gujarat State Highway Project

A World Bank Assisted Project

SAFETY  
FIRST



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## LEADS PROJECT NEWSLETTER

### THE COVID-19 PANDEMIC AND RESPONSE OF GSHP-II

Novel Corona Virus Disease 2019 (COVID-19) has been declared as a global pandemic by the World Health Organization (WHO). India and the region in particular had beginning of such Pandemic from second fortnight of March 2020.

The Government of India, various State Governments and Medical experts kept issuing appropriate advisory and various preventive measures to contain the spread of the virus since then.

The state of Gujarat allowed construction works under emergency/essential infrastructure services with appropriate guidelines from Second fortnight of April 2020. GSHP-II Civil Works responded positively to such situation. They started with construction activities under guidelines issued by Governments. PIU-R&BD provided Standard Operating Procedures (SOP), checklists and guidelines prepared in line with the SOPs by MHA-GOI, NHAI, World Bank and other related guidelines.

PIU/PMC started then tracking the situations on daily basis along with work progress and any support required. Requested Authority's Engineer's and Contractors to strictly follow the Government directions, SOPs and guidelines in larger benefits. Daily reports including filled checklist were sought at the end of the day by PIU, the same is being used to effectively monitor the progress and COVID-19 implementation measures at the site.

As per such reports and ground confirmation, NO INCIDENCE TILL DATE ACROSS GSHP-II.

It is continuous effort of Contractors, Authority Engineers, PMC and PIU. R&BD issued strict instructions to take care and extended all possible support.

**Contractors are Appreciated for their positive response, compliances and ensuring NO INCIDENCE through Civil work implementations.**

It shows GSHP-II responded swiftly to the situation and started steadily with all precautionary measures. As of now consistency in adhering strictly to the preventive measures is helping and adoption of 'new-normal' is stabilizing as routine. GSHP has shown unshaken spirits after earthquake of January 2001 and now GSHP-II is showing collectively - **'We can Work Together towards Staying Safe and Keeping Project Environments Healthy'**.



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Project Size :  
**387 m US\$**

Duration :  
**2014-2020\***

## OVERALL PROJECT PROGRESS

Financial Year	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Total
Project Duration									7 Years*
Till Date									6 Yr. 3 Mth.
Loan Amount									175 M USD
Disbursement Till Date									99.03 M USD*

\* Restructured (Original + Extended Time) \* As on June 2020

## IMPLEMENTATION AND INTERIM WORLD BANK MISSIONS

### 10<sup>TH</sup> IMPLEMENTATION SUPPORT MISSION

GSHP-II Tenth Implementation Support Mission happened during 25<sup>th</sup> to 29<sup>th</sup> November 2019. Shri S. B. Vasava, Secretary R&BD welcomed World Bank Task Leader and Key Experts with a bouquet of fresh flowers in presence of newly appointed Chief Engineer (WB) - Shri Y. M. Chavda, Shri D. K. Solanki, Superintending Engineer (PIU) and PMC Team.

The Kick-off presentation and Overall Progress review meeting was held in the first-half of 25<sup>th</sup> November 2019. In the second half, World Bank task leader along with key-experts reviewed EPC contracts. Environment, Social and Financial aspects of the Project were also simultaneously reviewed by the World Bank Subject experts.

The World Bank Team along with CE-PD, SE-PIU, PIU Officers and PMC Team visited and reviewed the OPRC and EPC-03 corridors progress on 26<sup>th</sup> November, 2019. DBFOMT, EPC1A, EPC 1B and EPC 01C corridors were visited on 27<sup>th</sup> November 2019. Site inspections, review and discussions on ground were held by mission with concerned stakeholders.

On 28<sup>th</sup> November 2019, review meetings were held with Institutional Development Consultants at Gandhinagar. The World Bank team along with PIU reviewed and discussed Procurement, Environmental and Social aspects. Also had status review on road asset management system (GujRAMS) as well as road safety technical assistance.

The mission concluded on 29<sup>th</sup> November 2019 with wrap-up meetings at GoG.



OPRC Site Inspection



Overall Project Review by WB alongside Secretary-R&BD

### INTERIM TECHNICAL MISSION - FEBRUARY 2020

GSHP-II Interim Technical mission visited the state from February 25<sup>th</sup> to 28<sup>th</sup> 2020. Site visits were carried out on February 25<sup>th</sup> and 27<sup>th</sup> to all ongoing packages including EPC and OPRC contracts. CE (WB) and PIU welcomed Mission members of the World Bank including Task Team Leader (TTL), Highway Expert and Operations Analyst. The World Bank Team along with CE-PD, SE-PIU, PIU Officers and PMC Team visited and reviewed the EPC-04 corridor progress on 25<sup>th</sup> February, 2020. EPC1A, EPC 1B, EPC 01C and EPC 02 corridors were visited on 26<sup>th</sup> February, 2020. OPRC and EPC-03 packages were visited on 27<sup>th</sup> February, 2020. Mission took the stock of progress and passed on advise on way forward for respective packages. The Interim mission concluded on 28<sup>th</sup> February 2020 with wrap-up meeting and discussion at GoG.



On Site Dialogue with Stakeholders - EPC: Mehsana-Sidhpur



## STAKEHOLDER'S SPACE OPRC AGENCY - PATH

Prakash Asphaltings & Toll Highways India Limited (PATH) was incorporated on July 19, 1996. The company is engaged in infrastructure development and construction of roads, highways, and bridges. It is the flagship company of the Agrawal group of Mhow, Madhya Pradesh.

The Company is involved in different verticals of the infrastructure construction domain; Engineering Procurement and Construction (EPC) basis, Operations, Maintenance and Transfer (OMT), PPP (Public Private Partnership) model through BOT contracts, toll collection contracts (TCC); Design, Build, Finance, Operate and Transfer (DBFOT) contracts, Annuity projects and Hybrid Annuity Model (HAM).

We are delighted to have been given the opportunity to execute one of the first Output and Performance based Road Contract (OPRC) for Improvement, Rehabilitation, Resurfacing Works and Network Performance of roads: Dhandhuka – Dholera, Dhandhuka – Paliyad and Limbdi – Dhandhuka from Government of Gujarat Road and Buildings Department as part of Second Gujarat State Highway Project (GSHP-II), under assistance from World Bank.

Output and Performance based contracting for Roads is designed to increase the efficiency and effectiveness of road asset management and maintenance. It ensures that the physical condition of the roads under contract is adequate for the need of road users, over the entire period of the contract, which is normally for several years. This type of contract significantly expands the role of the private sector, from the simple execution of works to the management and conservation of road assets. Output-based contracts encourage contractors to develop innovative solutions to realize the output standards while minimizing the inputs.

### WORK DESCRIPTION

- 1) Improvement Works:** Scope of Work Involves upgrading and widening of Roads and maintenance during construction period of 2 years.
- 2) Rehabilitation Works:** Scope of Work Involves Existing Road strengthening and widening of granular shoulders and maintenance during construction period of 2 years.
- 3) Network Performance:** Maintenance of all 3 sections of roads for 8 years after the initial 2 years of construction period with Road output measurement and maintenance according to defined level of service.
- 4) Resurfacing Works:** Resurfacing and Overlaying of all 3 sections in 9th / 10th Year.
- 5) Emergency Works:** Repair the Roads after damage from unforeseeable.

Exceptional features of the Contract are the Provision of Noise Barriers near Schools / Colleges / Hospitals. Rain Water Harvesting, Silt Trap and Oil Interceptors. Enhancement measures at religious places along the project Highway. Health & Safety awareness to Workers and local villagers.

### OUR SETUP FOR OPRC PROJECT:

We have setup a Camp including Admin Building, equipped Laboratory, Worker quarters, Rest Rooms, Medical aid-post, Mechanical workshop.

Road Construction Plant and Machineries, which includes Tipplers, Pavers, Hydraulic Excavator, Tandem Roller, Hot Mix plant, WMM Plant, Crusher Plant, Ready-mix Concrete Plant, Static Weigh Bridge, etc.



### OUR RESPONSIBILITIES:

We are responsible for design of works required to reach & maintain specified "service levels" over contract period.

### OUR ACHIEVEMENTS:

We have carried out all engineering survey and prepared all necessary Design & Drawings required for this project. Improvement, Rehabilitation and Maintenance works are in full pace to achieve our target.

We conducted Health & Safety awareness Camp for workers and local Villagers for which we were awarded for "Excellent Performance in Mainstreaming Activities" by H & F welfare Department, Government of Gujarat.



### OUR OVERALL VISION:

To continuously deliver excellent quality work and innovative construction solutions to meet our clients' requirement.

We would like to thank R&BD Govt. of Gujarat and Consultants for their support, cooperation, showing trust on us and working with us a team for this Project.

**"Teamwork is the key to Success"**

**Prakash Asphaltings & Toll Highways (India) Ltd.**

## HIGHLIGHTS

### CIVIL WORKS

- ▶ Project got impacted DUE TO COVID-19.
- ▶ Resumed work on ground in the month of April 2020.



### ROAD SAFETY

- ▶ TA Road Safety Consultant working and regularly interacting with stakeholders.
- ▶ SCDP-2 Civil Works Procurement is under approval.

### CONSULTANCIES

- ▶ IC Actively Contributing towards O&M-MH-DBFOMT.
- ▶ OPRC Consultants actively involved in OPRC Works.
- ▶ IDAP-1,2,3: Continued good progress on respective tasks.
- ▶ GujRAMS development is in Progress.
- ▶ TA Road Safety Consultancy submitting task wise deliverable.
- ▶ Authority Engineers (AE1,2,3) are mobilised and working on ground.

### PROCUREMENT

- ▶ ESC-01 civil works: Bid evaluation report is approved. LoA issued.
- ▶ Integrated IT Application (SI): Contract Negotiation initiated.



### INSTITUTIONAL DEVELOPMENT

- ▶ Fourth and Fifth Advanced Seminar Workshop accomplished successfully in January 2020.
- ▶ Committee of Chief Engineers meeting held on Engineering Works Manual in the Month of March 2020.
- ▶ Road Sector Policy publication process initiated.



## PROGRESS

CIVIL WORKS

#### EPC - 1A

Mehsana - Sidhpur

Ranjit Buildcon Ltd.



#### EPC - 1B

Sidhpur-Palanpur

Ranjit Buildcon Ltd.



#### EPC - 1C

Mehsana bypass including RoB

Perfect Infracorp Pvt. Ltd.



#### EPC - 02

Radhanpur-Chanasma

Perfect Infracorp Pvt. Ltd. JV Anish Infracorp India Pvt. Ltd.



#### EPC - 03

Vallabhipur-Ranghola

Kalthia Engineering & Construction Ltd.



#### EPC - 04 (NCB2B)

Dhoridungri-Lunawada

Shiwalay Infra Projects Pvt. Ltd.



#### OPRC CIVIL WORKS

Dhandhuka - Dholera, Dhandhuka - Paliyad and Limbdi - Dhandhuka

Prakash Asphaltting & Toll Highways (India) Ltd.



#### SCDP

Bharuch-Dehgam

Royal Infra Engineering Pvt. Ltd.



CONSULTANCIES  
(Fees Disbursed)

#### AE - 01

TPF Getinsa Euroestudios S.L., Spain in JV with Rodic Consultants Pvt Ltd, India



#### AE - 02

TPF Getinsa Euroestudios S.L., Spain in JV with Rodic Consultants Pvt Ltd, India



#### AE - 03

TPF Getinsa Euroestudios S.L., Spain in JV with Rodic Consultants Pvt Ltd, India



#### GujRAMS

SATRA Infra Management Services Pvt. Ltd., India JV HIMIS Ltd. N.Zealand and ICT Pvt. Ltd.



#### IDAP/GAAP/1

LEA Associates South Asia Pvt. Ltd.



#### IDAP/GAAP/2

ICT in JV with PWC



#### IDAP/GAAP/3

Deloitte Touche Tohamatsu India Pvt. Ltd. in JV with CEG Ltd.



#### IE(MH)

Sheladia Associates INC



#### INTERNAL AUDITOR

Agarwal & Dhandhania



#### OPRC

Feedback Infra Pvt. Ltd. in J.V. with DMEC, Korea



#### PMC

LEA Associates South Asia Pvt. Ltd.



#### TA-RS

SWEROAD, Sweden in JV with SAI, India association with Sherwood (Sub-Consultant)



PHY = Physical Progress, FIN = Financial Progress (Civil Works), Fees Disbursed (Consultancy). Progress as on June 2020 end.

## WAY FORWARD

- ▶ Expedition of OPRC Civil works and EPC contracts.
- ▶ Finalisation of pre-investment studies.
- ▶ Active Involvement of Authority Engineers in EPC Contracts and implementation with Covid-19 prevention protocol.
- ▶ Goods and Equipment Procurement.
- ▶ Procurement completion of System Integrator and SCDP-2 civil works.
- ▶ Extension of GSHP-II.

## PROJECT CONTACT

### Mr. D. K. Solanki

Superintending Engineer(PIU),  
Roads and Buildings Department,  
Ground Floor, Nirman Bhavan,  
Sector 10A, Gandhinagar - 382 010

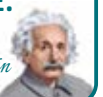
Contact No. : (079) 232 52986

Mobile No. : 098255 62693

E-Mail : se-piu-rnb@gujarat.gov.in

“TRY NOT TO  
BECOME A  
PERSON OF  
SUCCESS, BUT  
RATHER TRY TO  
BECOME A  
PERSON OF  
VALUE.”

- Albert Einstein



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