



Environmental Monitoring Report

Project Number: 41629-013
April 2015

Period: January 2014 – December 2014

IND: Bihar State Highway II Project

Submitted by

Bihar State Road Development Corporation Limited, Patna

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Asian Development Bank



Bihar State Road Development Corporation Limited

(A Govt. of Bihar Undertaking)

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BSRDC/AM/GM
RS.

Letter No. BSRDC Ltd.- 679/2011-Part-I/2014 -299 (we) Patna, Date:- 6/2/2015

From,

Ram Awadhesh Kumar,
Chief General Manager.

To,

Ms. M. Teresa Kho,
Country Director,
South Asia Department, Asian Development Bank,
4, San Martin Marg, Chanakyapuri, New Delhi-110021.



Sub: Submission of Annual Monitoring Reports for Implementation of EMP and Resettlement Plan of BSHP-I (SH-68 & SH-69), BSHP-II (SH-78, SH-81, SH-89, SH-90 & SH-91) and AF-BSHP-II (SH-83, SH-86, SH-87 & SH-88).

Sir,

With reference to the above, we are submitting the Annual Monitoring Reports for Implementation of EMP of BSHP-I (SH-68 & SH-69), BSHP-II (SH-81, SH-89, SH-90 & SH-91) and AF-BSHP-II (SH-86 & SH-87) and Annual Monitoring Reepport of RP Implementation for Roads under BSHP-I (SH-68 & SH-69), BSHP-II (SH-78,SH-81, SH-89, SH-90 & SH-91) and AF-BSHP-II (SH-83,SH-86,SH-87 & SH-88) for Jan., 2014 – Dec., 2014 for your kind perusal. These reports have been prepared by the concerned Supervision Consultants on the basis of their field Supervision and document verification.

Bihar State Road Development Corporation Limited gives its concurrence for disclosure of these reports on ADB website. After getting your approval, we would disclose these reports on BSRDC website.

Thanking you,

Encl: As above

Yours Sincerely

(Ram Awadhesh Kumar)





**Bihar State Road
Development Corporation Ltd.**

**CIVIL WORKS CONTRACTS FOR BIHAR STATE
HIGHWAY PROJECT PHASE-II
CONTRACT PACKAGE NO. 2, 3, 4 & 5 (SH. No.81,90, 91& 89)**

**ANNUAL ENVIRONMENTAL
MONITORING REPORT
(JANUARY 2014 -DECEMBER 2014)**



**Intercontinental Consultants
and Technocrats Pvt. Ltd.**

A-8, Green Park, New Delhi – 110016, INDIA

In Joint Venture with

RodicConsultants Pvt. Noida, Uttar Pradesh



BIHAR STATE HIGHWAYS PROJECT (BSHP-II) PROJECT

Annual Environmental Monitoring Report

(Sub-project Road- SH-81, SH-89, SH-90 and SH-91)

(January-December 2014)

Loan No. - 2663-IND



Intercontinental Consultant and Technocrats Private Limited New Delhi India

In JV



Rodic Consultants, Noida, Uttar Pradesh, India

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ABBREVIATION

ADB	-	Asian Development Bank
BSHP	-	Bihar State Highway Project
BSRDC	-	Bihar State Road development Corporation
DFO	-	District Forest Officer
DG	-	Diesel Generator
EMMP	-	Environmental Management & Monitoring Plan
EMP	-	Environmental Management Plan
FIDIC	-	Federation International D'Engineure Conseil
GoB	-	Government of Bihar
HIV	-	Human Immunodeficiency Virus
HMP	-	Hot Mix Plant
IEE	-	Initial Environmental Examination
Km	-	Kilometer
MOEF	-	Ministry of Environment and Forests
NABL	-	National Accreditation Board for Laboratories
NO ₂	-	Nitrogen Dioxide
NOC	-	No Objection Certificate
NO _x	-	Oxides of Nitrogen
PH	-	Negative log of H ⁺ activity
PIU	-	Project Implementation Unit
PPE	-	personal protective Equipment
PUC	-	Pollution Under Control
RSPM	-	Respirable Suspended Particulate Matter
SC	-	Supervision Consultant
SH	-	State Highway
SO ₂	-	Sulfur dioxide
SPCB	-	State Pollution Control Board
SPM	-	Suspended Particulate Matter
TDS	-	Total Dissolved Solids
TSS	-	Total Suspended Solids
WMM	-	Wet Mix Macadam

1. Introduction:

Bihar Road Development Corporation Ltd. (BSRDC), Govt. of Bihar, has taken initiative of improvement of Road Network in Bihar with the assistance of Asian Development Bank (ADB). BSRDC, Government of Bihar has been entrusted with the responsibility of rehabilitation and strengthening of selected State Highways (SH) under the Loan Assistance of ADB, Loan No. 2663-IND with a Supervision Consultant to be engaged in accordance with Terms of Reference. Intercontinental Consultant and Technocrats Private Limited New Delhi In JV Rodic Consultants Pvt.Ltd. has been appointed after competitive bidding as Supervision Consultant (SC) for the implementation of the four civil work packages of SH corridors in Bihar.

The project intends to widen the existing carriageway to 2-lane carriageway with earthen shoulders on each side, strengthening / reconstruction of existing pavement, rehabilitation and widening of the existing bridges, construction of new culverts, bus stops, truck parking areas, and road junctions. The existing roads are mostly single/intermediate lane with unpaved shoulders in rural areas having carriageway width of about 3.75 m to 5.5 m with sub-standard geometrics at many places. Overall the roads are in badly damaged shape. After completion of these packages, the SH corridors will serve a long way to the people of rural areas improving the quality of life and will enhance the business potential. The four civil work packages are spread over the districts of Rohtas, Bhojpur, Saran, Gopalganj, Supaul, Madhepura and Siwan.

1.1 Project Description

This Monitoring Report is concerned with the 4 sub-project roads i.e. SH-81, SH-89 and SH-90, SH-91. The details of all concerned sub-projects are as under:

i) SH-81

The section of SH-81 is located in the districts of Rohtas & Bhojpur with a total length of about 86.80 Km. This road is 83.25 km long (design chainage) and it connects NH-30 (near Sakkadi, in Bhojpur district) to Nasirganj (Rohtas district) in the south. River Sone runs parallel to the project road and is a good source of construction sand for the nearby areas. The road has considerable traffic volume with high proportion of non-motorized traffic in the entire stretch.

The condition of the existing road was very poor as at many places the pavement was no more exists. There were villages in regular interval with many squatters and encroachers living or doing business along the road

ii) SH-90

The section of State Highway (SH-90) is located in the districts of Gopalganj and Saran, north western part of Bihar State, connecting Chhapra to National Highway – NH 101. The project road starts at a three-legged junction at 63 Km of NH 101 near Mohammadpur and terminates at Chhapra near Samiti Bazaar (4 legged junction) in Saran District on NH-19 at chainage 64.30 Km. The existing alignment of SH-90 passes through numerous congested areas – villages Bahadura, Kharia, Bankati, Sankarpur, Baikunthapur, Bhasa, Raja Patti Kuthi, Kudaria, Dumarson, Bhangra, Chainpur, Mashrakh, AchipurDharoa (Pursouli), Majhawaliya, and Sandha Village. The total length of the road is 65.300 Km as per topographic survey.

iii) **SH-91**

The project road Birpur to Udakishanganj (SH-91) constitutes a very important connection between Babunia-Bhimnagar-Basmatia Road at Birpur and NH-106 at Udakishanganj serving as a bypass and a shortcut route for vehicles travelling from Babunia-Bhimnagar-Basmatia Road to NH-106 and vice versa. The overall terrain is predominantly flat throughout with gradual fall in ground elevations from north to south. The road side environment transforms into rural in nature beyond heavy settlement of Birpur (Km 0.00) and crossing numerous congested villages BirpurChowk, Hridayanagar, Balua, Bhimpur Halt, Chhatapur, Kariyapatti, Jadia, Tikulia, Mirganj, Murliganj Market, Bihariganj Market, and Udakishanganj. The road alignment overlaps with SH-76 from Chainage 50.991 to 52.390 and with NH-107 from Chainage 75.053 to 78.342.

iv) **SH-89**

The project road Siwan to Siswan (SH-89) is located in Siwan District of Bihar. It starts from AradiaChowk at Siwan on NH-85 and terminates at Siswan where it meets on Tejpur-Majhi-Siswan-Barauli MDR. The total length of the sub-project road is 33.065 km. It passes through mostly rural areas. Land use on the project corridor constitutes 45% of urban to semi-urban type with residential and commercial uses while the remaining 55% is under agricultural use. Important settlements along the project road are Siwan, Surapur, Chhapiya, Gopalpur, Sahuli, Nawada, Hasanpura, Jalalpur, Simri, Rajjanpura, Madhawapur, Rampur, BhagwanpurGhurghar, Chandpur and Siswan.

The road section does not pass through or located near any national park, wildlife sanctuary, reserved forests, or any other ecologically sensitive or protected areas. No archaeological/protected monument is located in the project vicinity. The overall terrain is wholly in flat terrain with gradual rise in ground elevations from south to north. Road elevations vary from ground level to typically 1.5 meters. The Daha River is instrumental for water stagnation in low-lying area due to backwater flow/over flow from the river. The water carrying capacities of the River have reduced over time due to siltation resulting in floods in the basin. The flood affects the subproject road from Hassanpura area up to Ghurghut including the Chainpur main market area.

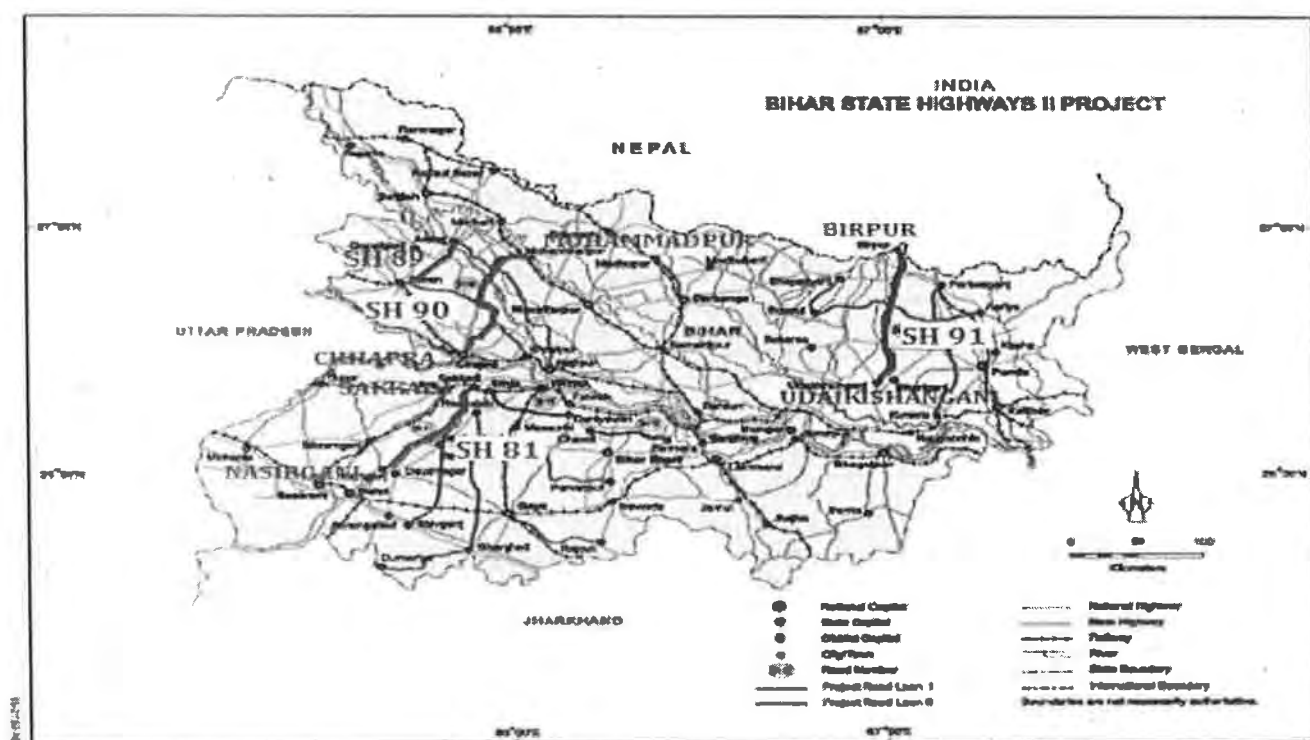
The summary of project roads are tabulated as below:-

Sl. No.	Contract Package No.	Name Of Road	Length in (km)	Name of Contractor	Contract Amount (in Rupees)	Date of Commencement	Stipulated Date of Completion
1	Package 2 SH -81	Sakaddi-Chandi-Sandesh – Bihta-Dhanwara-Nasirgunj	86.80 Km	M/s Patel Eng. Ltd. Note-The contractor, M/s Patel Eng.Ltd. has been terminated w.e.f. 25.08.2014	233,98,20,734.88	12 th Oct,2011	BSRDCL has terminated the Contract-under Sub-Clause 15.2 (a) , (b) & of (c) of GCC , letter No. BSRDC Ltd-704/2011(Part-I)/2012-1953, Patna, dated 25.08.2014

Environmental Monitoring Report of BSHP II (SH-81, 90, 91& 89) under loan no. 2663-IND

2	Package 3 SH -90	Mohammad pur- Rajapatti- Masrakh- Khaira- Chhapra	64.71Km	M/s Sadbhav GKC Joint Venture Note-The contractor, M/s Sadbhav GKC Joint Venture has been terminated w.e.f. 23.04.2014	201,82,42,614.13	12 th Oct,2011	BSRDCL has terminated the Contract-under Sub-Clause 15.2 (a) , (b) & of (c) of GCC , letter No. BSRDC Ltd- 1419/2014-963, Patna, dated 23.04.2014
3	Package 4 SH -91	Birpur- Balua-Jadia- Meerganj- MuraliganjU dakishangu nj	101.7 Km	M/s Gammon India Ltd.	328,89,32,905.50	12 th Oct,2011	10 th Oct,2014
4	Package 5 SH -89	Siwan- Siswan Road	33.065 Km	M/s BSC- C&C "JV"	149,89,90,375.51	12 th Aug. 2013	11 th Aug.2015

Site location map



1.2 Project Objectives:

The objective of the proposed Project is to reduce poverty and promote economic growth as well as all-round development in educational & health facilities and trade activities in the State by:

- (i) Increasing the efficiency of inter-state and intra-state transport services,
- (ii) Developing a sustainable road network maintenance system,
- (iii) Improving BSRDC's governance & transparency, and
- (iv) Promoting synergies in the Rural Development Programme.

1.3 Environmental Category:

All the subprojects were categorized as Environmental Category "B", according to ADB's Environment Policy (2002).

1.4 Environmental Performance Indicators (EPis):

The environmental performance indicators have been framed with the objective of carrying out project progress review. The physical, biological and social components identified to be significant in affecting the environment at critical locations have been suggested as performance indicators (PIs). The performance Indicators has been evaluated following three heads as:

- (i) Environmental condition indicators to determine efficiency of environmental management measures to control air, noise, soil and water pollution.
- (ii) Environmental management indicators to determine compliance with the suggested mitigation measures.
- (iii) Indicators regarding Communication of requirements with respect to ADB's environmental & social safeguards, national & state level Environmental rules & regulations.

1.5 Status of Environment /Safety Officer appointed by the Contractors

The Project Contractor's Managers of SH-81, SH-89 and SH-91 have provided details of nominated ESOs(Environment /Safety Officer) and all were found physically present during camps/sites visits of SC-Environment Specialist, REs/MEs/Field Engineers (SC). Names of ESOs working in different packages are given below.

S.No.	Name of SH	Name of Safety/Environment Officer of the Contractor
1	SH-81	Demobilized due to termination of the Contractor
2	SH-89	Mr. Major P.C.Azad
3	SH-90	Demobilized due to termination of the Contractor
4	SH-91	Mr.Mahesh Pd.Singh

2. Compliance Status with National /State /Local Statutory Environmental Requirements:

The environmental statutory approvals/ clearances for Phase II are related with permission for tree cutting from Forest Department, permissions from the Department of Mining, Directorate of explosive, consent for establish & operation of construction equipment such as Hot Mix Plants, Stone Crushers, Batching Plants, WMM Plants, DG sets etc. need to be obtained from the Bihar State Pollution Control Board (BSPCB) . BSRDC and Civil works contractors have either applied or obtained permissions required under the existing statutory environmental regulations. Contractor of package- 5(SH-89) have been instructed to obtain consents to operate from BSPCB for plants.

Package wise status is summarized below:

Sl. No.	Project	Statutory Environmental Requirements	Compliance Status
1	Package 2: SH -81, (Sakaddi-Nasirganj)	Approval for Tree Cutting	Tree cutting permission granted by D.F.O. Sasaram vide letter no.2492 dated 20.07.2013 for entire stretch.
		Consent to establish and operate a) HMP b) WMM c) Batching Plant	Construction activities have stopped since 25.08.2014 due to Notice of Termination under Contract-under Sub-Clause 15.2 (a) , (b) & of (c) of GCC , letter No. BSRDC Ltd-704/2011(Part-I)2012-1953 DATED 25.08.2014. It is expected that Re-tendering will be carried out and a new contractor will be appointed for completing remaining civil/construction works. Once, new contractor gets appointed, it will immediately ensure the in-time filing of fresh NOCs applications and obtaining of same from BSPCB.
		NOC for Fuel Station	Do
		PUC Certificates for contractors vehicles	Do
2	Package 3/SH -90, (Mohammadpur-Chhapra) BSRDCL has terminated the	Approval for Tree Cutting	Approval for tree cutting obtained from Divisional forest Officer Saran (Chhapra) by letter no.1693 dated 22.07.2013
		Consent to establish and operate	Construction activities have stopped since 23.04.2014 due to Notice of Termination under Contract-under Sub-

Environmental Monitoring Report of BSHP II (SH-81, 90, 91& 89) under loan no. 2663-IND

	Contract-under Sub-Clause 15.2 (a) , (b) & of (c) of GCC , letter No. BSRDC Ltd-1419/2014-963, Patna, dated 23.04.2014	a)HMP b)WMM c)Batching Plant	Clause 15.2 (a) , (b) & of (c) of GCC , letter No. BSRDC Ltd-1419/2014-963, Patna, dated 23.04.2014 It is expected that Re-tendering will be carried out and a new contractor will be appointed for completing remaining civil/construction works. Once, new contractor gets appointed, it will immediately ensure the in-time filing of fresh NOCs applications and obtaining of same from BSPCB.
		NOC for Fuel Station	Do
		PUC Certificates for contractors vehicles	Do
3	Package 4/SH -91, (Birpur-Udaikishanganj)	Approval for Tree Cutting	Approval of tree cutting still awaited.
		Consent to establish and operate a)HMP b)WMM c)Batching Plant	Consent to establish HMP and Batching Plant at Meerganj obtained from SPCB by Ref No. PT (NOC)2600/12 - 8071,1647/12 T-8070 dated 13.06.2013, Received Emission Consent Order vide letter no. PT(NOC)-2599/12-T-3049 dated 06.03.14 to operate Batching plant at MeerganjCamp site, Consent valid from 16.12.2013 to 31.12.2016 Received Discharge Consent Order vide letter no. P/T-2-0/14-T-3050 dated 06.03.2014to operate Batching plant at forMeerganj Camp site, Consent valid from 16.12.2013 to 31.12.2016 Received Emission Consent Order vide letter no. PT(NOC)-2600/12-T-3704 dated 27.03.14 to operate Hot Mix Plant at MeerganjCamp site, Consent valid from 16.12.2013 to 31.12.2016 Received Discharge Consent Order vide letter no. P/T-2-0/14-T-3705 dated 27.03.14to operate Hot Mix Plant atMeerganj Camp site, Consent valid from 16.12.2013 to 31.12.2016
		NOC for Fuel Station	Obtained.valid up to 31.12.2015

		PUC Certificates for contractors vehicles	PUC certificates available with contractor.
4	Package 5/SH -89, (Siwan-Siswan)	Approval for Tree Cutting	Tree cutting permission granted by D.F.O. Gopalganj vide letter no. 1519 dated 22.11.2013. for entire stretch
		Consent to establish and operate a)HMP b)WMM c)Batching Plant	Consent to establish HMP,WMM and Batching Plant at MadhopurTarnenwa obtained from SPCB by Ref No. PT (NOC)1067/14, Memo No. T- 8725 dated 05.08.2014,
		NOC for Fuel Station	Yet to establish. NOC is Under process.
		PUC Certificates for contractors vehicles	PUC certificates available with contractor.

3. Compliance Status with the Environmental Covenants as Stipulated in the Loan Agreement

BSRDCLtd is implementing sub-projects under Project (Loan agreement no. (2663). According to the loan agreement, the IEEs should ensure that sub-projects are not located within national park and wildlife sanctuaries and monuments of cultural and historical importance should be avoided. Route selection surveys and detailed surveys were carried out prior to the design of the sub-project activities for complying with the above conditions. The sub-projects sites are not passing through any wildlife sanctuary or national park. No sensitive area or monuments of cultural and historical importance is affected by the project activities. The sub-projects were planned, designed, and implemented in complying with the other conditions of the loan agreement. The environmental compliance requirements as per the Loan Agreement and its compliance status is summarized and presented in Table 3.1

Table 3.1: Environmental Compliance Requirements as per Loan Agreement and Present Status

Schedule& Para No.	Description	Status of Compliance/ Remarks
Schedule V, Para No. 5 a.	The Borrower shall cause the State and BSRDC to ensure that Project is designed, constructed, operated, and maintained in accordance with the environmental laws and regulations of the Borrower, the State, and ADB's Safeguard Policy Statement (2009).	Being complied
Schedule 5, Para No. 5 b.	The Borrower shall cause the State and BSRDC to ensure that the EMP and the mitigation measures included therein, as specified in the IEEs, are properly implemented.	Being complied
Schedule 5, Para No. 5 c.	The Borrower shall cause the State and BSRDC to ensure that mitigation measures set out in the EMP are incorporated into the bidding documents and Works contracts, and are updated, if necessary, in the course of Project implementation with prior approval of ADB.	EMP is incorporated in bid documents.
Schedule 5, Para No. 5 c.	The Borrower shall cause the State and BSRDC to ensure that mitigation measures set out in the EMP are incorporated into the bidding documents and Works contracts, and are updated, if necessary, in the course of Project implementation with prior approval of ADB.	EMP is incorporated in bid documents.
Schedule 5, Para No. d.	The Borrower shall cause the State and BSRDC to ensure that all environmental permits, licenses and Clearances are obtained in a timely manner prior to commencement of works in the relevant section of the project roads.	Being complied..
Schedule 5, Para No. 5 e.	The Borrower shall cause the State and BSRDC to ensure that any adverse impact on the environment the may arise from the Project implementation is promptly mitigated or minimized in accordance with the EMPs.	Being implemented.
Schedule 5, Para No. f.	The Borrower shall cause the State and BSRDC to ensure that implementation of the EMPs, including any safety breaches, violation of environmental standards, and corrective measures taken in respect thereof are reported semi-annually to ADB.	Semi- annual report is being submitted.
Schedule 5, Para No. 5 g.	The Borrower shall cause the State and BSRDC to ensure that reports and information are provided to ADB on request to enable it to verify that the Goods, Works, and consulting services financed out of the proceeds of the Loan, have been in a responsible manner with a view to resource efficiency, waste minimization, and other environmental considerations.	The information is being compiled.
Schedule 5, Para No. 6	The State through BSRDC shall report any change in the alignment of any Project road to ADB, so as to determine if additional environmental assessment study is necessary.	Shall be reported.

4. Compliance status with environmental management and monitoring plans as stipulated in the environmental documentation as agreed with ADB:

To ensure the effective implementation of EMP, special conditions have been included in the bid document, making the contractor responsible for implementation of the EMP. According to these conditions, the contractor will be responsible for adhering to the relevant mitigation measures that are set out in the EMP while implementing the project.

Supervision Consultants through its environmental expert closely monitors the implementation of environmental management and monitoring plan (EMMP) for all packages through regular review meetings held with the REs and Contractors and by visiting the construction sites. Various ongoing works were reviewed and during visits to the aforementioned contract packages, meetings were held with same and information were sought on various aspects w.r.t compliances to various clauses of EMP. During meetings following issues were reviewed and Contractors were requested for their compliances:

- To maintain Traffic and Safety management in each of the CD structures under construction as well as road works.
- Sprinkling water on unpaved surfaces to control dust in camp and particularly in sections passing through the settlement areas or habitations.
- Following up towards Obtaining Consent to Operate for Hot Mix Plants, WMM Plant, Batching Plant etc. for SH-89.
- Provide and maintain First aid facility in each active construction sites besides the campsites.
- Waste oil and lubricants containment, storage/handling.
- To improve and maintain the House keeping at each of the campsites.
- Waste handling and their safe disposal and in case of suitability, their reuse.
- Procurement, distribution, motivation and use of PPEs by workers.

Table4 .1: Status of Compliances to Environmental Issues Addressed in the Environmental Management Plan

Project Activity / Issues	Package 2/SH-81	Package3/SH-90	Package 4/SH-91	Package 5/SH-89
Construction Stage Campsite establishment, mobilization status of vehicles and machinery etc.				
Location of crushers, Hot Mix and WMM plants etc.	Construction activities have stopped in SH-81 due to termination of project employer.	Construction activities have stopped in SH-90 due to termination of project by employer.	HMP and Batching Plant established at village – Meerganj Ch-75+360 of Virpur to Udakisanganj road. One WMM plant established at Chhatapur.	WMM Plant- 1 no. Batching Plant-1 no. Hot Mix Plant-1 no. WMM.HMP & Batching Plant established at Base Camp at Km 33.065 in Village: Madhopur, Tarenwa, Siswan,
Mobilization of construction equipments, machineries and vehicles	Construction activities have stopped in SH-81 due to termination of project by contractor & employer.	Construction activities have stopped in SH-90 due to termination of project by contractor & employer.	Motor grader-4 Vibratory Roller -5 Tandem V.Roller-2 Tipper-10 Excavator-5 WMM Paver-2 Transit mixer -6 JCB -3 Water Tanker-4 Location& no. of machinery/equipments change time to time as per work requirements	Motor grader-3 Vibratory Roller-4 Tandem V. Roller -1 Tipper-30 Excavator-2 WMM Paver-2 Transit mixer -3 Location& no. of machinery/equipments change time to time as per work requirements
Quarry sites establishment, Labour force mobilization, arrangements for construction water, disposal site selection, construction campsite establishment, arrangement of temporary land .				
Establishment of quarry sites	Construction activities have stopped in SH-81 due to termination of project by contractor & employer.	Construction activities have stopped in SH-90 due to termination of project by contractor & employer.	Aggregates are procured from established quarry sites and licensed quarries owned by 3 rd parties	Aggregates are procured from established quarry sites and licensed quarries owned by 3 rd parties
Arrangement for construction water	Do	Do	Bore -well	Bore -well

Labour requirements and arrangements	Do	Do	Labours come from nearby local areas.	Labours come from nearby local areas.
Status of construction camp-location, design and Lay out	Construction activities have stopped in SH-81 due to termination of project by contractor & employer.	Construction activities have stopped in SH-90 due to termination of project by contractor & employer.	Main camp Meerganj (Ch75+360)& sub base camp at Chatapur (Virpur to Udakisanganj road)and is in operation.	At Village: Madhopur, Tarenwa, Siswan, 2.0 Km from Junction (Km.33+065, SH-89) and is in operation.
Status of arrangements for temporary land	Construction activities have stopped in SH-81 due to termination of project by contractor & employer.	Construction activities have stopped in SH-90 due to termination of project by contractor & employer.	Mainly for construction camp, Plants establishment & Worker's camp Contractor obtained Consent/Agreement from land owners.	Mainly for construction camp, Plants establishment & Worker's camp Contractor has been asked to submit Consent /Agreement from land owners.
Site Clearance				
Generationof debris from dismantling structures, road surfaces and their disposal status	No much debris is generated. The generated debris and dismantling material, if suitable, is being reused within ROW below Earth shoulder & pothole filling.			
Disposal of construction waste, location and plan	Contractors have been instructed to look for debris disposal sites for dumping of un-utilizable construction waste. Contractors have been instructed to utilize scrap bitumen surfaces to strengthen access roads as well as for diversion.			
Accessibility for road users during construction work	As & when required, proper diversion is being provided by the contractors in different sub-projects during construction work. Each of the Contractors has been instructed to arrange adequate safety provisions for the safety of the road users with special emphasis to night travelers.			
Planning for traffic movement during construction work	Contractors have been instructed to develop detailed traffic control plans for each active work sites as required, seek approval of the plan from the Engineer-in-charge/RE and implement the plan with special emphasis to locations, night users and pedestrian users and provide Traffic cones, barricading, informatory sign boards in each of the construction site. Contractor has been instructed to use retro reflective appliances for night visibility			

Water Pollution	
Water pollution from construction wastes	Construction work close to any streams or water bodies is being taken carefully so that construction debris or waste concrete does not enter water bodies. Contractors have been further instructed to take measures to prevent the wastewater produced in construction from entering directly into water bodies or the irrigation systems. They have been asked to ensure that all vehicle/machinery and equipment operation, maintenance and refueling will be carried out at the designated locations and in such a fashion that spillage of fuels and lubricants does not contaminate the water.
Water pollution from fuel and lubricants and collection system to avoid pollution	Vehicles are maintained at workshops away from streams, channels and stagnant water bodies. No incidence has been observed revealing runoff water flowing from campsites and carrying spilled oil/bitumen/lubricants to water stream. Contractors are carrying out Water Quality monitoring as per the prescribed monitoring plan of Environment Monitoring Plan.
Air Pollution	
Arrangements made to check the dust pollution	Water sprinkling is being carried out at active working stretches to check dust emission particularly in sections passing through the settlement areas or habitations. Contractors have been advised to regulate frequency of water sprinkling depending on weather conditions and the local requirements. Contractors have been instructed to keep the vehicles covered/fitted with Tailboard(to control dust pollution/spill of construction material) and also not to overload. Contractors are carrying out Air Quality monitoring as per the prescribed monitoring plan of Environment Monitoring Plan.
Emission from construction vehicles, equipment and machineries. Arrangements made to check air pollution	Contractors have been instructed to maintain periodically Vehicles/equipment to check extra emissions. Contractors have obtained Pollution Under Control certificates.
Noise Pollution	
Arrangements made to check noise pollution from equipment machineries and Vehicles etc.	Contractors are carrying out noise level monitoring as per the prescribed monitoring plan of Environment Monitoring Plan to have an idea about the persisting noise level of the operational areas & maintain Vehicles/equipment periodically to check extra noise generation.
Safety	
Personal safety measures adopted for laborers	Only few of the workers seem to be using Personnel Protective Equipment (PPE). Hence, each of the Contractors has been instructed to procure PPE, distribute and motivate workers towards their use. Importance of PPE at Hot Mix work sites, concrete work sites and Bridge Work has been emphasized.

First aid facility	Has been provided in the all campsites. All the Contractors have been instructed to keep First aid Kit at all active work sites to have an easy access by all workers. Also nearby Health Centers have been liaised for first hand treatment provision.
Workers Camp Management	
Accommodation with amenities provided	At present employees are accommodated having drinking water facility, kitchen facility, drainage system, sewage system, Electricity provisions etc.
Potable water arrangement	Bore-well water and public water supply is being used for drinking purpose. R.O (Water purifier) installed for drinking water.
Sanitation, and sewage system planning	Septic tanks and soak pits are operational in accommodation sites.
Details and locations for waste disposal	Organic wastes (Kitchen waste or so) are being disposed in pits and these are later composted.

5. Approach and methodology engaged for environmental monitoring of the project

Construction work in two (SH-89&SH-91) subprojects is in progress. Government of Bihar has commissioned the services of Intercontinental Consultants and Technocrats Pvt. Ltd. (ICT), In JV Rodic Consultants Pvt. Ltd. to supervise the construction activity including implementation of Environmental Management Plan by Contractor.

Constant monitoring of EMP implementation on under construction projects is being carried out by SC and PIU.

Concerned staff of SC regularly visit the construction sites and report to their RE/Team Leader about issues/problems related to environment and non-compliance of measures as given in EMP. Necessary directions, in case of non-compliance, are being given to the contractors on the site and through the writings about the procedures to resolve problems/issues or requirements.

The supervision consultant submits periodic report to BSRDC that includes information on implementation of EMMP. The environmental information captured in these reports includes statutory clearances obtained by contractor, environmental monitoring status of construction sites, pollution control measures being adopted, and measures for workers safety at construction site and camp site etc.

6. Monitoring of environmental receptors/ attributes (e.g. ambient air, surface water, ground water, noise etc.):

The environmental monitoring has been carried out for (SH-89 &SH-91) contract packages 4 & 5. The contractors working on projects were asked to hire the environmental monitoring agency approved by MOEF/NABL to monitor air, water and noise parameters. For two contract packages, in which environmental monitoring was carried out, contractors engaged the Microtech Systems and Services, Dhanbad, Jharkhand for environmental monitoring work. Microtech Systems and Services have been accredited by NABL. The

values of all the air quality parameters, water quality and Noise levels, observed at all the sites, are within the permissible limits.

Latest Package wise monitoring detail summarized below:

Package/SH	Monitoring month	Monitoring result
Package-4/SH-91	DEC 2014	Within permissible limit
Package-5/SH-89	DEC . 2014	Within permissible limit

7. Any other environmental aspects, impacts observed during implementation which were not covered earlier

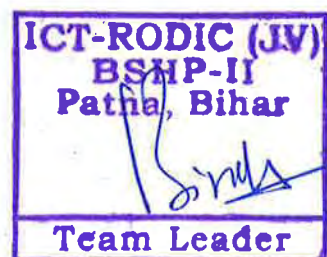
There is no such environmental aspect that was not covered earlier.

8. Details of complaints received from public and actions taken thereof to resolve

So far, no complaints from public have been received regarding any items, especially EMP of construction works in different contract package.

9. Follow-up actions and conclusions:

Supervision consultant has assessed that the implementation of EMP during the reporting period is satisfactory. However, some areas such as safety arrangements, traffic management and usage of personal protective equipment (PPE) by the construction workers require to be improved further. SC has instructed the civil work Contractors to take appropriate mitigation actions to improve implementation of traffic and worker safety measures and dust control measures by carry out regular water sprinkling in dust prone areas, and to ensure that all workmen and staff employed on site use safety gear provided to them.





पर्यावरण एवं वन विभाग, बिहार सरकार

कार्यालय वन प्रमंडल पदाधिकारी, गोपालगंज वन प्रमंडल, गोपालगंज।

पत्रांक 1519 / दिनांक 29.11.2013

प्रेषक-

गोला प्रसाद, भा.प.री.
वन प्रमंडल पदाधिकारी,
गोपालगंज वन प्रमंडल, गोपालगंज।

सेवा में-

उप महा प्रबन्धक (तकनीकी)
परियोजना कार्यान्वयन ईकाई-3

बिहार स्टेट रोड डेवलपमेंट, हाजीपुर।

विषय-

गोपालगंज वन प्रमंडल के अन्तर्गत सिवान जिला में पड़ने वाले सिवान-सिसवान पथ (SH-89) किमी 0.00 से 33.00 किमी खण्ड के वृक्षों के पातन के सम्बन्ध में।

प्रसंग-

उप महा प्रबन्धक (तकनीकी), परियोजना कार्यान्वयन ईकाई-3 बिहार स्टेट रोड, डेवलपमेंट कॉरपोरेशन लिमिटेड, हाजीपुर का पत्रांक 233 दिनांक 14/3/2011 एवं 703 दिनांक 22.10.2013 तथा 741 (We) दिनांक 07.11.2013

समाचार-

उपयुक्त विषयक प्रसंगाधीन पत्र के सम्बन्ध में उप महा प्रबन्धक, (तकनीकी) परियोजना कार्यान्वयन ईकाई-3 बिहार स्टेट रोड डेवलपमेंट कॉरपोरेशन लिमिटेड, हाजीपुर के कर्मचारियों एवं वन विभाग के कर्मचारी/पदाधिकारियों के संयुक्त गणना के पश्चात राज्य उच्च पथ संख्या 89 (सिवान-सिसवान) पथ के किमी 0.00 से किमी 33.00 के दोनों ओर रॉटर लाईन से 10 मीटर के वृक्षों के पातन की अनुमति निम्न शर्तों पर दी जाती है।

उपरोक्त स्थलों पर अवस्थित प्रजातिवार वृक्ष की गणना सूची को दो प्रति में पंजी में संचारित कर लिया जाय। एक प्रति पंजी वनी क्षेत्र पदाधिकारी, सिवान को हस्तगत करा दी जाय।

प्रजातिवार पातित वृक्षों से प्राप्त टुकड़ों की संख्या, मापी तथा प्राप्त काष्ठ का परिमाण घन मीटर में पंजी में अंकित किया जायेगा।

वन विभाग द्वारा प्राधिकृत कर्मचारी/पदाधिकारियों के समक्ष ही वृक्षों का पातन किया जायेगा।

सुचारु के पश्चात वृक्षों का पातन नहीं किया जायेगा।

वृक्षों का पातन एक तरफ से आरंभ कर बढ़ते कम में दूसरी तरफ लगातार होगा। पातन के पश्चात गोटा पर वृक्ष का गन्धर कात्ता पेन्ट से मार्किंग लिस्ट के अनुरूप अंकित किया जाएगा। पातन यथासंभव जमीन से राटा कर किया जाएगा। किन्तु पेड़ के नीचे का मार्किंग सुरक्षित रखा जाएगा।

वृक्षों का पातन इस प्रकार किया जायेगा जिसमें सड़क पर परिवहन आवागमन में कोई बाधा/अस्त-व्यस्तता न हो और आस-पास के क्षेत्रों में किररी चल या अचल सम्पदा का

1. नुकसान न हो। यदि किसी सम्पदा का कोई नुकसान होता है तो इसकी पूरी जिम्मेवारी कार्य करने वाले एजेंसी पर होगी।
2. वृक्षों के पातन से संड़क संचार/बिजली संचार में किसी प्रकार की बाधा उत्पन्न होने पर इसकी जिम्मेवारी कार्य करने वाले एजेंसी की होगी।
3. वृक्ष के पातन के दौरान जान-माल की कोई क्षति न हो इसकी सुरक्षा का उपाय की जिम्मेवारी कार्य करने वाले एजेंसी पर होगी।
4. वृक्षों के पातन की गति तथा उसके निष्कारन और पारिंग की गति में कार्य विभाग द्वारा इस तरह से मार्गजस्य रखा जाएगा जिससे स्थल पर काष्ठ का संग्रह कम से कम समय के लिए हो।
5. एक पातन खंड का पातन पूर्ण होने के बाद ही क्रमिक रूप से दूसरे पातन खंड में पातन कार्य कार्य विभाग द्वारा आरंभ किया जाएगा।
6. कार्य एजेंसी द्वारा पातन पंजी संधारित की जाएगी। पातन पंजी में पूर्ण किमी० के वृक्ष संख्या दर्ज की जाएगी। पातन की तिथि और वृक्षों के प्रकाष्ठन के पश्चात काष्ठ के प्रत्येक टुकड़े की गणनी ०.०१० में पातन पंजी में दर्ज वृक्ष संख्या के सामने दर्ज की जाएगी।
7. प्रत्येक टुकड़े पर मार्किंग लिस्ट के अनुसार वृक्ष की संख्या और टुकड़े की संख्या कोलताए से अधिक मोटाई वाले किनारे पर अंकित की जाएगी। उदाहरण स्वरूप यदि 10 न० वृक्ष लकड़ी के पाँच टुकड़ें किये जाते हैं तो जड़ की तरफ से पहला टुकड़ा 10/1, दूसरा टुकड़ा 10/2 अंकित किया जाएगा और इसी प्रकार आगे 10/3, 10/4, और 10/5 अंकित किया जाएगा।
8. पातल वृक्ष जो पोल, खुंटा एवं जलावन के योग्य दोनों अंकित किया जाएगा।
9. प्रत्येक वृक्ष से प्राप्त होने वाले मोलों एवं खुंटों की संख्या पंजी में दर्ज करनी होगी विभाग के अधिकारी/कर्मचारी आवश्यकतानुसार समय-समय पर पातन पंजी का निरीक्षण करेंगे।
10. प्रकाष्ठन के बाद काष्ठ के प्रत्येक टुकड़े पर, उसके गोटे सिरे पर वन विभाग का पारिंग हैगर होना आवश्यक होगा।
11. पातित स्थल से वनोत्पाद का परिवहन अनुज्ञा पत्र के साथ ही किया जाएगा। गंतव्य स्थल तक वन उत्पाद का परिवहन अनुज्ञा पत्र वन क्षेत्र पदाधिकारी/वनपाल द्वारा निर्गत की जाएगी।
12. पातित वृक्ष से प्राप्त काष्ठ अर्थात् वनागार चैनपुर मोयारकपुर में संग्रहित की जाएगी।
13. वृक्षों का पातन आप कब प्रारंभ करेंगे, कितनी अवधि के अन्दर सभी 1129 (एक हजार एक सौ उन्तीस) वृक्षों के पातन एवं रूपान्तरण पूरी कर ली जायेगी की सूचना अधोहस्ताक्षरी को पातन प्रारंभ करने से एक सप्ताह पहले देनी होगी, ताकि पातन हेतु रागुचित व्यवस्था की जा सके।

विश्वासभाजन

(Handwritten Signature)

वन प्रमंडल पदाधिकारी

गोपालगंज वन प्रमंडल, गोपालगंज
28/01/17



BIHAR STATE POLLUTION CONTROL BOARD

Belton Bhawan, Shastri Nagar, Patna - 800 023

EPABX - 0612-2281250/2282265, Fax - 0612-2281050

E-mail-bspbcb@vsnl.net, Website - <http://bspbcb.bih.nic.in>

Ref.No: PT(NOC)-1067/14

Patna, Dated:-

'CONSENT-TO-ESTABLISH' (NOC)

UNDER SECTIONS 25/26 OF THE WATER (PREVENATION AND CONTROL OF POLLUTION) ACT, 1974 AND 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981

REFERENCE :

- (i) Name and Address of the Proponent, The Authorised Signatory, M/s. BSC-C & 'JV' At-Daulatpur, P.O.- Garbhuchak, P.S.-Fatuha, Distt- Patna-803201; and
- (ii) Application No. 47579, dated:10.02.2014 of the proponent to establish Batching Plant, Hot Mix Plant, W.M.M Plant with D.G.Set for Road Construction on Site: Mauza:Tarnenwa, Khata No- 362,313,166,60,163,54,35,3,49,104,105, Khesra No- 81,190,132,117,19,76,1389,75,213,279,231, Dist.- Siwan for plant capacity:
 - (a) Hot Mix Plant- 120 TPH
 - (b) Batching Plant - 30 m³ /hr. and
 - (c) W.M.M Plant - 1400 MT/day.

AFTER CONSIDERING :

- (i) The facts stated in their Application;
- (ii) Bihar State Pollution Control Board's Notification No. 26, dated 08.11.2003;
- (iii) Provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981.
- (iv) The inspection report/check list dated: 17.06.2014.

NOC IN FAVOUR OF THE PROPONENT AT THE SAID SITE IS HEREBY ACCORDED SUBJECT TO THE FOLLOWING CONDITIONS :

- (i) The proponent shall obtain 'Consent-to-Operate' under section 21 of the Air Act, 1981 and under section 25 & 26 of the Water (prevention & Control) Act, 1974 prior to commissioning of the plant from Bihar State Pollution Control Board.
- (ii) The final effluent / emission if any, shall conform to the standard as prescribed under The Rules;
- (iii) The unit shall establish hot mix plant at minimum distance of 200 m. from habitation, NH/SH.
- (iv) The hot mix plant with its pollution control arrangement shall be established as per State of The Art Technology;
- (v) The unit shall provide adequate dust extraction/ suppression system at various dust generating points. They shall provide water sprinkling arrangement to suppress the dust emission around the plant;
- (vi) The plant shall be wound- up after completion of the Road Project;
- (vii) The unit shall install D.G. set with acoustic enclosure or in acoustically treated room with specification prescribed by the CPCB;
- (viii) They shall meet the noise level due to the unit/D.G. set out side the premises, within the ambient air quality standards;
- (ix) The minimum height of stack for exhaust emission to be provided with D.G. set shall be 2.0 meter than the height of the building where it is installed;
- (x) The unit shall plant trees around the premises & maintain.

NOTE :

1. Bihar State Pollution Control Board reserves the option to revise or add other conditions, if necessary, for protection of Environment In general and for pollution control in particular.

2. The present NOC should not be construed as an assurance for the grant of 'Consent-to-Operate' the proposed Plant but shall be subject to compliance of all the conditions indicated above.
3. The NOC granted, shall be valid for a period of six months from the date of issue.
4. Issued under the instructions of the Competent Authority.

Sd/-
(Rakesh Kumar)
Member-Secretary

Memo No.:-

7-8225

Patna, Dated :- 05/08/14

Copy forwarded to The Authorised Signatory, M/s. BSC-C & C 'JV' At-Daulatpur, P.O.-
Garbhuchak, P.S.-Fatuha, Distt- Patna-803201/ Regional Officer, Muz/ Concern AEE,
Patna for favour of information & necessary action.

(Rakesh Kumar)
Member-Secretary



MICROTECH SYSTEMS & SERVICES

TEST REPORT OF AMBIENT AIR QUALITY ALONG THE SH-89 UNDER BSC-C&C (JV) ALONG THE SIWAN-SISWAN ROAD PROJECT (BIHAR) DURING CONSTRUCTION STAGE (DEC-2014)

Sl. No.	Parameters	Location			Permissible Limit for Industrial Area
		Hot Mix Plant (24 Hours) Dt: 29.12.2014	WMM Plant (24 Hours) Dt: 29.12.2014	Batching Plant (24 Hours) Dt: 29.12.2014	
1.	PM ₁₀ $\mu\text{g}/\text{m}^3$	66	74	63	100
2.	PM _{2.5} $\mu\text{g}/\text{m}^3$	40	44	38	60
3.	SO ₂ $\mu\text{g}/\text{m}^3$	19.1	19.6	18.9	80
4.	NO _x $\mu\text{g}/\text{m}^3$	22.4	22.8	21.3	80
5.	CO $\mu\text{g}/\text{m}^3$	2.9	2.7	3.2	4

All units are expressed in $\mu\text{g}/\text{m}^3$

CO DETECTION LIMIT ($\mu\text{g}/\text{m}^3$) = 2500

BDL = Below Detection Limit

INSTRUMENT : Make - INSTRUMEX Respirable Dust Sampler Model : IPM115 BL

Calibration on : Oct 2014

Due on : Oct 2015

RESULTS OF NOISE MONITORING ALONG THE SH-89 UNDER BSC-C&C (JV) ALONG THE SIWAN - SISWAN ROAD PROJECT (BIHAR) DURING CONSTRUCTION STAGE (DEC-2014)

CONSTRUCTION STAGE (DEC-2014)							
1. Location : Ch: 24+100 Chhitauli Camp (RHS)				Dt: 29.12.2014			
PERIOD OF MONITORING	Noise level dB (A)			Permissible Limit			
	MAX	MIN	Average	Industrial	Commercial	Residential	Silence
DAY TIME	69.20	65.30	67.35	75	65	55	50
NIGHT TIME	64.80	60.30	62.55	70	55	44	40

2. Location : Base Camp		Dt: 29.12.2014					
PERIOD OF MONITORING	Noise level dB (A)			Permissible Limit			
	MAX	MIN	Average	Industrial	Commercial	Residential	Silence
DAY TIME	66.70	61.90	64.30	75	65	55	50
NIGHT TIME	61.00	57.30	59.15	70	55	44	40

3. Location : DG Set 125 KVA (Base Camp)				Dt: 29.12.2014			
PERIOD OF MONITORING	Noise level dB (A)			Permissible Limit			
	MAX	MIN	Average	Industrial	Commercial	Residential	Silence
DAY TIME	66.50	62.90	64.70	75	65	55	50
NIGHT TIME	62.00	58.70	60.35	70	55	44	40

Equipment : B&K Model No : 1351

Calibrated on : April 2014

Due on : April 2015

Date of Reporting: 10.01.2015

For Microtech Systems & Services

Head Office:

Ajanta Para, Hirapur, Dhanbad - 826001

Phone : 0326-2210342, Mobile : 9431122149, E-mail : microtechss@yahoo.co.in

(N.K. Singh)

Application Chemist



MICROTECH SYSTEMS & SERVICES

TEST REPORT OF POTABLE WATER QUALITY ALONG THE SH-89 UNDER BSC-C&C (JV) ALONG THE SIWAN - SIWAN ROAD PROJECT (BIHAR) DURING CONSTRUCTION STAGE (DEC-2014)

Parameters	Methods of Test Ref to IS	LOCATION	
		Base Camp (Borewell) Dt: 29.12.2014	Permissible Limit IS : 10500
Colour	3025(Part 4):1983	1.8	5
Odour	3025(Part 5):1983	Unobjectionable	Unobjectionable
Taste	3025(Part 7&8):1984	Agreeable	Agreeable
PH	3025(Part 11):1984	7.8	6.5-8.5
Turbidity (NTU)	3025(Part 10):1984	3.2	10
Dissolved Solid (mg/l)	3025(Part 16):1984	278	2000
Alkalinity (mg/l)	13 of 3025: 1964	173	600
Total Hardness (mg/l)	3025(Part 21):1983	57	600
Fluoride as F (mg/l)	23 of 3025 : 1964	Nil	1.5
Sulphate as SO ₄ (mg/l)	3025(Part 24):1986	11.9	400
Chlorides as Cl (mg/l)	3025(Part 32):1988	10.6	1000
Residual Free Chlorine(mg/l)	3025(Part 26):1986	Nil	-
Iron as Fe (mg/l)	32 of 3025:1964	0.25	1.00
Calcium as Ca (mg/l)	3025(Part 40):1991	51.7	200
Total Coliform (MPN/100ml)	3025	Nil	< 10
Fecal Coliform per 100ml	3025	Absent	Absent

Sampling Type : Grab Sampling

BDL

: Below Detectable Limit

TEST REPORT OF SURFACE WATER QUALITY ALONG THE SH-89 UNDER BSC-C&C (JV) ALONG THE SIWAN - SIWAN ROAD PROJECT (BIHAR) DURING CONSTRUCTION STAGE (DEC-2014)

Parameters	Methods of Test Ref to IS	Location	
		Base Camp Outlet Dt: 29.12.2014	Limit as per IS : 2296 C
PH	IS 3025(Part 11):1983	7.9	5.5 - 9.0
BOD (mg/l)	IS 3025(Part 44):1993	29	30
COD (mg/l)	IS 3025(Part 55):2006	97	250
SS (mg/l)	IS 3025(Part 17):1984	76	100
Oil & Grease(mg/l)	IS 3025(Part 39):1991	4.9	10

Sampling Type : Grab Sampling

BDL : Below Detectable Limit

Date of Reporting: 10.01.2015

For Microtech Systems & Services

Head Office :

Ajanta Para, Hirapur, Dhanbad - 826001 Application Chemist.

Phone : 0326-2210342, Mobile : 9431122149, E-mail : microtechss@yahoo.co.in



THE NEW INDIA ASSURANCE CO. LTD.
(Wholly owned by the Govt. of India)

CONTRACTOR'S ALL RISKS INSURANCE POLICY

Customer ID	: PO23129608		
Insured's Details		Issuing Office Details	
Insured Name	: BSC C&C JV(PO23129608)	Office Code	: LUDHIANA DOI (360100)
Address	: GURGAON HARYANA	Address	: B.NCHOWK FIROZPUR ROAD LUDHIANA
	: HARYANA, 122001		: PUNJAB, 141001
Phone No	:	Phone No	: 01812556532
E-mail/Fax	: /	E-mail/Fax	: nls.360100@newindia.co.in /
PAN No	:	S.Tax Regn. No	: AAACN4185GST178

Policy Details			
Policy Number	: 36010044130300000010	Business Source Code	
Period of Insurance	: From:11/09/2013 12:06:54 PM To: 10/09/2016 11:59:59 PM	Dev.Off./Broker	: K.M. DASTUR REINSURANCE BROKERS PVT. LTD. (DM2615680) DO I 360100 LDH(DELHI) (6100058021)
Date of Proposal	: 11-Sep-13	Agent/Bancassurance	:
Prev. Policy no.	:	Phone No	: 2324592, (022)22855656, / NA
Client Type	: Corporate	E-mail/Fax	: /

Premium	Service Tax	Total	Receipt No. & Date:
2386791	296285	2684046	36010081130000003314-11/09/13

* Premium subject to adjustment on completion of the Project.

Location of Contract site	Risk Address : 1 SIWAN SISWAN ROAD, SH 89, SIWAN, BIHAR, INDIA, 832035
---------------------------	--

Principal(s)/ Contractor/ sub-contractor Details		
Sl. No.	Name	Address
1	BIHAR STATE ROAD DEVELOPMENT CORPORATION LTD	RCD MECHANICAL WORKSHOP CAMPUS (NEAR PATNA AIRPORT)SHEIKHPURA PATNA, BIHAR.

Financier(s) Details		
Sl. No.	Name of the Financiers	Address of the Financier's Branch

Sl. No.	Description of Contract Works
1	1) All the permanent and temporary works of the contract entered into by with the Principal and/or to be entered with various Subcontractors including all the services, materials and equipment. 2) and/or stores including Owner Supplied Free Items for Improvement/Upgradation of Siwan-Siwan Road (SH-89) Length- 33.065Km in the State of Bihar 3) NA

Sl. No.	Period of Insurance
1	Period of Insurance From : 11/09/2013 12:06:54 PM To : 10/09/2016 11:59:59 PM plus 12 months maintenance period

Co-Insurance Details			
Sl. No.	Company	Site	Co-Insurance %
1	NEW INDIA ASSURANCE CO. LTD.	N/A	100

Section 1 - Material Damage :

1.1. Contract works (Permanent and Temporary works including all materials to be incorporated therein)

Sl. No.	1.1) Contract price	1.2) Materials or Items supplied by the Principal	2) Any other works and installations not included in 1.1 and 1.2 above (e.g. camp, colony, stores etc. as per list enclosed)	Total Contract Sum
1	Rs.1486980376	Rs.0	Rs.0	Rs.1486980376





THE NEW INDIA ASSURANCE CO. LTD.
(Wholly owned by the Govt. of India)

3. Contractors Plant and Machinery (Memo 4) as per list enclosed								
Item No.	Quantity	Description of Items (Type, Manufacture, Capacity)	Year of Manufacture	Sum Insured (In Rs.)	Risk Code	Excess due to AOD Perils	Excess due to Other than AOD Perils	Excess for Boom Section
4. Add on Covers								
1. Owners Surrounding Property								
Sl. No.		Limit of Indemnity				Excess		
1		Upto 10% of SI With Flexa				Policy Excess		
2. Additional Custom Duty								
Sl.		No. Limit of Indemnity				Excess		
1		Rs. 100000000				5 % of Additional Duty		
3. Removal of Debris per occurrence								
Sl.		No. Limit of Indemnity				Excess		
1		Rs. 5000000				Policy Excess		
4. Professional Fees								
Sl.		No. Limit of Indemnity				Excess		
1		Rs. 3747475				Policy Excess		
5. Expediting Cost including Air Freight & Express Freight								
Sl.		No. Limit of Indemnity				Excess		
1		Rs. Up to 30% of net claim amount				Policy Excess		
6. Offsite Storage/ Fabrication								
Sl. No.		Limit of Indemnity				Excess		
1		Rs. 500000000				Policy Excess		
7a. On Increased Replacement Value which may have to be paid on replacement of Item 1.1								
Sl. No.		Limit of Indemnity				Excess		
1		Rs. 149888037.6				Policy Excess		
7b. On Increased Replacement Value which may have to be paid on replacement of Item 1.2								
Sl. No.		Limit of Indemnity				Excess		
1		Rs. 0				Policy Excess		
7c. On Increased Replacement Value which may have to be paid on replacement of Item 1.3								
Sl. No.		Limit of Indemnity				Excess		
1		Rs. 0				Policy Excess		
8. Automatic Reinstatement clause								
Sl. No.		Limit of Indemnity				Excess		
1		Up to 10% of SI				Policy Excess		
9. Loss minimisation expenses								
Sl. No.		Limit of Indemnity				Excess		
1		Rs. 7484951				Policy Excess		
10. Cover for valuable documents								
Sl. No.		Limit of Indemnity				Excess		
1		Rs. 0				Policy Excess		
11. Design Defect Cover								
Sl. No.		Limit of Indemnity				Excess		
1		Rs. DE-3 of Munich Re				5 times Policy Excess		





THE NEW INDIA ASSURANCE CO. LTD.
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Section II - Third Party Liability :			
Sl. No.	Limit of Indemnity in respect of any one accident or series of accidents arising out of one event	Total limit of Section II during policy period	Any One Person
1	Rs.100000000	Rs.100000000	Rs.100000000

Excesses for Section I and II :				
Sl. No.	1. For Storage & Construction claims	2. For Maintenance period claims	3. For Major peril claims as per Memo 8 of Section I	Terrorism Claims
1	5% of Claim Amount subject to Minimum of Rs. 100000 each claim	5% of Claim Amount subject to Minimum of Rs. 400000 each claim	5% of Claim Amount subject to Minimum of Rs. 400000 each claim	0.5 % of Total Sum Insured subject to minimum of Rs 1,00,000/- for each and every claim

Excesses For Specific AddOn Covers :		
Sl. No.	Description Of Cover	Excess
	Terrorism Covered	Terrorism Premium
	NO	0
	Risk Serial No.	Earth Quake Cover
	1	YES
	Risk Serial No.	STFI Cover
	1	YES

Installment Details			
Installment Number	Installment Date on or before	Installment Amount (Rs.)	
		Premium	Service Tax
1	11/09/2013	443633	54834
2	11/12/2013	324194	40071
3	11/03/2014	324194	40071
4	11/06/2014	324194	40071
5	11/09/2014	324194	40071
6	11/12/2014	324194	40071
7	11/03/2015	324194	40071
		324198	40068

ENDORSEMENTS ATTACHED TO & FORMING PART OF THE POLICY		
Sl. No.	Endorsement Number	Endorsement Title
1	CAR 001	Pipeline Construction
2	CAR 002	Exclusion of Loss of Stabilising Fluid
3	CAR 003	Road Construction
4	CAR 004	Piling Construction
5	CAR 005	Abandonment of Shafts
6	CAR 006	Crops, Forests, Cultivated Areas
7	CAR 007	Existing underground cables
8	CAR 008	Contract works time schedule
9	CAR 009	Temporary access Roads
10	CAR 010	Special conditions concerning the construction of Dam and Water Reservoir
11	CAR 011	Special conditions concerning safety measures with respect to Precipitation, Flood and Inundation
12	CAR 012	Breakage of glass
13	ENG 004	Escalation
14	ENG 005	Air Freight
15	ENG 007	Additional Customs Duty
16	ENG 001	Coinsurance
17	ENG 011	Earthquake (Fire & Shock) Perils In EQ ZONE I & II





THE NEW INDIA ASSURANCE CO. LTD.
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Sl. No.	Endorsement Number	Endorsement Title
18	PR 001	Cross Liability
19	PR 002	Limited Maintenance Visits Cover
20	PR 003	Extended Maintenance Cover
21	PR 005	Installation Facility
22	PR 007	Expenses related of Freight, Insurance, Customs Duty
23	PR 008	Exclusion of transit losses
24	PR 009	Refund for early completion
25	PR 010	Deletion of Maintenance cover
26	PR 011	Extension of policy period
27	PR 012	Change in commencement date
28	PR 013	Mid-term increase in SI
29	PR 014	Cancellation of policy
30	PR 015	Professional Fees
31	LR 001	Cover Extra charges-OT,Night Work,Work Public Holidays,Exp Freight Incl Air Freight
32	LR 002	Special conditions concerning Fire Fighting Facilities
33	LR 003	72 hours Clause
34	LR 004	Professional Fees Clause
35	LR 005	Clearance & Removal of Debris Clause
36	LR 006	50:50 Clause
37	LR 007	Cover for Increased Customs Duty
38	LR 008	Loss minimisation expenses
39	LR 009	Owners Surrounding Property
40	LR 010	Automatic Reinstatement
41	LR 011	Cover for Cross Liability
42	LR 012	Waiver of Subrogation
43	LR 013	Cover for manufacturers risk
44	LR 014	Extended maintenance cover
45	LR 015	Cover for 'valuable documents'
46	LR 016	Cover for Offsite Storage
47	LR 017	Waiver of Contribution
48	LR 018	Continuity of cover
	ENG 003	Exclusion of terrorism damage

In witness whereof the undersigned being duly authorised by the Insurers and on behalf of the Insurers has (have) hereunder set his (their) hand(s) on this 11th day of SEPTEMBER, 2013.



For and on behalf of
The New India Assurance Company Limited
Duly Constituted Attorney(s)



फॉर्म - 6
नियम (25 [11] द्रष्टव्य)
विद्यार्थी कार्ड

लाइसेंस पदाधिकारी का कार्यालय, सीवान

संख्या 1416/13 दिनांक 30-9-13 भुगतानी गयी फीस रु 200.00

लाइसेंस।

ठेका मजदूर (विनियम एवं उन्मूलन) अधिनियम 1970 की धारा 12 (1) के अधीन
श्री रवि कुमार सिंह को अनुबंध में विनिर्दिष्ट शर्तों के अधीन द्वारा लाइसेंस द्वारा मजूर
जिला सीवान पोस्ट आचोपुर
किया जाता है।

दिनांक 30-9-13 लाइसेंस 29-9-14 तक प्रवृत्त रहेगा।

लाइसेंस पदाधिकारी का हस्ताक्षर एवं मुहर

नवीकरण (सीवान-29)

नवीकरण की तारीख	नवीकरण के लिए भुगतानी गयी फीस	समाप्त होने की तारीख	लाइसेंस पदाधिकारी का हस्ताक्षर एवं मुहर तारीख
1	2005-08	29-9-2015	6/11/14
2	आगत रु 70		
3	दिनांक 27.8.14		
4			
5			
6			
7			
8			
9			
10			

(1) साधारण आन्तरिक (नॉन-ट्रान्सफरमुस) शक्ति

- Handwritten signature and date: 17/10/20



Government of India
Ministry of Commerce & Industry
Petroleum & Explosives Safety Organisation (PESO)
8, Esplanade East, 1st floor,
Kolkata - 700069

E-mail: jcccekkolkata@peso.gov.in
Phone/Fax No: 033-22486600, 22480427

Prior Approval No: A/P/EC/BI/14/3274 (P341257)

(Dated: 29/08/2014)

29 AUG 2014

To,
✓
M/s. BSC - C&C JV,
New By-pass, Patna-Bhaktiyarpur Road, "NH - 30, VIII.- Daulatpur, P.O.- Garhuchak, Patna DAULATPUR, Patna,
Taluka: Patna,
District: PATNA
State: Bihar
PIN: 803201

Sub: Proposed Petroleum Class B Consumer Pump at Plot No. 1020, Khata No.436, Mouza - Taranwa, Taranwa, Siwan, Taluka: Siwan, District: SIWAN, State: Bihar, PIN: 841210

Sr(s),

Please refer to your letter No. nil dated 25/08/2014 on the subject

The Drawing no. P/C - 07/14 dated 21/07/2014, showing the site/layout/construction details forwarded with your letter under reference is approved and a copy(ul such) of the same is returned herewith duly signed in token of approval

On completion of the construction as shown in the approved plan please forward the following documents for grant of licence of Form XIV of Petroleum Rules, 2002

1. Form IX (enclosed) duly filled in and signed
2. A Bank Draft for Rs. 1000/- (per year - maximum upto 10 years) being the requisite licence fee for one year. (The bank certificate should be in any Nationalised Bank in the favour of Jt. Chief Controller of Explosives Payable at Kolkata(W.B.))
3. Three copies of the approved drawings.
4. Safety and Test Certificate as required under rule 130 and 126 of the Petroleum Rules, 2002 (enclosed) issued by Competent Person approved by CCI, Nagpur and generated through On-line Competent Person Module available at <http://peso.gov.in>
5. Original copy of 'No Objection Certificate' from the District Authority together with site plan duly endorsed by him with his official seal/stamp.
6. Specimen signature(s) of the person(s) authorised to sign the correspondence addressed to this office
7. A confirmation to the effect that all work as per approved drawings has been fully completed by you in all respects
8. One set of colour photographs of the petrol pump taken from different angles

Please follow the requirement/provision of "Solvent, Raffinate and Slop (Acquisition, Site, Storage & Prevention of use in Agriculture) - Order 2004 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 519(E) dated 05/06/2005

Please mail to this office file No. A/P/EC/BI/14/3274 (P341257) in all your future correspondences

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable

Yours faithfully,

(R.K. MAINDOLA)
Jt. Chief Controller of Explosives
Kolkata

For more information regarding status fees and other details please visit our website <http://peso.gov.in>.



BIHAR STATE POLLUTION CONTROL BOARD

BELTRON Bhawan, Shastri Nagar, Patna - 800 023

EPABX - 0612-2281250/2282265, Fax - 0612-2281050

E-mail-bspcb@vsnl.net, Website - <http://bspcb.bih.nic.in>

Ref. No.P/T(NOC)- 2600/12-

Patna,dated:-

'CONSENT-TO-ESTABLISH' (NOC)

UNDER SECTIONS 25/26 OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 AND 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981

Reference application no.41098, dated 1.6.2012 of M/s Gammon India Limited, At- Meerganj , P.O.- Jorgama, Via- Murliganj, Dist- Madhepura for establishment of Batching Plant unit (Project cost of Rs.59,50,000/-) at Khata no.- 359, Khesra no.1514, Mauza- Meerganj, At - Meerganj, P.O - Jorgama, Dist- Madhepura with capacity as details given below:-

- (a) ~~Hot Mix Plant~~ - 80TPH
(b) D.G.Set-75kVA

AFTER CONSIDERING:

- (i) The facts stated in their application;
- (ii) Bihar State Pollution Control Board's Notification No. 26 dated 08.11.2003;
- (iii) Provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 ; and
- (iv) Check list dated 13.4.2013

NOC IN FAVOUR OF THE PROPONENT AT THE SAID SITE IS HEREBY ACCORDED SUBJECT TO THE FOLLOWING CONDITIONS:

- (i) The unit shall obtain consent to operate under sections 25 & 26 of the Water Act, 1974 and under section 21 of the Air Act, 1981, prior to commissioning of the plant from pollution control Board.
- (ii) The effluent (domestic or trade) and emission, if any, shall conform to the standard as prescribed by the Board;
- (iii) The D.G. Set(s) shall be installed with integral acoustic enclosure fixed on pucca base with anti vibration pads, and exhaust height maintained as per norms of the Board, so that, it shall conform to the standard of the Board. Accordingly submit Ambient noise level report to the Board just after commissioning of the unit.
- (iv) That, the unit shall install its Batching Plant fitted with pollution control devices.
- (v) The unit shall submit Ambient Air Quality report just after commissioning of the unit .

- (vi) If any complaint received against the unit, than unit shall shift their plant to another site.

NOTE:

1. Bihar State Pollution Control Board reserves the option to revise or add other conditions, if necessary, for protection of Environment in general and for Pollution Control in particular;
2. The present NOC should not be construed as an assurance for the grant of 'Consent-to-Operate' the proposed plant but shall be subject to compliance of all the conditions indicated above;
3. The NOC, granted, shall be valid for a period of six months from the date of issue; and
4. Issued under the instructions of the Competent Authority.

(Rakesh Kumar)
Member-Secretary

Memo No.:-

T-8621

Patna, dated:- 13/6/13

Copy forwarded to : M/s Gammon India Limited, At- Meerganj ,
P.O.- Jorgama, Via- Murliganj, Dist- Madhepura /Regional Officer,
Begusarai / Concern AEE, Patna for favour of information and necessary
action.

(Rakesh Kumar)
Member-Secretary



BIHAR STATE POLLUTION CONTROL BOARD
BHELTRON Bhawan, Shastri Nagar, Patna - 800 023
EPABX - 0612-2281250/2282265, Fax - 0612-2281050
E-mail - bspcb@vsnl.net, Website - <http://bspcb.bih.nic.in>

Ref. No.P/T(NOC) - 1647/12-

Patna,dated:-

'CONSENT-TO-ESTABLISH' (NOC)

UNDER SECTIONS 25/26 OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 AND 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981

Reference application no.41240, dated 1.6.2012 of M/s Gammon India Limited, At- Meerganj, P.O.- Jorgama, Via- Murliganj, Dist- Madhepura for establishment of Batching Plant unit (Project cost of Rs.59,50,000/-) at Khata no.- 159, Khesra no.1514, Mauza- Meerganj, At - Meerganj, P.O - Jorgama, Dist- Madhepura with capacity as details given below:-

- (a) Batching Plant Ready Mix-100TPH
- (b) D.G.Set-75kVA

AFTER CONSIDERING:

- (i) The facts stated in their application;
- (ii) Bihar State Pollution Control Board's Notification No. 26 dated 08.11.2003;
- (iii) Provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 ;

NOC IN FAVOUR OF THE PROPONENT AT THE SAID SITE IS HEREBY ACCORDED SUBJECT TO THE FOLLOWING CONDITIONS:

- (i) The unit shall obtain consent to operate under sections 25 & 26 of the Water Act, 1974 and under section 21 of the Air Act, 1981, prior to commissioning of the plant from pollution control Board.
- (ii) The effluent (domestic or trade) and emission, if any, shall conform to the standard as prescribed by the Board;
- (iii) The D.G. Set(s) shall be installed with integral acoustic enclosure fixed on pucca base with anti vibration pads, and exhaust height maintained as per norms of the Board, so that, it shall conform to the standard of the Board. Accordingly submit Ambient noise level report to the Board just after commissioning of the unit.
- (iv) That, the unit shall install its Batching Plant fitted with pollution control devices.
- (v) The unit shall submit Ambient Air Quality report just after commissioning of the unit.
- (vi) If any complaint received against the unit, than unit shall shift their plant to another site.

NOTE:

1. Bihar State Pollution Control Board reserves the option to revise or add other conditions, if necessary, for protection of Environment in general and for Pollution Control in particular;
2. The present NOC should not be construed as an assurance for the grant of 'Consent-to-Operate' the proposed plant but shall be subject to compliance of all the conditions indicated above;
3. The NOC, granted, shall be valid for a period of six months from the date of issue; and
4. Issued under the instructions of the Competent Authority.

(Rakesh Kumar)
Member-Secretary.

Memo No.:-

7.5030

Patna, dated:-

13/6/13

Copy forwarded to : M/s Gammon India Limited, At- Meerganj,
P.O.- Jorgama, Via- Murliganj, Dist- Madhepura /Regional Officer,
Begusarai / Concern AEE, Patna for favour of information and necessary
action.

(Rakesh Kumar)
Member-Secretary.



BIHAR STATE POLLUTION CONTROL BOARD
BELTRON Bhawan, Shastri Nagar, Patna - 800 023
EPABX - 0612-2281250/2282265, Fax - 0612-2281050

E-mail - bspcb@vsnl.net, Website - <http://bspcb.bih.nic.in>

Ref. No. P/T (NOC)-2588/12-713077

Patna, dated, 06/3/14

EMISSION CONSENT ORDER

With reference to the application dated 16.12.2013 of M/S Gammon India Limited, At- Meerganj, P.O.- Jorgama, Via- Murliganj, Dist- Madhepura for consent under sections 21 of the Air (Prevention & Control of Pollution) Act, 1981, he/they is/are granted consent to operate his/their plant at Meerganj, P.O.-Jorgama, Dist- Madhepura (Batching Plant-100T/hr and D.G. Set-75kVA) for the period from 16.12.2013 to 31.12.2016 with the following conditions:-

1. That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 22,23 and 31A of the Air (Prevention & Control of Pollution) Act,1981 and further shall extend co-operation to the Board in performing its functions entrusted under sections 24,25 and 26 of the Act ;
2. That, he/they shall comply with the requirements of rule 14 of the Environment(Protection) Rules, 1986; rules 4,6,7,9,10 and 11 of the Hazardous Wastes (Management and Handling), Rules 1989; rules 4,5,7,8,10,11,12,13,15,17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules,1989; and the provisions of the Public Liability Insurance Act,1991, whichever is applicable;
3. That, he/they shall monitor his/their emission(s) and the ambient air quality from representative point regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for.
4. That, he/they shall submit application for 30.11.2014 or within 30 days from the date of receipt of this order, whichever is applicable.
5. That, the unit shall submit SMR & AAQ report within three months and that shall conform to the standard of the Board.
6. That, the unit shall submit ANL report to the Board within three months.
7. That, the unit shall submit Environmental Statement 2013-16 by Sept. every year
6. That, the unit shall do tree plantation in vacant area of premises.
7. That, the unit shall spray water regularly in the plant for suppression of dust.

M/S Gammon India Limited,
At- Meerganj, P.O.- Jorgama,
Via- Murliganj, Dist- Madhepura

(Rakesh Kumar)
Member Secretary



BY REGISTERED POST

BIHAR STATE POLLUTION CONTROL BOARD
BELTRON Bhawan, Shastri Nagar, Patna - 800 023
EPABX - 0612-2281250/2282265, Fax - 0612-2281050

Ref.no- P/T - 2-0/14- 73050

Patna, dated-

DISCHARGE CONSENT ORDER

06/13/17

In reference to the application dated 16.12.2013 of M/S Gammon India Limited, At Meerganj, P.O.- Jorgama, Via- Murliganj, Dist- Madhepura for consent under sections 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, he/they is/are granted consent to to operate of his/their at Meerganj, P.O.- Jorgama, Dist- Madhepura (Batching Plant-100T/hr and D.G. set-75kVA) for the period from 16.12.2013 to 31.12.2014 with the following conditions:

- 1 That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 24,31 and 33A of the Water (Prevention & Control of Pollution) Act,1974 and further shall extend co-operation to the Board in performing its functions entrusted under sections 20,21,23,30 and 32 of the Act ;
- 2 That, he/they shall comply with the the provisions of the Water (Prevention and Control of Pollution) Cess Act, 1977, rule 14 of the Environment (Protection) Rules, 1986; provisions of the Hazardous Wastes (Management, Handling & Tran boundary Movement) rules, 2010; Rules 1989; rules 4,5,7,8,10,11,12,13, 15,17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules,1989; and the provisions of the Public Liability Insurance Act,1991 whichever is applicable;
- 3 That, he/they shall monitor his/their effluent(s) regularly and maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
- 4 That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. 30.11.2014 or within 30 days from the date of receipt of this order, whichever is applicable.
- 5 That, the effluent if any shall conform the prescribed limit.
- 6 That, the unit shall submit Environmental Statement 2013-14 by Sept. 2014

To

M/S Gamon India Ltd
At- Meerganj, P.O.- Jorgama
Via- Murliganj, Dist- Madhepura

06/13/17
(Rakesh Kumar)
Member Secretary.

He



BY REGISTERED POST

BIHAR STATE POLLUTION CONTROL BOARD
BELTRON Bhawan, Shastri Nagar, Patna - 800 023
EPABX - 0612-2281250/2282265, Fax - 0612-2281050
E-mail - bspcb@vsnl.net, Website - <http://bspcb.bih.nic.in>

Ref. No- P/T (NOC)-2600/12-7-3207

Patna, dated-

27/3/14

EMISSION CONSENT ORDER

With reference to the application dated 16.12.2013 of M/S Gammon India Limited, Meerganj, P.O.- Jorgama, Via- Muliganj, Dist- Madhepura for consent under sections 21 of the Air (Prevention & Control of Pollution) Act, 1981, he/they is/are granted consent to operate his/their at Meerganj, Jorgama, Ma dhepura (Hot Mix Plant- 80TPH & D.G.Set-75kVA) for the period from 16.12.2013 to 31.12.2016 with the following conditions:-

1. That, he/they shall not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under sections 22,23 and 31A of the Air (Prevention & Control of Pollution) Act,1981 and further shall extend co-operation to the Board in performing its functions entrusted under sections 24,25 and 26 of the Act ;
2. That, he/they shall comply with the requirements of rule 14 of the Environment(Protection) Rules, 1986; rules 4,5,7,9,10 and 11 of the Hazardous Wastes (Management and Handling),Rules 1989; rules 4,5,7,8,10,11,12,13,15,17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules,1989; and the provisions of the Public Liability Insurance Act,1991,whichever is applicable;
3. That, he/they shall monitor his/their emission(s) and the ambient air quality from representative point regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
4. That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. 30.11.2016 or within 30 days from the date of receipt of this order, whichever is applicable.
5. That, the unit shall submit SMR report within three months & they shall conform to the Boards standard.
6. The unit shall submit AAQ report within Six month & they shall conform to the Boards standard.
7. That, the unit shall do tree plantation in vacant area of premises.

To

M/S Gammon India Limited,
At- Meerganj, P.O.- Jorgama,
Via- Muliganj, Dist- Madhepura

27/3/14
(Rakesh Kumar)
Member Secretary.



BY REGISTERED POST

BIHAR STATE POLLUTION CONTROL BOARD
BELTRON Bhawan, Shaestri Nagar, Patna - 800 028
EPABX - 0612-2281250/2282265, Fax - 0612-2281050

Ref.no- P/T - 2- 14- 7-3705

Patna, dated-

[DISCHARGE CONSENT ORDER]

27/3/14

dated 16.12.2013 of M/S Gammon India Limited, Meerganj, Dist- Madhepura for consent under sections 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, he/they is/are granted consent to to operate of his/their at Meerganj, P.O.- Jorgama, Dist- Madhepura (Hot Mix Plant-80TPH and D.G. set-75kVA) for the period from 16.12.2013 to 31.12.2016 with the following conditions:

1. That, he/they shall not make any alteration, addition, deletion or modification in the consent without the prior clearance from the Board and shall also abide by the provisions under sections 24,31 and 33A of the Water (Prevention & Control of Pollution) Act,1974 and further shall extend co-operation to the Board in performing its functions entrusted under sections 20,21,23,30 and 32 of the Act ;
2. That, he/they shall comply with the the provisions of the Water (Prevention and Control of Pollution) Cess Act, 1977, rule 14 of the Environment (Protection) Rules, 1986; provisions of the Hazardous Wastes (Management, Handling & Trans boundary Movement) rules, 2010; Rules 1989; rules 4,5,7,8,10,11,12,13, 15,17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules 1989; and the provisions of the Public Liability Insurance Act,1991 whichever is applicable.
3. That, he/they shall monitor his/their effluent(s) regularly and maintain its quality in conformity with Board's standards and shall produce its proof, as and when asked for;
4. That, he/they shall submit application for consent again 30 days before the expiration of the period of consent i.e. 30.11.2016 or within 30 days from the date of receipt of this order, whichever is applicable.
5. That, the effluent if any shall conform the prescribed limit.

To

M/S Gammon India Limited,
At- Meerganj, P.O.- Jorgama,
Via- Mullganj, Dist- Madhepura

(Rakesh Kumar)
Member Secretary.



MICROTECH SYSTEMS & SERVICES

TEST REPORT OF SURFACE WATER QUALITY ALONG THE (SH-91) BIRPUR TO UDAKISHUNGUNJ ROAD PROJECT UNDER GAMMON INDIA LTD DURING CONSTRUCTION STAGE (DEC, 2014)

Parameters	Methods of Test Ref to IS	Station	Limit as per IS : 2296C
		Hatching Plant Outlet (Meerganj) Dt : 24.12.2014	
PH	IS 3025(Part 11):1983	7.8	5.5 - 9.0
BOD (mg/l)	IS 3025(Part 44):1993	24	30
COD (mg/l)	IS 3025(Part 58):2006	72	250
SS (mg/l)	IS 3025(Part 17):1984	37	100
Oil & Grease (mg/l)	IS 3025(Part 39):1991	4.4	10

Sampling Type : Grab Sampling
BDL : Below Detectable Limit

TEST REPORT OF SURFACE WATER QUALITY ALONG THE (SH-91) BIRPUR TO UDAKISHUNGUNJ ROAD PROJECT UNDER GAMMON INDIA LTD DURING CONSTRUCTION STAGE (DEC, 2014)

Parameters	Methods of Test Ref to IS	LOCATION	Permissible Limit IS : 10500
		Base Camp Mirgonj (Borewell) Dt : 24.12.2014	
Colour	3025(Part 4):1983	2.1	5
Odour	3025(Part 5):1983	Unobjectionable	Un-objectionable
Taste	3025(Part 7&8):1984	Agreeable	Agreeable
PH	3025(Part 11):1983	8.0	6.5-8.5
Turbidity (NTU)	3025(Part 10):1984	2.1	10
Dissolved Solid (mg/l)	3025(Part 16):1984	148	2000
Alkalinity (mg/l)	13 of 3025: 1964	55	600
Total Hardness (mg/l)	3025(Part 21):1983	64	600
Fluoride as F (mg/l)	23 of 3025: 1964	Nil	1.5
Sulphate as SO ₄ (mg/l)	3025(Part 24):1986	10.3	400
Chlorides as Cl (mg/l)	3025(Part 32):1988	11.9	1000
Residual Free Chlorine(mg/l)	3025(Part 26):1986	Nil	-
Iron as Fe (mg/l)	32 of 3025: 1964	0.27	1.00
Calcium as Ca (mg/l)	3025(Part 40):1991	38.3	200
Total Coliform (MPN/100ml)	3025	Nil	< 10
Fecal Coliform per 100ml	3025	Absent	Absent

Sampling Type : Grab Sampling BDL : Below Detectable Limit
Date of Reporting : 05.01.2015

For Microtech Systems & Services

M. K. Sinha
Application Chemist.

Head Office :

Ajanta Para, Hirapur, Dhanbad - 826001
Phone : 0326-2210342, Mobile : 9431122149, E-mail : microtechsa@yahoo.co.in

M. K. Sinha



MICROTECH SYSTEMS & SERVICES

TEST REPORT OF AMBIENT AIR QUALITY ALONG THE (SH-91) BIRPUR TO UDAKISHUNGUNJ ROAD PROJECT UNDER GAMMON INDIA LTD DURING CONSTRUCTION STAGE (DEC, 2014)

Sl No.	Parameters	Station			Avg.	Permissible Limit
		WMM Plant Tikulia (1 st 0°/120°) Dt: 24.12.2014	WMM Plant Tikulia (2 nd 240°) Dt: 24.12.2014	WMM Plant Tikulia (3 rd 360°) Dt: 24.12.2014		
1.	PM 10 µg/m ³	61	65	69	67	100
2.	PM 2.5 µg/m ³	17	19	16	18	60
3.	SO ₂ µg/m ³	18.3	19.2	17.9	18.7	80
4.	NO _x µg/m ³	21.7	22.4	20.7	22.05	80
5.	CO µg/m ³	BDL	BDL	BDL	BDL	4

All units are expressed in µg/m³

Sl No.	Parameters	Station			Avg.	Permissible Limit
		Hot Mix Plant Meerganj (1 st 0°/120°) Dt: 24.12.2014	Hot Mix Plant Meerganj (2 nd 240°) Dt: 24.12.2014	Hot Mix Plant Meerganj (3 rd 360°) Dt: 24.12.2014		
1.	PM 10 µg/m ³	53	67	64	65	100
2.	PM 2.5 µg/m ³	32	41	38	39	60
3.	SO ₂ µg/m ³	16.7	19.5	18.9	19.2	80
4.	NO _x µg/m ³	19.4	22.8	21.6	22.2	80
5.	CO µg/m ³	BDL	BDL	BDL	BDL	4

All units are expressed in µg/m³

Sl No.	Parameters	Station			Avg.	Permissible Limit
		Construction Site CH : 87+980 (1 st 0°/120°) Dt: 24.12.2014	Construction Site CH : 87+980 (2 nd 240°) Dt: 24.12.2014	Construction Site CH : 87+980 (3 rd 360°) Dt: 24.12.2014		
1.	PM 10 µg/m ³	58	68	73	70	100
2.	PM 2.5 µg/m ³	14	43	45	44	60
3.	SO ₂ µg/m ³	17.5	20.1	21.8	20.8	80
4.	NO _x µg/m ³	20.2	22.9	24.3	23.6	80
5.	CO µg/m ³	BDL	BDL	BDL	BDL	4

All units are expressed in µg/m³

CO DETECTION LIMIT (µg/m³) ~ 2.5
INSTRUMENT Respirable Dust Sampler
Due on : Sep 2015
Date of Reporting: 08.01.2015

BDL ~ Below Detection Limit
Calibration on : Sep 2014

For Microtech Systems & Services

(Signature)
Application Chemist

Head Office :

Ajanta Para, Hirapur, Dhanbad - 826001

Phone : 0326-2210342, Mobile : 9431122149, E-mail : microtechss@yahoo.co.in

(Signature)



**RESULTS OF NOISE MONITORING ALONG THE (SH-91) BIRPUR TO UDAKISHUNGUNJ
ROAD PROJECT UNDER GAMMON INDIA LTD DURING
CONSTRUCTION STAGE (DEC, 2014)**

1. Location : Hot Mix Plant, Meeraganj Camp				Dt: 24.12.2014			
TIME OF MONITORING	Noise level dB (A)			Permissible Limit			
	MAX	MIN	Average	Industrial	Commercial	Residential	Silence
DAY TIME	69.80	64.60	67.20	75	65	55	50

2. Location : Construction Site, Ch: 60+950				Dt: 24.12.2014			
TIME OF MONITORING	Noise level dB (A)			Permissible Limit			
	MAX	MIN	Average	Industrial	Commercial	Residential	Silence
DAY TIME	66.60	61.40	64.00	75	65	55	50

Equipment : B&K
Date of Reporting : 05.01.2015

Model No : 1351

For Microtech Systems & Services

(N. S. Singh)
Application Chemist

Head Office :
Ajanta Pare, Hirapur, Dhanbad - 826001
Phone : 0326-2210342, Mobile : 9431122149, E-mail : microtechsa@yahoo.co.in

N. S. Singh



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पिसो)

Petroleum & Explosives Safety Organisation (PESO)

महावीर अपार्टमेंट, प्रथम तल, आदराह कॉलोनी, रोड नं. 2, खेमनिका, न्यू जगन्पुरा

पटना - 800027

Mahavir complex, 1st floor, Adarah Colony, Road No. 2, Khemnichak, P.O. New Jagannpura, Patna - 800027

E-mail : expatna@explosives.gov.in

Phone/Fax No : 0612-2380913

संख्या /No : P/EC/BU/14/2741 (P299993)

दिनांक /Dated : 30/12/2014

सेवा में /To

M/s. M/s. Gammon India Ltd.,
Mirganj Camp Office,,
P.O. Mirganj,,
Mirganj,
District: MADHEPURA,
State: Bihar
PIN: 999999

विषय /Sub : Plot No. 1613(P), KH No.242, at-Murliganj, Mouza-Murliganj, .. District: MADHEPURA, State: Bihar, PIN: 999999 में स्थित पिपमान पेट्रोलियम वर्ग A,B Retail Outlet की अनुमति संख्या P/EC/BU/14/2741 (P299993) - नवीकरण के संदर्भ में ।
Existing Petroleum Class A,B Retail Outlet at Plot No. 1613(P), KH No.242, at-Murliganj, Mouza-Murliganj, .. District: MADHEPURA, State: Bihar, PIN: 999999 - Licence No. P/EC/BU/14/2741 (P299993) - Reg Renewal of Licence.

महोदय /Sir
(s),

कृपया आपके उपर्युक्त विषय से संबंधित पत्र संख्या GIL/SH 91-9009/Admin/384/2014- दिनांक 24/11/2014 का संदर्भ ग्रहण करें ।

Please refer to your letter No. GIL/SH 91-9009/Admin/384/2014- dated 24/11/2014 on the subject.

अनुमति सं P/EC/BU/14/2741 (P299993) दिनांक 18/04/2014 दिनांक 31/12/2015 तक नवीनीकृत कर लौटाई जा रही है ।

Licence No. P/EC/BU/14/2741 (P299993) dated 18/04/2014 is returned herewith duly renewed upto 31/12/2015.

कृपया पेट्रोलियम नियम,2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें । अनुमति के नवीकरण हेतु समस्त दस्तावेजों को दिनांक 31/12/2015 या उससे पहले इस कार्यालय में प्रस्तुत करें ।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence so as to reach this office on or before 31/12/2015.

कृपया पावती दें । Please acknowledge the receipt.

अपदीय /Yours faithfully,


(एच.पी. संगोले)
(H P SANGOLE)
उप विस्फोटक नियंत्रक
Dy. Controller of Explosives
कृते
For Controller of Explosives
पटना
Patna

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें)
(For more information regarding status, fees and other details please visit our website: <http://peso.gov.in>)

प्रारूप XIV
(प्रथम अनुसूची का अनुच्छेद 5 देखिए)
FORM XIV
(see Article 5 of the First Schedule)

मोटर वाहनों में ईंधन भरण के लिए पम्प आउटफिट के संबंध में टैंक या टैंकों में पेट्रोलियम भंडारण के लिए अनुमति
LICENCE TO STORE PETROLEUM IN TANK/S IN CONNECTION WITH PUMP OUTFIT FOR FUELING MOTOR CONVEYANCES

अनुमति सं. (Licence No.): P/EC/BI/14/2741(P299993)

फीस रूप (Fee Rs.) 1000/- per year

पेट्रोलियम अधिनियम, 1934 के उपबंधों और उसके अधीन बनाए गए नियमों तथा इस अनुमति की अतिरिक्त शर्तों के अधीन रहते हुए 20.00 KL of Petroleum class B को टैंक/टैंकों में भण्डारण मात्र के लिए M/s. M/s. Gammon India Ltd., Mirganj Camp Office, P.O. Mirganj, Mirganj, District: MADHEPURA, State: Bihar, PIN: 999999 को नीचे वर्णित अनुमति परिसरों में जो कि इससे उपबंध नक्शा संख्या P/EC/BI/14/2741 (P299993) तारीख 18/04/2014 में दिखाया गया है, के लिए विधिवानुमति अनुमति अनुमति की जाती है।

Licence is hereby granted to M/s. M/s. Gammon India Ltd., Mirganj Camp Office, P.O. Mirganj, Mirganj, District: MADHEPURA, State: Bihar, PIN: 999999 valid only for the storage of 20.00 KL of Petroleum class B in tank/s in the licensed premises described below and shown on the plan no: P/EC/BI/14/2741(P299993) dated 18/04/2014 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनुमति 31st day of December 2016 तक विधिवानुमति रहेगी।
The Licence shall remain in force till the 31st day of December 2016

April 18, 2014

For Jt. Chief Controller of Explosives
EC, Kolkata

विस्फोटक नियंत्रक, पटना
Controller of Explosives, Patna

अनुमति परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनुमति परिसर जिसकी सीमाएं संलग्न नक्शे में दिखाई गई हैं Plot No: 1513(P), KH No.242, at-Murliganj, Mouza-Murliganj, District: MADHEPURA, State: Bihar, PIN: 999999 में स्थित हैं और उसमें निम्नलिखित सम्मिलित हैं:
The licensed premises, the boundaries of which are shown in the attached plan, are situated at Plot No: 1513(P), KH No.242, at-Murliganj, Mouza-Murliganj, District: MADHEPURA, State: Bihar, PIN: 999999 and consist of:

- क पेट्रोलियम वर्ग क परिसर के लिए NIL किलोलिटर क्षमता के/क्रमशः 1 क्षमता के भूमिगत गैस टाईट टैंक, जो विपुलपातित/हस्तपातित NIL डिस्पेंसिंग पम्पों से जुड़े हुए हैं।
- a 1 number(s) underground gas tight tanks of capacity NIL kilolitres respectively of petroleum Class A connected with NIL number(s) electrically/manually operated dispensing pump(s)
- ख पेट्रोलियम वर्ग ख/ग परिसर के लिए 20.00 किलोलिटर क्षमता के/क्रमशः 1 क्षमता के भूमिगत गैस टाईट टैंक, जो विपुलपातित/हस्तपातित 1 डिस्पेंसिंग पम्पों से जुड़े हुए हैं।
- b 1 number(s) underground gas tight tanks of capacity 20.00 kilolitres respectively of petroleum Class B connected with 1 number(s) electrically/manually operated dispensing pump(s).
- ग एक विक्रय कक्ष/किोस्क
- c A sales room/kiosk
- घ सर्विस सम्बन्धी सुविधाएं जिनमें Pump Attendant room सम्मिलित हैं।
- d Servicing facilities consisting of Pump Attendant room As per attached plan



गोपनीय

प्रकारित क्षेत्रीय कार्यलय : प्लॉट इन्टरवर्सेल सिटींग,
ए मजिल, १८० कनिष्ठ एडिटेड रोड, चण्डीत, मुंबई - ४०० ०२०
वेब : microgynic.co.in | फ़ोन : २२८२६१५५/४४/२२८२०३

Corporate Regional Office: Royal Insurance Building,
2nd Floor, 14, Jambhavanthi Road, Churchgate, Mumbai 400 020
Email: india@indiaonline.in | Ph: 220218144/22020312 | Fax: 22020

Contractors: ALE, RIK, G2V, etc.

Contractors: ALE, RIK, G2V, etc.

Contractors: ALE, RIK, G2V, etc.

Issuing Office Code: 251100

Address: CARPENTERS COLLEGE, 1011 E. 24th St., (770)

THE 1989-1990 REVIEW

STANDARD 807-271 PART I 176174 1-0712

STANDARD 807-271 PART I 176174 1-0712

STANDARD 807-271 PART I 176174 1-0712

STANDARD 807-271 PART I 176174 1-0712

STANDARD 807-271 PART I 176174 1-0712

STANDARD 807-271 PART I 176174 1-0712

STANDARD 807-271 PART I 176174 1-0712

Sum Insured (Rs)

3.28.89.32.906.00

10.00.00.000.000

Total Sum Insured (Rs.) : Rs.3,30,89,52,906.00

Total Sub Insured (In Words) : RUPEES THREE HUNDRED THIRTY EIGHT CRORE EIGHTY NINE LAKH THIRTY TWO THOUSAND NINE HUNDRED SIX ONLY

Risks Covered : Improvement / Upgradation of birpur-balva-Jalva-Jadia Meeru Length ? 101.7km. contract package no:- 4 of
BSMP-II

Location : Birpur-Balua-Jadia Meerghun)-Merliqun)-Udaikishangun), SH-21 BIXAR

Special Peril : As Per Standard CAR Policy (DETAILS AS PER ATTACHED SCHEDULE AND WORDING)

Special Exclusion : As Per Standard CAR Policy (DETAILS AS PER ATTACHED SCHEDULE AND WORDING)

Subject To Clause : As Per Standard CAR Policy (DETAILS AS PER ATTACHED SCHEDULE AND WORDING)

Special Excess : As Per Standard CAR Policy (DETAILS AS PER ATTACHED SCHEDULE AND WORDING)

Special Conditions: As Per Standard CAR Policy (DETAILS AS PER ATTACHED SCHEDULE AND WORDING)

Special Conditions: As per standard CNA Policy Details As per attached schedule and wording
Policy Period: 60 Months#12 Months extended maintenance
1st, 2nd & 3rd Installments for policy premium are paid at the inception of the policy

Name of Principal: M/s. Chief General Manager, Bihar State Road Development Corporation Ltd, ADC Mechanical Workshop Campus, (Near Patna Airport), Sheikhpura, Patna 7 800 016, Bihar.

Premium Computation

Nat Premium	Rs.18,19,115.00	Service tax	Rs.2,24,842.90	Stamp Duty : Rs.1.00
				(Favorable : No)

Total : Rs.20,43,952.00

Visit us at www.nationalinsuranceindia.com for information on Products, Services and Grievance Redressal.

In witness whereof this policy has been signed at MUMBAI
on this 30th day of June, 2014.

For And On Behalf Of
National Intergovernmental Council

This Policy/Endorsement is valid subject to realisation of cheque. In case of dishonour of cheque of the policyholder and the Company will not be on the side of this Policy/Endorsement. All correspondences sent to the company should be sent to the company's office during the Policy period.

Registered & Head Office : National Insurance Co.
3 Middleton Street, Kolkata - 700 0

Phone : 2283 1705 / 1706 Fax : 2283 1740 Visit us at : www.nationalinfrastructureindia.com IRDA REGN NO BA

NATIONAL INSURANCE COMPANY LTD.

Head Office: 1, Royal Insurance Building,
1st Floor, 1st Wing, 1st Floor, Chhatrapati Shivaji Maharaj - 400 020,
Mumbai. Tel: 2262181/2262182 Fax: 2262186

Policy No: 251100/01/14/5000000000 Dept: Engineering

Contract No: All Risk Insurance

Endorsement No: 251100/01/14/5000000000

Insured's Name: M/s. GANESH LINTA LTD.

Address: Ganesh House, Near Bawerkar Marg, Prabhadevi,
Kurla 400 025, India Dist: GREATER MUMBAI, Mah

Issuing Office Code: 251100

Address: Corporate Regional Office, 2nd floor, Aoral
Tosha Aoral Building, 14, J. Tata Road,
Chhatrapati Shivaji Maharaj - 400 020,
Mumbai. Tel: 2262181/2262182 Fax: 2262186

Telephone: 2262181/2262182 Fax: 2262186

Policy Issue Date: 23/04/2012

Reprint Date & No.: 14/11/2014 251100/01/14/0000001593

Endorsement Effectuated From: 20/10/2014

Policy Expiring On: 26/04/2017

Extra Premium: Rs. 4,56,171.00

Service Tax: Rs. 56,211.00

Total: Rs. 5,10,382.00

Co-Insurance: (Outgoing) NIC 261306: 40% (Rs. 1,61,311), NIC 251100: 60% (Rs. 272,861)

Insured's Signature/Reference Date: 28/10/2014

Number: 1

ENDORSEMENT CAUSE:

Collection of 12th instalment premium

ENDORSEMENT WORDING:

It is hereby agreed and declared that the Insured has paid the 12th instalment premium of Rs. 5,10,382 (Five Lakhs and Ten Thousand Three Hundred Eighty Two Rupees only) under the subject policy.

All other terms, conditions and exceptions shall remain unaltered.

for and on behalf of
National Insurance Company Limited



This is a duplicate copy of the original policy document. In case of dishonour of cheque of the Insured, the Insured shall be liable to pay the premium under this policy. All correspondence should be made only with the Policy No. 251100/01/14/0000001593. The policy is valid and void as per the terms and conditions of the policy. Registered & Head Office: National Insurance Company Limited. Phone: 2262181/2262182 Fax: 2262186. CIN: U10260WB1906001001713

फार्म-06

बिहार सरकार

लाईसेन्सींग पदाधिकारी का कार्यालय, सहरसा

लाईसेन्स संख्या-

585

तारीख- 14/02/12

भुगतान की गई फीस रु० 800

च० न० 25

दिनांक 14/02/12

लाईसेन्स

ठेका मजदूर (विनियमय एवं उन्मूलन) अधिनियम 1970 की धारा 12 (1) के अधीन

श्री 21/1/12 2/1/12 2/1/12

ग्राम 21/1/12 पो० 21/1/12 जिला 21/1/12 को

उपबन्ध में विनिर्दिष्ट शर्तों के अधीन इसके द्वारा लाईसेन्स मंजूर किया जाता है ।

(2) स्थापना में ठेका मजदूर के रूप में नियोजित मजदूरों की संख्या किसी भी

दिन 200 (दो सौ) से अधिक नहीं होगी ।

लाईसेन्स

तारीख



21/1/12 तक प्रवृत्त रहेगा ।

लाईसेन्सींग पदाधिकारी का हस्ताक्षर

नवीकरण (नियम 29)

नवीकरण की तारीख	नवीकरण के लिए भुगतान की गयी फीस	समाप्त होने की तारीख
14/02/13	1000/-	13/02/14
1		13/02/13
2		13/02/14
3. 25/01/14	800/-	13/02/15
4		13/02/16

लाईसेन्सींग पदाधिकारी का हस्ताक्षर और मुहर तारीख

SITE PHOTOGRAPHS



A view of Administrative Block SH-89



A view of guest house SH-89



A view of dining hall SH-89



Water sprinkling at GSB bed SH-89



A view of Administrative Block at Meerganj SH-91



A view of Base camp at Meerganj SH-91



Display of safety aware postures in Meerganj camp SH-91



Water sprinkling at sub-grade bed SH-91 near habitation