



अखिल भारतीय आयुर्विज्ञान संस्थान पटना

ALL INDIA INSTITUTE OF MEDICAL SCIENCES,  
PATNA

A/6000/AIIMS/Patna/EC/ 98

20 May 2023

To  
The Director  
Ministry of Environment Forest and Climate Change,  
Ranchi Regional Office (ECZ), Bungalow No. A-2,  
Shyamali Colony, Ranchi-834002

**Sub:** Request to provide certified EC Compliance Report of All India Institute of Medical Sciences (AIIMS) Patna.

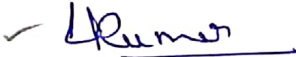
Dear Sir,

With reference to the above mentioned subject we would like to state that All India Institute of Medical Sciences (AIIMS) Patna is located at Phulwari Sharif Patna. We have previously obtained EC from MoEF for the aforesaid project in year 2009 vide letter No. 21-269/2008-IA.III dated 17th July 2009. Now we intended to go for expansion of our project. In this regard we require certified EC compliance report from your office.

Considering the same, we hereby request you to undertake a visit of our site & issue us a certified EC compliance report based on your observations at your earliest convenience.

Thanking You

Yours Faithfully



All India Institute of Medical Sciences (AIIMS) Patna.

**DR. YOGESH KUMAR**

Project Coordinator

AIIMS PATNA

Encl: EC Compliance Report



**EC COMPLIANCE REPORT  
OF  
ALL INDIA INSTITUTE OF MEDICAL  
SCIENCES (AIIMS) PATNA**



**Submitted By:  
ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
PATNA.**

**Environmental Clearance vide letter No. 21-269/2008-  
IA.III dated 17<sup>th</sup> July 2009**

PART A - SPECIFIC CONDITIONS I		
Sl.No	STIPULATED CONDITION	COMPLIANCE
<b>CONSTRUCTION PHASE</b>		
1	"Consent for Establishment" shall be obtained from Bihar Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.	Complied. The Bihar State Pollution Control Board has granted CTE through vide letter No. PT (NOC)-3808/09/B-652 dated 11 <sup>th</sup> August, 2010 for a period of one year and subsequently extended till 31 <sup>st</sup> March 2013 through vide letter No. PT (NOC)-3808/09/B-876 dated 8 <sup>th</sup> September 2011. The Institution is having a valid CTO vide memo No. B178 and B-177 dated 28-01-2021 with validity up to 30-11-2023. <b>Copy of CTE and CTO attached as Annexure 2.</b>
2	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied. During the Construction phase temporary housing of construction labour has been provided within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile STP, Safe drinking facility, medical health care and crèche.
3	A First Aid Room will be provided in the project both during construction and operation of the project.	Complied. Two first aid rooms has been provided during the construction phase.
4	All the topsoil excavated during construction activities should be stored for use in horticulture /landscape development within the project site.	Complied. All the top soil excavated were stored separately within the site and later used in landscaping and Greenbelt development. <b>Photographs of green belt development attached as Annexure 3</b>
5	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Complied. The excavated materials during foundation have been disposed inside the campus in low lying areas and nearby fields.

6	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.	<b>Environmental Monitoring reports attached as Annexure 1.</b>
7	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.	Complied. This is a green field project Only Earth materials during foundation or the solid waste has been generated and no bituminous materials and other hazardous materials are used.
8	Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Bihar Pollution Control Board.	Complied. This is a green field project Only Earth materials during foundation or the solid waste has been generated and no bituminous materials and other hazardous materials are used.
9	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	Complied. During the construction phase green generators with canopy, 5 DG with varying capacity of 185 KVA, 125 KVA and 40 KVA has been used which conform to Environment (Protection) Rules prescribed for air and noise <sup>7</sup> emission standards.
10	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.	Complied. Clearance from CCOE has been obtained. <b>Copy of NOC from CCOE attached as Annexure 2.</b>
11	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.	Complied. All vehicles hired for bringing construction materials were in good condition having valid PUC and has conform to air and noise emission standards.
12	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by	Complied.  <b>Environmental Monitoring reports attached as Annexure1.</b>



	CPCB/ BPCB.	
13	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003. As the site is located within the 100 Km of Thermal Power Stations.	All the construction activity has been completed using soil bricks. No thermal power station was within 100 km from the site during construction phase.
14	Ready mixed concrete must be used in building construction.	Complied. Ready mixed concrete were used in building construction.
15	Storm water control and its re-use as per CGWB and BIS standards for various applications.	Rain water harvesting pit has been constructed. <b>Photographs of RWH attached as Annexure 4</b>
16	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	The water demand during construction was reduced by the use of premix concrete and wet gunny bags.
17	Permission to draw ground water shall be obtained from the competent Authority prior to construction / operation of the project.	Noted for action
18	Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.	Provision for Dual plumbing has been done. <b>Dual Plumbing plan and photographs attached Annexure 5</b>
19	Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.	Complied. Fixture for showers, toilets flushing and drinking are of low flow by using aerators. <b>Photographs of wash basin with aerators attached as Annexure 6.</b>
20	Use of glass may be reduced by upto 40% to reduce the electricity consumption and load on air-conditioning. If necessary, use high quality double glass with special reflective coating in windows.	Complied. High quality double glass with special reflective coating in window is done.
21	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.	Provision of roof insulation, PUF and Brick Bat Cova to achieve better energy conservation Building code has been done. <b>Copy of BOQ attached as Annexure 7.</b>
22	Opaque wall should meet prescriptive requirement as per Energy Conservation	Complied. Double water wall with mineral wool

	Building Code which is proposed to be mandatory for all. Air conditioned spaces while it is aspirational for non-air conditioned spaces by use of appropriate thermal insulation material to fulfill requirement.	in all air condition building has been provided.
23	The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightening etc.	The project has obtained approval for all basic structural drawings form IIT Roorkee. <b>Drawing veted by IIT Roorkee and NOC from fire department attached as Annexure 8</b>
24	Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.	All the construction activity has been completed
25	Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.	Agreed.
<b>OPERATION PHASE</b>		
26	The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated affluent emanating from STP shall be recycled/reused to the maximum extent possible. Treatment of 100% grey water by decentralised treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of the Bihar Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.	Sewage Treatment plant & Effluent Treatment Plant has been constructed and now it is operational. Treated water from STP is taken for use in several activities including horticulture.  <b>Photographs &amp; Flow Diagram of STP and ETP attached as Annexure 9.</b>
27	The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry / inert solid waste should be disposed off to the approved sites for land filling after	Solid waste including biomedical waste is collected for different point such as OPD and surgery, hostel block, medical college block and stored at a site within the campus and then it

	recovering recyclable material.	transported to the disposal site. <b>Photographs of the Facilities for the management of solid waste and BMW attached as Annexure 10</b>
28	Diesel power generating sets proposed as source of back up power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with Bihar Pollution Control Board.	Complied. DG set are enclosed type with adequate height of the stack. Low sulphur diesel is being used. <b>Photographs of DG sets and bills of low sulphur diesel attached as Annexure 11 &amp; 12</b>
29	Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.	Complied. Noise level is kept within the prescribed standards.  <b>Monitoring Reports are attached as Annexure 1.</b>
30	The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.	Complied. The green belt of the adequate with and density with local tree species has been done to provide protection against dust and noise. <b>Photographs of Green belt attached as Annexure 3</b>
31	Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.	Complied. Weep holes in the compound walls have been provided to ensure natural drainage of rain water.
32	Rain water harvesting for roof run- off and surface run- off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The borewell for rainwater recharging should be kept at least 5 mts. above the highest ground water table.	Complied RWH pits are provided.  <b>Photographs of RWH pits attached as Annexure 4.</b>

33	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	Complied. <b>Monitoring reports attached as Annexure 1.</b>
34	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Complied. There is no traffic congestion near the entry and exit points. Sufficient internal parking for both two wheelers and four wheelers are provided. <b>Photographs of parking facility attached as Annexure 13</b>
35	A Report on the energy conservation measures conforming to energy conservation norms finalize by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the Ministry in three months time.	Noted Provision has been made conforming to the energy conservation norms.
36	Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/ sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.	Complied. LED and solar panels are installed for the lighting in the project campus.  <b>Photographs of LED and Solar panels are attached as Annexure 14</b>
37	Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.	Complied. STP/ETP operation and solid waste management is being carries out with preventing odour problem.

38	The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.	Complied. Adequate distance between the buildings is kept to allow movement of fresh air and passage of natural light air and ventilation.  <b>Google Image of the site showing adequate distance is kept between buildings is attached as Annexure 15</b>
<b>PART - B GENERAL CONDITIONS</b>		
39	The environmental safeguards contained in the EIA Report should be implemented in letter and spirit.	Proper environmental safeguard is being implemented.
40	The project proponent shall also Submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB	Six monthly EC compliance is being submitted.
41	Officials from the Regional Office of MOEF, Bhubaneswar who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF should be forwarded to the CCF, Regional office of MOEF, Bhubaneswar.	Agreed to comply with
42	In the case of any change(s) in the scope of the project, the project would require a fresh	Agreed to comply with



	appraisal by this Ministry.	
43	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted
44	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Statutory clearance/ NOC from MoEFCC/ SPCB/ CCOE/ Fire Department and Civil a aviation department has been obtained.  <b>Please refer to Annexure 1.</b>
45	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Being Complied.
46	The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Bihar Pollution Control Board and may also be seen on	Noted

	<p>the website of the Ministry of Environment and Forests at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a>. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhubaneswar.</p>	
47	<p>Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.</p>	Noted
48	<p>Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act,1997.</p>	Noted
49	<p>A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.</p>	Gram Panchayat, Bhusola, Dnaapur Phulwari Patna has no objection about the project.
50	<p>The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the</p>	Noted

	<p>respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	
51	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.</p>	Noted

**ANNEXURE 1**  
ENVIRONMENTAL MONITORING REPORTS



# ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

## TEST REPORT

TEST REPORT NO.: ETS/1472/03/2023

DATE OF REPORT: 14.03.2023

### AMBIENT AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : AIIMS PHULWARISHARIF PATNA

Date of Monitoring : 10.03.2023  
Analysis Start Date : 12.03.2023  
Analysis End Date : 14.03.2023  
Duration Of Monitoring : 10.03.2023 To 11.03.2023  
Time Of Monitoring : 10:10 AM To 10:18 AM (CO for 1.0 Hrs.)  
Sample ID No : 1472  
Sampling Done By : ETS STAFF  
Sampling Location : PROJECT SITE  
Sampling Method : ETS/STP/AIR-01  
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL  
Weather Condition : CLEAR Ambient Temperature: 32.0 °C  
Wind Direction : E To W  
Equipment Used : Respirable Dust Sampler (PM<sub>10</sub>) + Fine Particulate Sampler (PM<sub>2.5</sub>)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM <sub>10</sub> )	µg/m <sup>3</sup>	148.2	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM <sub>2.5</sub> )	µg/m <sup>3</sup>	90.5	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO <sub>2</sub> )	µg/m <sup>3</sup>	13.0	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO <sub>2</sub> )	µg/m <sup>3</sup>	34.7	For 24 Hrs.=80	IS: 5182 (Part-6)
5	Carbon Monoxide,(CO)	mg/m <sup>3</sup>	0.78	For 8 Hrs.=2 / For 1 Hrs.=4	IS 5182 (Part-10)

\*\*\*\*\*End of Test Report\*\*\*\*\*



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For ENVIRO-TECH SERVICES  
AUTHORIZED SIGNATORY  
Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

#### Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.





ETS-LAB



# ENVIRO-TECH SERVICES

An Analytical Laboratory



ISO 45001

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

## TEST REPORT

TEST REPORT NO.: ETS/1473/03/2023

DATE OF REPORT:

14.03.2023

## NOISE MONITORING REPORT

Name And Address of Customer : AIIMS PHULWARISHARIF PATNA

Date of Monitoring : 10.03.2023  
 Monitoring Start Date : 10.03.2023  
 Monitoring End Date : 11.03.2023  
 Duration Of Monitoring : 24 HOURS  
 Sample ID No : 1473  
 Monitoring Done By : ETS STAFF  
 Sampling Location : PROJECT SITE  
 Sampling Method : ETS/STP/NOISE-01  
 Category Of Area : RESIDENTIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	52.3	55	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	36.7	45	IS: 9989

**Remark:** Day time is reckoned in between 06.00 A.M. and 10.00 P.M.  
 Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

\*\*\*\*\*End of Test Report\*\*\*\*\*

Page 1 of 1



For ENVIRO-TECH SERVICES  
 AUTHORIZED SIGNATORY  
 MD HOMRAJ  
 Quality Manager

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

**Note:-**

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
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## TEST REPORT

TEST REPORT NO.: ETS/1474/03/2023

DATE OF REPORT: 14.03.2023

### SOIL SAMPLE ANALYSIS REPORT

Name And Address of Customer : AIIMS PHULWARISHARIF PATNA

Date of Sampling : 10.03.2023  
 Analysis Start Date : 12.03.2023  
 Analysis End Date : 14.03.2023  
 Sample ID No : 1474  
 Sampling Done By : ETS STAFF  
 Sample Description : SOIL  
 Sampling Location : NEAR PROJECT SITE  
 Sampling Method : ETS/STP/SOIL-01  
 Sample Quantity : 2.0 Kg.  
 Packing Condition : SEALED  
 Packed In : POLY BAG

S. No.	Test Parameter	Unit	Result	Test Method
1	Texture	...	SANDY CLAY LOAM	IS 2720 (Part-4)
2	Sand	%	54.2	IS 2720 (Part-4)
3	Silt	%	32.3	IS 2720 (Part-4)
4	Clay	%	13.5	IS 2720 (Part-4)
5	pH	...	7.62	IS 2720 (Part-26)
6	Electrical Conductivity (EC)	µs/cm	346.4	IS 14767
7	Water Holding Capacity (WHC)	%	37.3	IS 2720 (Part-2)
8	Cat ion Exchange Capacity (CEC)	meq/100g	26.6	IS 2720 (Part-24)
9	Magnesium,(Mg)	mg/kg	480.1	ETS/STP/SOIL-08
10	Phosphorus (PO4)	mg/kg	52.4	ETS/STP/SOIL-19
11	Sodium,(Na)	mg/kg	132.1	APHA-3125B
12	Potassium (K)	mg/kg	288.5	APHA-3125B
13	Calcium,(Ca)	mg/kg	1106.2	APHA-3125B
15	Total Nitrogen (N)	mg/kg	223.3	IS 10158: 1982

For ENVIRO-TECH SERVICES End of Test Report

CHECKED BY  
ROHIT SHARMA

Page 1 of 1

AUTHORIZED SIGNATORY

Quality Manager

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
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ETS-LAB



## TEST REPORT

TEST REPORT NO.: ETS/1475/03/2023

DATE OF REPORT:

14.03.2023

## WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : AIIMS PHULWARISHARIF PATNA

Date of Sampling : 10.03.2023  
Analysis Start Date : 12.03.2023  
Analysis End Date : 14.03.2023  
Sample ID No : 1475  
Sampling Done By : ETS STAFF  
Sample Description : GROUND WATER  
Sampling Location : NEAR PROJECT SITE  
Sampling Method : ETS/STP/WATER-02  
Sample Quantity : 2.0 + 0.5 Ltr.  
Packing Condition : SEALED  
Packed In : P.V.C. AND GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012 )		Test Method
				Desirable	Permissible	
<b>PHYSICAL &amp; CHEMICAL PARAMETERS;</b>						
1	Colour	Hazen	<5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	pH	...	7.28	6.5 - 8.5	No Relaxation	APHA 4500-H+
4	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	408.2	500	2000	APHA 2540-C
7	Calcium,(Ca)	mg/L	42.6	75	200	APHA 3500:(Ca)-B
8	Chloride,(Cl)	mg/L	36.4	250	1000	APHA 4500:(Cl)-B
9	Chlorine (Residual)	mg/L	<0.1	0.2	1	APHA 4500:(Cl)-B
10	Sulphate,(SO <sub>4</sub> )	mg/L	38.5	200	400	APHA 4500:(SO <sub>4</sub> )-E
11	Total Hardness,(CaCO <sub>3</sub> )	mg/L	190.2	200	600	APHA 2340-C
<b>HEAVY METALS;-</b>						
12	Iron,(Fe)	mg/L	0.12	1	No Relaxation	APHA-3120B

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\*\*\*\*\*End of Test Report\*\*\*\*\*

For ENVIRO-TECH SERVICES

CHECKED BY  
ROHIT SHARMA

AUTHORIZED SIGNATORY  
Quality Manager

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**ANNEXURE 2**  
STATUTORY CLERANCES / APPROVALS/ NOC

**EC LETTER**



**No. 21-269/2008-IA.III**  
**Government of India**  
**Ministry of Environment & Forests**

**Paryavaran Bhawan,**  
**CGO Complex, Lodi Road,**  
**New Delhi - 110 003.**

**Dated: 17<sup>th</sup> July, 2009.**

**To**  
**The Secretary,**  
**Department of Health,**  
**Government of Bihar,**  
**Patna.**

**Subject: Construction of AIIMS, Apex Health Care Institute**  
**Phulwari Sharif, Patna, Bihar by M/s. Secretary,**  
**Department of Health, Government of Bihar -**  
**Environmental Clearance - Reg.**

Dear Sirs,

This has reference to the letter No. Z-29022/1/06-SSH (pt), dated 02.05.2008 of Director, Ministry of Health & Family Welfare, Govt. of India and subsequent letters dated 13.10.2008 and 03.06.2009 seeking prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Questionnaire, EIA, EMP and the additional clarifications furnished in response to the observations of the Expert Appraisal Committee constituted by the competent authority in its meetings held on 26<sup>th</sup> - 28<sup>th</sup> June 2008, 19<sup>th</sup> - 20<sup>th</sup> November, 2008 and 18<sup>th</sup> - 19<sup>th</sup> June, 2009 and awarded "Silver" grading to the project.

2. It is interalia, noted that the project involves the construction of a hospital and a medical college on a plot area of 100.5 acres. The complex will have a 960 beds hospital, teaching complex, auditorium, residential complex and public utility and infrastructure. The total water requirement is 2.0 MLD. Treated waste water to be used for horticulture 200 KLD, AC cooling 330 KLD. Total solid waste generation will be 1920 Kg/day. The waste will be treated and disposed as per the provisions of Bio-medical waste (Management and Handling Rules 1988). The power requirement is 10 MVA. The total parking spaces proposed are for 32 cars + 900 sq.m. for two wheeler parking area. Total cost of the project is Rs.290.0 crores.



3. The Expert Appraisal Committee, after due consideration of the relevant documents submitted by the project proponent and additional clarifications furnished in response to its observations, have recommended for the grant of Environmental Clearance for the project mentioned above. Accordingly, the Ministry hereby accord necessary Environmental Clearance for the above project as per the provisions of Environmental Impact Assessment Notification - 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as follows:

**PART A - SPECIFIC CONDITIONS**

**I. Construction Phase**

- (i) "Consent for Establishment" shall be obtained from Bihar Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.
- (ii) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- (iii) A First Aid Room will be provided in the project both during construction and operation of the project.
- (iv) All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.
- (v) Disposal of muck during construction phase should not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- (vi) Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants.
- (vii) Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.

WAPCOS



(viii) Any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Bihar Pollution Control Board.

*Pollution control set DG set -> license from state Pollution control board.*

(ix) The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.

(x) The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.

(xi) Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.

*Weekly noise level*

(xii) Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/BPCB.

(xiii) Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27<sup>th</sup> August, 2003. As the site is located within the 100 Km of Thermal Power Stations.

(xiv) Ready mixed concrete must be used in building construction.

(xv) Storm water control and its re-use as per CGWB and BIS standards for various applications.

(xvi) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.

(xvii) Permission to draw ground water shall be obtained from the competent Authority prior to construction/operation of the project.

(xviii) Separation of grey and black water should be done by the use of dual plumbing line for separation of grey and black water.

*Labman Singh*  
*Sharma*

- (xix) Fixtures for showers, toilet flushing and drinking should be of low flow either by use of aerators or pressure reducing devices or sensor based control.
- (xx) Use of glass may be reduced by upto 40% to reduce the electricity consumption and load on airconditioning. If necessary, use high quality double glass with special reflective coating in windows.
- (xxi) Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfill requirement.
- (xxii) Opaque wall should meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all airconditioned spaces while it is aspirational for non-airconditioned spaces by use of appropriate thermal insulation material to fulfill requirement.
- (xxiii) The approval of the competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightening etc.
- (xxiv) Regular supervision of the above and other measures for monitoring should be in place all through the construction phase, so as to avoid disturbance to the surroundings.
- (xxv) Under the provisions of Environment (Protection) Act, 1986, legal action shall be initiated against the project proponent if it was found that construction of the project has been started without obtaining environmental clearance.

**II. Operation Phase**

- i) The installation of the Sewage Treatment Plant (STP) should be certified by an independent expert and a report in this regard should be submitted to the Ministry before the project is commissioned for operation. Treated affluent emanating from STP shall be recycled/reused to the maximum extent possible. Treatment of 100% grey water by decentralised treatment should be done. Discharge of unused treated affluent shall conform to the norms and standards of the Bihar Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.
- ii) The solid waste generated should be properly collected and segregated. Wet garbage should be composted and dry / inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.





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- iii) Diesel power generating sets proposed as source of back up power for elevators and common area illumination during operation phase should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with Bihar Pollution Control Board.
- iv) Noise should be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.
- v) The green belt of the adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.
- vi) Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.
- vii) Rain water harvesting for roof run- off and surface run- off, as plan submitted should be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The borewell for rainwater recharging should be kept at least 5 mts. above the highest ground water table.
- viii) The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- ix) Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.
- x) A Report on the energy conservation measures confirming to energy conservation norms finalise by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U Factors etc and submit to the Ministry in three months time.
- xi) Energy conservation measures like installation of CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible.

Shamf



- xii) Adequate measures should be taken to prevent odour problem from solid waste processing plant and STP.
- xiii) The building should have adequate distance between them to allow movement of fresh air and passage of natural light, air and ventilation.

**PART - B. GENERAL CONDITIONS**

- i) The environmental safeguards contained in the EIA Report should be implemented in letter and spirit.
- ii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.

4. Officials from the Regional Office of MOEF, Bhubaneshwar who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents / data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF should be forwarded to the CCF, Regional office of MOEF, Bhubaneshwar.

5. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.

6. The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.

7. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.

8. These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.



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9. The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the Bihar Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at <http://www.envfor.nic.in>. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhubaneshwar.

10. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.

11. Any appeal against this Environmental Clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

12. A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parisad/Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.

13. The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.

14. The environmental statement for each financial year ending 31<sup>st</sup> March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.



(Bharat Bhushan)  
Director (IA)

Copy to:

1. The Secretary, Department of Environment, Government of Bihar, Secretariat, Patna.
2. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 110 032.
3. Member Secretary, Bihar Pollution Control Board, Department of Environment, Govt. of Bihar, Patna.
4. ✓ Dr. Vinayak M. Prasad, Director, Ministry of Health & Family Welfare, Nirman Bhawan, New Delhi - 110 108.
5. The CCF, Regional Office, Ministry of Environment & Forests RO (EZ), A/3, Chandrasekharapur, Bhubaneswar - 751023
6. IA - Division, Monitoring Cell, MOEF, New Delhi - 110003.
7. Guard file.

  
(Bharat Bhushan)  
Director (IA)

17.07.2007

**CTE SPCB**



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

BY REGISTERED POST

Ref. No. PT(NC)-3808/09/ B-652

Patna, Dated- 11.8.10

CONSENT - TO - ESTABLISH (NOC)

UNDER SECTION 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:

Reference application no.25874 dated 17.12.09 of M/s Apex Health Care Teaching Institution, All India Institute of Medical Sciences, Phulwarishariff, Patna for setting up a Health Care Facilities at Opp. DAV Public School, Walmi, Phulwarishariff, Patna

AFTER CONSIDERING:

- (i) The facts stated in their application and Environmental clearance issued by Govt. of India, Ministry of Environment & Forest, New Delhi, vide letter no 21-269/2008-1A III dated 17.07.2009
- (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 the Bio-medical Waste (Management and Handling) Rules, 1998

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 25/26 of the Water Act, 1974, under section 21 of the Air Act, 1981
- (ii) Authorisation shall obtain under the Bio-medical waste (Management & Handling) Rules, 1998 and the amended there of, prior to commissioning of the Institute



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- (iii) The effluent (domestic and liquid waste) shall conform to the standards as prescribed by the Board
- (iv) Effluent Treatment Plant/Sewage Treatment Plant shall construct as per the CPCB guidelines.
- (v) The installation of Incinerator, Autoclave, Microwave, Shredder etc shall be done as per the CPCB guidelines.
- (vi) The design and construction of the Incinerator shall be done as per the guidelines of CPCB. The Incinerator shall be equipped with Air Pollution Control Device such as High pressure venturi scrubber system to comply with the particulate matter emission limit of 150 mg/Nm<sup>3</sup> (corrected to 12% CO<sub>2</sub>)
- (vii) The minimum height of the stack attached to the Incinerator shall be 30 meters duly fitted with port hole and platform to measure emission and the height of the exhaust pipe of the D G set shall be 3 meters above roof of the building in which installed and the noise level shall be controlled by having D.G set with integrated acoustic enclosure.
- (viii) Appropriate management measures for treatment and disposal of bio-medical wastes of each category as per the provisions of schedule-V of the Bio-medical waste (M&H) Rules, 1998 shall be done.
- (ix) The emission (SPM, SO<sub>2</sub>, NO<sub>x</sub> etc.) standard shall conform as prescribed by the Board.
- (x) They shall maintain the record as per the Bio-medical Waste (M&H) Rules, 1998
- (xi) The Bihar State Pollution Control Board reserves the option to revise and add other conditions if necessary for protection of Environment in general and pollution control in particular
- (xii) The present NOC should not be construed as an assurance for granting consent to operate the proposed unit and in subject to compliance of all the conditions noted above
- (xiii) This NOC is valid for period of one year from the date of issue.

  
(M. K. Singh)

Member-Secretary

CTE

Annexure - 1



## बिहार राज्य प्रदूषण नियंत्रण पर्वद

बेल्ड्रॉन भवन, शास्त्रीनगर, पटना - 800 023

दूरभाष नं०- 0612-2281250/2282265, फ़ैक्स- 0612-2281050

ई-मेल-bspcb@vsnl.net, वेबसाईट- <http://bspcb.bih.nic.in>

By registered post

Ref. no.: PT (NOC)-3808/09/ B- 876

Patna, dated: 09.9.11

From

Manoj Kumar Singh  
Member-Secretary

To

Mr. V.K.Tyagi  
Chief Engineer, PMU-PMSSY,  
M/s Apex Health Care Teaching Institution,  
All India Institute of Medical Sciences,  
Opp. DAV Public School, Walmi,  
Phulwarishariff, Patna

Sub: **Extension of period of validity of the Consent-to- Establish (NOC) No. PT (NOC) 3808/09/B- 652 dt. 02.11.08.2010**

Ref.: **Your letter no. A/6000/AIIMS/Patna dated 05 August 2011**


Sir,

With reference to the subject noted above and letter under reference, it is to inform that this Board is pleased to extend the validity period of the Consent-to-Establish (NOC) for setting up a Health Care Facility in favour of M/s Apex Health Care Teaching Institution, All India Institute of Medical Sciences, Patna at Phulwarishariff, Opp. DAV Public School, Walmi, Patna issued vide this office letter no. PT(NOC) 3808/09/B-652 dt.11.08.2010 for a further period **from 11.08.2011 to 31.03.2013**. All other terms and conditions detailed in the said NOC will remain unchanged.

You are also requested to ensure the compliance of conditions stipulated in the Environmental Clearance granted to you by the Ministry of Environment & Forest, Govt. of India and to send a status report of the compliances made periodically to the Regional Office, Ministry of Environment & Forest, Govt. of India; Zonal Office, Central Pollution Control Board, Kolkata and Bihar State Pollution Control Board, Patna

This has the approval of the competent Authority

Yours faithfully,

  
(Manoj Kumar Singh)  
Member-Secretary

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**CTO SPCB**





**BY REGISTERED POST**  
**BIHAR STATE POLLUTION CONTROL BOARD**  
Pariyesh Bhawan, N.S.B.-2, Patliputra Industrial Area  
P.O. Sadaquat Ashram, Patna - 800010.

Ref. No. Pt-3-460/12/1

Patna, Dated-

**EMISSION CONSENT ORDER**

With reference to the application no. 1643919 dated 17.09.2018 of **M/s All India Institute of Medical Sciences (AIIMS), Patna** under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, he/they is/are granted consent to operate his/their 960 Bedded Health Care Facility at Phulwarisharif, Patna-801507. This Consent Order will be valid upto 30.11.2023 from the date of issue 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, they shall comply with the requirements of the Environment (Protection) Act, 1986; the Hazardous Waste Management Rules 2016; 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.
5. That, the D.G set should be provided with an integral acoustic enclosure and the maximum permissible sound pressure level for new D.G set shall be 75dB(A) at 1 meter from the enclosure surface.
6. That, the minimum height of stack for exhaust emission to be provided with D.G set shall be 1.0 meter more than the height of the building where it is installed.
7. That, the occupier shall submit stack emission report every year during the period of consent order.
8. The bio-degradable waste shall be processed, treated and disposed off through composting or bio-methanation within the premises as far as possible. The residual waste shall be given to the waste collectors or agency as directed by the local body.
9. That, the unit shall submit Environmental Statement by Sept. every year;
10. That, tree plantation shall be done in space available in the complex;
11. That, the occupier/operator shall comply all the conditions as imposed in the Authorisation under the Bio-medical Waste Management Rules, 2016
12. That, the unit shall submit Annual Report in Form -IV under the Bio-Medical Waste Management Rules, 2016 to the Board within 30<sup>th</sup> June every year;
13. That, this consent order is granted, subject to the condition that in the event of any information's/ documents submitted by the proponent are found false or misleading at any stage the consent order granted shall be revoked and legal action shall be initiated;
14. The unit shall comply with all above conditions and submit compliance report every year to the Board.

This has approval of the competent authority.

Sd/-  
(Naveen Kumar)  
Scientist

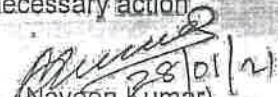
To,

Dr. P.K. Singh, Director  
All India Institute of Medical Sciences (AIIMS),  
Phulwarisharif,  
Patna-801507

Memo no: B-178

Copy to: The Regional Officer, B.S.P.C.B, Patna for information and necessary action

Patna, dated: 28/10/2018

  
(Naveen Kumar)  
Scientist





# BIHAR STATE POLLUTION CONTROL BOARD

Pariवेश Bhawan, Patliputra Industrial Area

P.O: Sadaquat Ashram Patna - 800010

BY REGISTERED POST

Ref. No.-PT/2-68/12/

Patna, Dated-

## DISCHARGE CONSENT ORDER

With reference to the application no. 1643919 dated 17.09.2018 of M/s All India Institute of Medical Sciences (AIIMS), Patna for consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, he/they is/are granted consent to operate his/their 960 Bedded Health Care Facility at Phulwarisharif, Patna-801507. This Consent Order will be valid upto 30.11.2023 from the date of issue with the following conditions:-

1. That, he/they shall not make any alteration, addition, deletion or modification in the plant/hospital 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, they shall comply with the requirements of the Environment (Protection) Act, 1986; the Hazardous Waste Management Rules 2016; 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 effluents (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;
5. That, the effluent generated or treated from the premises should conform to the prescribed limits before discharge into the sewer. (pH-6.5-9.0; Suspended Solids- 100 mg/l, Oil & Grease- 10 mg/l, BOD- 30 mg/l, COD- 250 mg/l, Bio assay test- 90%, survival of fish after 96 hours in 100% effluent).
6. That, the occupier shall submit effluent test report from the approved laboratory every year during the consent period and it should conform the permissible limit of the CPCB ;
7. That, the unit shall submit Environmental Statement by Sept. every year;
8. That, the bio-degradable waste shall be processed, treated and disposed off through composting or bio-methanation within the premises as far as possible. The residual waste shall be given to the waste collectors or agency as directed by the local body;
9. That, this consent order is granted, subject to the condition that in the event of any information's/ documents submitted by the proponent are found false or misleading at any stage the consent order granted shall be revoked and legal action shall be initiated;
10. That, The unit shall comply with all above conditions and submit compliance report every year to the Board;
11. That, the Occupier shall comply all the provisions of the Bio-medical Waste Management Rules, 2016.

This has approval of the competent authority.

To,

Dr. P.K. Singh, Director  
All India Institute of Medical Sciences (AIIMS),  
Phulwarisharif,  
Patna-801507

Sd/-  
(Naveen Kumar)  
Scientist

Memo no.: B-177

Copy to: The Regional Officer, B.S.P.C.B, Patna for information and necessary action

Patna, dated: 28/11/2018

(Naveen Kumar)  
Scientist

**BMW AUTHORIZATION SPCB**





BIHAR STATE POLLUTION CONTROL BOARD

Parivesh Bhawan, Patliputra Industrial Area

P.O: Sadaquat Ashram, Patna-800010

EPABX-0612-2261250/2262265, Fax-0612-2261050

E-mail-bspcb@yahoo.com, Website -http://bspcb.bih.nic

[Authorisation under rule 10 of the Bio-Medical Waste Management Rules, 2016]  
"Form-III"

[See Rule 10]

(Authorisation for operating a facility for collection, reception, treatment, storage, transport and disposal of bio-medical wastes)

1. File number of Authorisation and date of issue: BMW/133/14 *Biggy dt. 12.12.18*
2. Director, All India Institute of Medical Sciences an occupier or operator of the facility located at Phulwarisharif, Patna-801507 is hereby granted an authorization for;

- Activity
- ✓ Generation, Segregation
  - Collection,
  - ✓ Storage
  - Packaging
  - Reception
  - Transportation
  - ✓ Treatment or Processing or conversion
  - Recycling
  - ✓ Disposal or Destruction
  - Use
  - Offering for sale, transfer
  - Any other form of handling

3. M/s All India Institute of Medical Sciences, Phulwarisharif, Patna-801507 is hereby authorised for handling of bio-medical wastes as per the capacity given below:

(i) No. of beds of HCF -200

(ii) Quantity of bio-medical waste handled, treated or disposal:

<u>Type of Waste Category</u>	<u>Quantity permitted for Handling</u>
Yellow	: <b>4651.18 kg/annum</b>
Red	: <b>4894.56kg/annum</b>
White (Translucent)	: <b>752.73kg/annum</b>
Blue	: <b>1121.50kg/annum</b>

4. This authorisation shall be in force for a period of **five years from the date of issue.**
5. This Authorisation is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force the Environment (Protection) Act, 1986.

### Terms and Conditions of authorization

1. The authorized shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorised by the prescribed authority.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the bio-medical wastes without obtaining prior permission of the prescribed authority.
4. Any unauthorized change in personnel, equipment or working conditions as application by the person authorized shall constitute a breach of his authorisation.
5. It is the duty of the authorized person to take prior permission of the prescribed authority to close down the facility and such other terms and conditions may be stipulated by the prescribed authority.
6. **The occupier shall obtain Discharge Consent under the Water (Prevention and Control of Pollution) Act, 1974 and Emission Consent under the Air (Prevention and Control of Pollution) Act, 1981 from this Board.**
7. It is the duty of occupier to take all necessary steps to ensure that bio-medical waste is handled without any adverse effect to human health and the environment and in accordance with these rules;
8. The Occupier shall strictly comply with the provisions of these rules and in no case they are expected to dispose of any waste on roadside or at any unauthorised place under any circumstances;

Contd..2..

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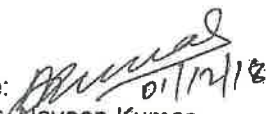
9. Provision shall be made within the premises for a safe, ventilated and secured location for storage of segregated bio-medical waste in coloured bags or containers in the manner as specified in Schedule- I, to ensure that there shall be no secondary handling, pilferage of recyclables or inadvertent scattering or spillage by animals and the bio-medical waste from such place or premises shall be directly transported in the manner as prescribed in these rules to the common bio-medical waste treatment facility or for the appropriate treatment and disposal, as the case may be, in the manner as prescribed in Schedule- I;
10. The Occupier shall treat and dispose the bio-medical waste through Common Bio-medical Waste Treatment Facility of the area concerned i.e. (M/s Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna- 800014) for proper treatment and disposal of the bio-medical wastes;
11. Pre-treatment of the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilisation on-site shall be ensured in the manner as prescribed by the World Health Organisation (WHO) or National AIDs Control Organisation (NACO) guidelines and then sent to the common bio-medical waste treatment facility for final disposal;
12. Chlorinated plastic bags, gloves and blood bags shall be phased out by the 27th of March, 2018;
13. Treated bio-medical waste shall not be given with municipal solid waste;
14. Training to all health care workers and others, involved in handling of bio-medical waste at the time of induction and there after at least once every year shall be provided and the details of training programmes conducted, number of personnel trained and number of personnel of undergone any training shall be provided in the Annual Report;
15. All health care workers and others, involved in handling of bio-medical waste shall be immunized for protection against diseases including Hepatitis B and Tetanus that are likely to be transmitted by handling of bio-medical waste, in the manner as prescribed in the National Immunisation Policy or the guidelines of the Ministry of Health and Family Welfare issued from time to time;
16. Bar-Code System shall be established for bags or containers containing bio-medical waste to be sent out of the premises or place for any purpose.
17. Segregation of liquid chemical waste shall be ensured at source and pre-treatment or neutralisation prior to mixing with other effluent generated from health care facilities shall also be ensured;
18. Treatment and disposal of liquid waste in accordance with the Water (Prevention and Control of Pollution) Act, 1974 (6of1974) shall be ensured;
19. Occupational safety of all its health care workers and others involved in handling of bio-medical waste shall be ensured by providing appropriate and adequate personal protective equipments;
20. Health check up at the time of induction and at least once in a year shall be conducted for all its health care workers and others involve in handling of bio- medical waste and records for the same shall be maintained;
21. Bio-medical waste management register shall be maintained and updated on day to day basis and monthly record of the same shall be displayed on its website according to the bio-medical waste generated, treated and disposed in terms of category and colour coding as specified in Schedule I;
22. Major accidents, if any including accidents caused by fire hazards, blasts during handling of bio-medical waste, and the remedial action taken and the records relevant there to shall be reported, (including nil report) in Format I to the prescribed authority and also along with the annual report;
23. The Annual Report in Form IV shall be submitted to the Prescribed Authority i.e. Bihar State Pollution Control Board on or before the 30th June of every year;
24. Annual report shall also be made available on the web-site of the Unit and website of the Health Care Facility shall be made latest by the 27th of March, 2018;
25. The prescribed authority shall be informed immediately in case the operator of a facility does not collect the bio-medical waste within the intended time or as per the agreed time;
26. A system shall be established to review and monitor the activities related to bio-medical waste management, either through an existing committee or by forming a new committee and the Committee shall meet once in every six months and the record of the minutes of the meetings of this committee shall be submitted along with the annual report to the prescribed authority and the health care establishments having less than thirty beds shall designate qualified person to review and monitor the activities relating to bio-medical waste management within that establishment and submit the annual report;

27. Adequate fire protection equipment (such as smoke detectors, fire extinguishers, sand buckets, fire alarm, water sprinklers etc.) at salient places within the premises even at bio-medical storage area in accordance with the fire safety regulation shall be installed. Required certificate from fire safety department shall be obtained by the occupier.
28. Proper management of mercury bearing waste in environmentally sound manner shall be ensured as per the guidelines notified for the purpose by CPCB.
29. All records shall be maintained for a period of five years.  
This has approval of the competent authority.

Date:

To

**Director,  
All India Institute of Medical Sciences,  
Phulwarisharif, Patna-801507**

Signature:   
Name: Dr. Naveen Kumar  
Designation: A.S.O



**FIRE NOC**



अन्तिम अनापत्ति प्रमाण पत्र

(बिहार अग्निशामन सेवा अधिनियम, 2014 की धारा-02 की उपधारा-(छ) के अधीन  
बिहार अग्निशामन सेवा नियमावली, 2021 के नियम 15 (छ)(ii) के अन्तर्गत)

राज्य अग्निशामन पदाधिकारी-सह-निदेशक का कार्यालय, बिहार, पटना ।

(F-08/FO/2022)

पत्रांक...3536...

दिनांक...08/07/2022

प्रेषक,

निदेशक-सह-राज्य अग्निशामन पदाधिकारी,  
बिहार, पटना।

सेवा में,

Dr. Anil Kumar,  
Medical Superintendent,  
AIIMS, Patna.

प्रसंग:-

आपका पत्रांक-328, दिनांक-07.03.2022

औपबंधिक अग्नि निवारण एवं अग्नि सुरक्षा अनापत्ति प्रमाण पत्र का पत्रांक-3468,  
दिनांक-28.09.2011

विषय:-

अंतिम अग्नि निवारण एवं अग्नि सुरक्षा अनापत्ति प्रमाण पत्र हेतु ।

महाशय,

उपरोक्त प्रसंग एवं विषय के संबंध में सूचित करना है कि आपके द्वारा समर्पित भवन निर्माण पूर्णता की सूचना की जाँच आपके द्वारा संलग्न चेक लिस्ट के अनुसार राज्य अग्निशामन सेवा, बिहार, पटना के द्वारा गठित अग्नि सुरक्षा एवं निवारण स्कंध (FSPW) की संतुष्टि के उपरान्त व उक्त समिति में शामिल विशेषज्ञों की अनुशंसा के आलोक में की गयी । अग्नि सुरक्षा व्यवस्था संतोषप्रद पाए जाने की स्थिति में निम्नलिखित शर्तों के साथ अंतिम अग्नि निवारण एवं अग्नि सुरक्षा अनापत्ति प्रमाण पत्र निर्गत किया जा रहा है:-

(1) राष्ट्रीय भवन संहिता, 2016 समय-समय पर यथा संशोधित, बिहार भवन उपविधि, 2014 समय-समय पर यथा संशोधित, बिहार अग्निशामन सेवा अधिनियम, 2014, बिहार अग्निशामन सेवा नियमावली, 2021, बिहार नगरपालिका अधिनियम, 2007, बिहार अपार्टमेन्ट ऑनररीप अधिनियम, 2006, मल्टी स्टोरी भवन अधिनियम, 1981 एवं भवन श्रेणी के आलोक में तत्समय प्रवृत्त अन्य अधिनियम/नियम/निर्देश का अनुपालन करेंगे ।

(2) औपबंधिक अग्नि निवारण एवं अग्नि सुरक्षा अनापत्ति प्रमाण पत्र से संबंधित आवेदन पत्र के साथ संलग्न चेक लिस्ट/अन्डरटेकिंग का पालन करेंगे ।

(3) भवन के चारों ओर भवन रेखा तक पहुँच हेतु न्यूनतम 6 मीटर (भवन श्रेणी एवं भवन निर्माण के अनुसार) चौड़ा रास्ता को पार्किंग बाधा/जेनरेटर/ट्रान्सफार्मर/सुरक्षा बल/डाक घर/खुदरा विक्रेता/विविध/अन्य निर्माण/फिक्चर्स/बालकोनी की ऊँचाई 5 मीटर (विधिसम्मत यथाआवश्यक) से मुक्त रखेंगे।

(4) अधिवासियों के सुरक्षित निकासी हेतु निकास सीढ़ी की क्षमता एवं चौड़ाई राष्ट्रीय भवन संहिता, 2016 समय-समय पर यथा संशोधित के प्रावधानों के आलोक में सुनिश्चित रखेंगे।

- (5) आग के फैलाव को सीमित करने तथा बाहरी सीढ़ी/लिफ्ट में धुआँ का प्रवेश रोकने हेतु अग्नि प्रतिरोध दरवाजा की स्थिति सही रखेंगे ।
- (6) भूतल/तलघर में पार्किंग के स्प्रोकलर पूर्ण क्रियाशील अवस्था में रखेंगे।
- (7) सीढ़ी एवं लिफ्ट पूर्ण क्रियाशील अवस्था में रखेंगे।
- (8) अधिष्ठापित अग्निशामन यंत्र, एलार्म आदि को संबंधित प्रावधान के आधार पर नियमित रूप से जाँच करते हुए क्रियाशील अवस्था में रखेंगे।
- (9) प्रथम 2 वर्षों में त्रैमासिक तथा उसके बाद अर्द्धवार्षिक अग्नि सुरक्षा डील करेंगे।
- (10) आपातकालीन जेनरेटर आदि एवं संबंधित उपकरण का जाँच राष्ट्रीय भवन संहिता, 2016 समय-समय पर यथा संशोधित एवं आई०एस० 1644 के अनुसार करेंगे।
- (11) अधिष्ठापित अग्निशामन उपकरण (राष्ट्रीय भवन संहिता, 2016 समय-समय पर यथा संशोधित का भाग-4 का टेबुल संख्या-7 के अनुसार)
- (क) भूतल पानी टंकी की क्षमता- 2,00,000 लीटर
- (ख) छत पर पानी टंकी की क्षमता- 40,000 लीटर
- (ग) भूतल पर विद्युत/डीजल/जॉकी पम्प की क्षमता- As per NBC
- (घ) छत पर विद्युत/अन्य पम्प की क्षमता- As per NBC
- (ङ.) स्वचालित अग्नि सूचक एवं एलार्म प्रणाली- हाँ
- (च) हस्तचालित अग्नि एलार्म प्रणाली- हाँ
- (छ) स्वचालित स्प्रोकलर प्रणाली- हाँ
- (ज) हॉज रील- हाँ
- (झ) वेट राईजर- हाँ
- (ञ) डाउन कमर- As per NBC
- (12) पोर्टेबल अग्निशामक यंत्रों की संख्या (प्रकार एवं क्षमता के अनुसार अलग-अलग)- As per NBC
- (13) दृष्टिगोचर स्थलों पर निकासी रास्ता दिखाते हुए निकास योजना का प्रदर्शन करेंगे ।
- (14) अग्नि सुरक्षा पदाधिकारी (भवन श्रेणी के अनुसार) रखेंगे ।
- (15) अग्नि नियंत्रण कक्ष।
- (16) भवन श्रेणी में किसी प्रकार का परिवर्तन किए जाने की स्थिति में नए सिरे से अनापत्ति प्रमाण पत्र प्राप्त करना होगा ।

निदेशक-सह-राज्य अग्निशामन पदाधिकारी,  
बिहार, पटना

**AAI NOC**



# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

PATN/EAST/B/120622/729811

Name and address of the owner EXECUTIVE DIRECTOR ,ALL INDIA INSTITUTE OF MEDICAL SCIENCES PATNA Date: 21-12-2022

OWNER'S NAME & ADDRESS at Medical College Building Ground Floor Phulwari Sharif AIIMS Patna 801507 Bihar Validity / Valid Up to: 20-12-2030

## No Objection Certificate (NOC) for Height Permission No Objection Certificate for Height Clearance

1) This NOC is in pursuance of the obligations assigned by the Airports Authority of India (AAI) and the notification of the Government of India (Ministry of Civil Aviation) G.O. s. R. 751 (E) dated the 30th September, 2015, G.S. s. R. 770 (E) dated 17th December 2020, as amended vide G.S.R.

1. This NOC is issued by Airports Authority of India (AAI) in pursuance of responsibility conferred by and as per the provisions of Govt. of India (Ministry of Civil Aviation) order GSR751 (E) dated 30th Sep.2015 amended by GSR770(E) dated 17th Dec 2020 for safe and regular Aircraft Operations.

2). This office has no objection to the construction of the proposed structure as per the following details:

No Objection Certificate ID / NOC ID	PATN/EAST/B/120622/729811
Name of the applicant / Applicant Name*	Vinay Kumar
Site Address*	Plot No - 391 392 393 394 395 396 533 534 535 536 537 538 539 540 541 542 Thana No - 51 Thana - Danapur Mauza - Saidpura Patna Bihar,Saidpura,Patna,Bihar
Site Coordinates*	25 34 25 34 17.70n 85 02 35.56e, 25 34 19.15n 85 02 36.33e, 25 34 15.63n 85 02 36.36e, 25 34 16.59n 85 02 37.12e, 25 34 14.91n 85 02 37.57e, 25 34 16.05n 85 02 37.75E, 25 34 15.68N 85 02 38.18E, 25 34 17.34N 85 02 38.82E
Site Elevation in mtrs AMSL as submitted by Applicant*	54
Permissible Top Elevation in mtrs Above Mean Sea Level(AMSL)	98.40 M (Restricted)

\* As provided by the applicant / As provided by the applicant\*

3) This No Objection Certificate is subject to the following terms and conditions:-

3. This NOC is subject to the terms and conditions as given below:





# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

PATN/EAST/B/120622/729811

- a) The elevation and coordinates of the site provided by the applicant have been used to issue the maximum height permissible for the proposed structure. The Airports Authority of India neither accepts responsibility nor certifies the correctness of the altitude and coordinates of the site provided by the applicant. If at any stage it is found that the actual details are different from the details provided by the applicant, then this No Objection Certificate will be considered invalid and legal action will be taken. Action will be taken under the Aircraft Rules 1994 (Demolition of obstruction due to buildings, trees etc.) by the officer-in-charge of the concerned aerodrome.
- a. Permissible Top elevation has been issued on the basis of Site coordinates and Site Elevation submitted by Applicant. AAI neither owns the responsibility nor authenticates the correctness of the site coordinates & site elevation provided by the applicant. If at any stage it is established that the actual data is different, this NOC will stand null and void and action will be taken as per law. The officer-in-charge of the concerned aerodrome may initiate action under the Aircraft (Demolition of Obstruction caused by Buildings and Trees etc.) Rules, 1994”.
- b) The location coordinates provided by the applicant in the application for No Objection Certificate have been marked on the street view map and satellite map as shown in the Annexure. The applicant / owner should ensure that the coordinates mentioned match with his location. In case of any discrepancy, a request will be made to the designated officer to cancel the NOC.
- b. The Site coordinates as provided by the applicant in the NOC application have been plotted on the street view map and satellite map as shown in the Annexure. Applicant/Owner to ensure that the plotted coordinates correspond to his/her site. In case of any discrepancy, Designated Officer shall be requested for cancellation of the NOC.
- c) The airport operator or his designated representative may visit the site (with prior coordination with the applicant or the owner) to ensure compliance with the No Objection Certificate terms and conditions.
- c. Airport Operator or his designated representative may visit the site (with prior coordination with applicant or owner) to ensure that NOC terms & conditions are complied with.
- d) The height of the structure (including super structure) shall be calculated by deducting the height of the site from the permissible maximum height (AMSL). That is, maximum height of the structure = maximum permissible height (-) height of the site.
- d. The Structure height (including any superstructure) shall be calculated by subtracting the Site elevation in AMSL from the Permissible Top Elevation in AMSL ie Maximum Structure Height = Permissible Top Elevation minus (-) Site Elevation.
- f) Issue of NOC is subject to section 9-A of the Indian Aircraft Act, 1934 and notifications issued thereunder from time to time and the Aircraft (Demolition of Obstruction due to Buildings, Trees etc.) Rules, 1994.
- c. The issue of the 'NOC' is further subject to the provisions of Section 9-A of the Indian Aircraft Act, 1934 and any notifications issued there under from time to time including, “The Aircraft (Demolition of Obstruction caused by Buildings and Trees etc. ) Rules, 1994”.
- g) No radio/TV antenna, lightning arrester, ladder, pole, water tank or any other object and attachment equipment of any kind shall exceed the maximum permissible height mentioned in para 2.
- f. No radio/TV Antenna, lightening arresters, staircase, Mumty, Overhead water tank or any other object and attachments of fixtures of any kind shall project above the Permissible Top Elevation as indicated in para 2.
- h) Use of oil, electricity or any other fuel that does not create smoke hazard for flight operations is permitted within 8 KM of the aerodrome reference point.



# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

PATN/EAST/B/120622/729811

g. Use of oil, electric or any other fuel which does not create smoke hazard for flight operation is obligatory, within 8 KM of the Aerodrome Reference Point

झ) यह प्रमाणपत्र इसके जारी होने की तारीख से 8 साल की अवधि के लिए वैध है। एक बार रिवेलीडेशन की अनुमति दी जा सकती है, बशर्ते कि इस तरह का अनुरोध एनओसी की समाप्ति की तारीख से छह महीने के भीतर किया जाए और प्रारंभिक प्रमाणपत्र 8 साल की वैधता अवधि के भीतर प्राप्त किया जाए।

h. The certificate is valid for a period of 8 years from the date of its issue. One-time revalidation shall be allowed, provided that such request shall be made within six months from the date of expiry of the NOC and commencement certificate is obtained within initial validity period of 8 years.

ट) भवन के निर्माण के दौरान या उसके बाद किसी भी समय स्थल पर ऐसी कोई भी लाइट या लाइटों का संयोजन नहीं लगाया जाएगा जिसकी तीव्रता, आकृति या रंग के कारण वैमानिक ग्राउन्ड लाइटों के साथ भ्रम उत्पन्न हो। विमान के सुरक्षित प्रचालन को प्रभावित करने वाली कोई भी गतिविधि मान्य नहीं होगी।

i. No light or a combination of lights which by reason of its intensity, configuration or colour may cause confusion with the aeronautical ground lights of the Airport shall be installed at the site at any time, during or after the construction of the building. No activity shall be allowed which may affect the safe operations of flights.

ठ) आवेदक द्वारा विमानपत्तन पर या उसके आसपास विमान से उत्पन्न शोर, कंपन या विमान प्रचालन से हुई किसी भी क्षति के विरुद्ध कोई शिकायत/दावा नहीं किया जाएगा।

j. The applicant will not complain/claim compensation against aircraft noise, vibrations, damages etc. caused by aircraft operations at or in the vicinity of the airport.

ड) डे मार्किंग तथा सहायक विद्युत आपूर्ति सहित नाइट लाइटिंग (डीजीसीए भारत की वेबसाइट [www.dgca.nic.in](http://www.dgca.nic.in) पर उपलब्ध) नागर विमानन आवश्यकताएं श्रृंखला 'बी' पार्ट 1, सैक्शन-4 के चैप्टर 6 तथा अनुलग्नक 6 में विनिर्दिष्ट दिशानिर्देशों के अनुसार उपलब्ध कराई जाएंगी।

k. Day markings & night lighting with secondary power supply shall be provided as per the guidelines specified in chapter 6 and appendix 6 of Civil Aviation Requirement Series 'B' Part I Section 4, available on DGCA India website: [www.dgca.nic.in](http://www.dgca.nic.in)

ढ) भवन के नक्शे के अनुमोदन सहित अन्य सभी वैधानिक अनापत्ति, संबंधित प्राधिकरणों से लेना आवेदक की जिम्मेदारी होगी, क्योंकि इस ऊँचाई हेतु अनापत्ति प्रमाणपत्र लेने का उद्देश्य सुरक्षित एवं नियमित विमान प्रचालन सुनिश्चित करना है तथा इसे भूमि के स्वामित्व आदि सहित किसी अन्य उद्देश्य/ दावे के लिए दस्तावेज के रूप में प्रयोग नहीं किया जा सकता।

l. The applicant is responsible to obtain all other statutory clearances from the concerned authorities including the approval of building plans. This NOC for height clearances is only to ensure safe and regular aircraft operations and shall not be used as document for any other purpose/claim whatsoever, including ownership of land etc.

ण) इस अनापत्ति प्रमाणपत्र आईडी का मूल्यांकन Patna विमानक्षेत्रों के संबंध में किया गया है। यह अनापत्ति प्रमाणपत्र भारतीय विमान पत्तन प्राधिकरण के विमानक्षेत्रों और अन्य लाइसेंस प्राप्त सिविल विमानक्षेत्रों, जो जी. एस. आर. 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची - III, अनुसूची - IV (भाग - 1), अनुसूची- IV (भाग -2; केवल RCS हवाई अड्डे) और अनुसूची- VII में सूचीबद्ध हैं, के लिए जारी किया गया है।

m. This NOC ID has been assessed with respect to the Patna Airports. NOC has been issued w.r.t. the AAI



भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA



# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

PATN/EAST/B/120622/729811

Aerodromes and other licensed Civil Aerodromes as listed in Schedule – III, Schedule – IV(Part-I), Schedule- IV (Part-2; RCS Airports Only) and Schedule-VII of GSR 751(E) amended by GSR770(E)

त) यदि स्थल रक्षा विभाग के विमान क्षेत्र के अधिकार क्षेत्र में आता है, जैसा कि जीएसआर 751 (ई) की अनुसूची-V में सूचीबद्ध है, तो आवेदक को रक्षा विभाग से अलग से अनापत्ति प्रमाणपत्र लेना होता है। जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के नियम 13 के अनुसार, आवेदकों को उन स्थलों के लिये, जो जीएसआर 751 (ई) जी. एस. आर. 770 (ई) द्वारा संशोधित के अनुसूची- IV (भाग -2; आरसीएस हवाई अड्डों के अलावा) के रूप में सूचीबद्ध बिना लाइसेंस वाले विमान क्षेत्र के अधिकार क्षेत्र में आता है, तो संबंधित राज्य सरकार से भी अनापत्ति प्रमाणपत्र लेने की आवश्यकता है।

n. Applicant needs to seek separate NOC from Defence, if the site lies within the jurisdiction of Defence Aerodromes as listed in Schedule – V of GSR 751 E amended by GSR770(E). As per rule 13 of GSR 751 E amended by GSR770(E), applicants also need to seek NOC from the concerned state government for sites which lies in the jurisdiction of unlicensed aerodromes as listed in Schedule-IV (Part-2; other than RCS airports) of GSR 751 E amended by GSR770(E)

थ) अनापत्ति प्रमाण पत्र (एनओसी) की किसी भी त्रुटि/व्याख्या की स्थिति में अंगरेजी अनुवाद ही मान्य होगा।

o. In case of any discrepancy/interpretation of NOC letter, English version shall be valid.

द) स्थल की ऊँचाई और/या संरचना की ऊँचाई के किसी भी विवाद में अनुमन्य अधिकतम ऊँचाई एएमएसएल में ही मान्य होगी।

p. In case of any dispute with respect to site elevation and/or AGL height, Permissible Top Elevation in AMSL shall prevail.





# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

PATN/EAST/B/120622/729811

क्षेत्र का नाम / Region Name: पूर्व/EAST

पदनामित अधिकारी/Designated Officer नाम/ पदनाम/दिनांक सहित हस्ताक्षर Name/Designation/Sign with date	राजेन्द्र सिंह लाल महाप्रबंधक/ए.टी.एम. / General Manager/ATMER भारतीय विमानपत्तन प्राधिकरण/Airports Authority of India ने.सू.च.ब.अ. हवाई अड्डा/NSCBI Airport कोलकाता/Kolkata 700 052
द्वारा तैयार Prepared by	<del>Basu</del> 22.12.22
द्वारा जांचा गया Verified by	<del>Basu</del> 22.12.22

ईमेल आईडी / EMAIL ID : gmatmer@aai.acro  
फोन/ Ph: 033-25111293

ANNEXURE/अनुलग्नक

Distance From Nearest Airport And Bearing/निकटतम विमानक्षेत्र से दूरी और बीयरिंग

Airport Name/ विमानक्षेत्र का नाम	Distance (Meters) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से दूरी (मीटर मे)	Bearing(Degree) from Nearest ARP/निकटतम विमानक्षेत्र संदर्भ बिंदु से बीयरिंग (डिग्री)
Patna	5400.95	243.77
NOCID	PATN/EAST/B/120622/729811	



भारतीय विमानपत्तन प्राधिकरण  
AIRPORTS AUTHORITY OF INDIA



# भारतीय विमानपत्तन प्राधिकरण AIRPORTS AUTHORITY OF INDIA

PATN/EAST/B/120622/729811

Street View



December 6, 2022

Satellite View



December 6, 2022



# **CCOE APPROVAL**

CCOE Approval  
समाहरणालय, पटना  
सामान्य शाखाफोन नं० : 0612-2219545 (फा०)  
फैक्स नं० : 2219500  
Email : sdcpatnageneralsection@gmail.com  
dm-patna.bih@nic.in

## अनापत्ति प्रमाण पत्र

ऑल इंडिया इन्सटीच्युट ऑफ मेडिकल साइन्सेज (एम्स) के अन्दर मौजा-भुसौला दानापुर, सर्वे प्लॉट संख्या-1698(अंश), 1699(अंश), 1706 एवं 1705 थाना-फुलवारीशरीफ, जिला-पटना पर डीजल स्टोरेज स्थापित करने हेतु (1) वरीय पुलिस अधीक्षक, पटना (2) अनुमण्डल पदाधिकारी, पटना सदर (3) अंचलाधिकारी, फुलवारीशरीफ (4) अग्निशाम पदाधिकारी, फुलवारीशरीफ एवं (5) कार्यपालक अभियंता एम्स, पटना एवं (6) प्रभारी निदेशक, पटना महानगर क्षेत्र प्राधिकार, पटना से प्राप्त प्रतिवेदन के आलोक में कतिपय निम्नांकित शर्तों पर अनापत्ति प्रमाण-पत्र दी जाती है:-

- 01 संलग्न नक्शा एवं प्लान के अनुसार पथ निर्माण विभाग के जमीन का उपयोग मात्र डीजल स्टोरेज के पहुँच पथ के लिए की जाएगी।
- 02 पानी निकासी हेतु फर्म द्वारा आर०सीसी० पुलिया, ५०नि०वि० के मानक एवं विशिष्टियों के अनुसार बनाया जायेगा।
- 03 पहुँच पथ के निर्माण में वृक्ष पातन की आवश्यकता हो, तो वन प्रमण्डल विभाग से अनुमति प्राप्त करना अनिवार्य होगा।
- 04 संबंधित डीजल स्टोरेज की नक्शा की प्रति आवश्यक कार्रवाई हेतु मूल में लौटाई जाती है।
- 05 भविष्य में व्यवसायिक दर वृद्धि होने पर अंचलाधिकारी से पुनः मूल्यांकन कराया जायेगा और राशि जमा कराया जाएगा।
- 06 परिसर के अन्दर तथा उपर कोई भी "हाईटेशन वायर" नहीं ले जाया जायेगा।
- 07 सभी फायर एक्सटीपोर्टेबुल अग्निशामक यंत्रों की स्थापना I.S. 2190/1992 के अनुरूप किया जाए।
- 08 अग्निसुरक्षा के दृष्टिकोण से 15 मीटर की दूरी पर कोई आवासीय परिसर, शिक्षण संस्थान, धार्मिक संस्थान, ईट चिमनी भट्टा नहीं होने चाहिए।
- 09 प्रत्येक डिलीवरी प्वाइन्ट एवं इलेक्ट्रीक पैनल बोर्ड के समीप सुरक्षा कारणों से पर्याप्त मात्रा में अग्निशामक यंत्रों को रखना आवश्यक होगा।
- 10 डीजल स्टोरेज परिसर में जगह-जगह "नो स्मोकिंग" का बोर्ड तथा स्थानीय फायर स्टेशन का दूरभाष नं० तथा इमरजेन्सी नं०-101 दर्शाया जाय।
- 11 अन्य व्यवस्था पेट्रोलियम रूल 1934 एवं उस पर बनाये गये नियम तथा एक्सप्लोसिव एक्ट 1884/1908 तथा उस पर लगाये गये नियम के अनुकूल रखा जाय।
- 12 डीजल स्टोरेज स्थल का प्रवेश-निकास द्वार कभी भी अवरुद्ध नहीं किया जाय।
- 13 एक फायर ट्रेड स्टाफ की प्रतिनियुक्ति की जाय। सुरक्षा की दृष्टिकोण से कम से कम 15 मीटर की दूरी तक कोई भी आवासीय या एसेम्बली भवन नहीं हो।
- 14 सभी कर्मचारियों को अग्निशामक यंत्रों को संचालन की जानकारी दी जाय।
- 15 डीजल स्टोरेज प्लांट पर प्रतिमानक कया करें और कया नहीं करें की तख्ती रखी जाय।



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- 16 डीजल स्टोरेज के कमिश्नींग के पूर्व अग्निशामालय पदाधिकारी, पटना से निरीक्षण कराना होगा।
- 17 वर्ष में एक बार अग्निशामन यंत्रों का निरीक्षण कराना आवश्यक है।
- 18 प्रस्तावित भूमि घनी आवादी से 500 मीटर की दूरी पर होने चाहिए।
- 19 डीजल स्टोरेज टैंक का उपयोग केवल Emergency Service Continue करने के लिए की जायेगी। इसका प्रयोग बिक्री वितरण एवं ब्यवसायिक के लिए नहीं किया जायेगा।
- 20 डीजल स्टोरेज आउटलेट की स्थापना निर्धारित मानक तथा अनुमोदित नक्शों के अनुरूप करेंगे।
- 21 प्रभारी निदेशक, पटना महानगर क्षेत्र प्राधिकार, पटना के पत्रांक-26 दिनांक-05.02.2020 द्वारा निर्गत पत्र के आलोक में सभी शर्तों का अनुपालन करना होगा।

ह0/-

जिलाधिकारी,  
पटना।

ज्ञापांक-68-10/2017 455/सा0, पटना दिनांक-15/02/20

प्रतिलिपि :- कार्यपालक अभियंता, एम्स पटना के पत्र संदर्भ के क्रम में सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। प्रस्तावित स्थल का नक्शा अधोहस्ताक्षरी द्वारा अनुमोदित है जो संलग्न है।



11/2/20  
जिलाधिकारी,  
पटना।

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# ANNEXURE 3 GREEN BELT





# ANNEXURE 3 GREEN BELT



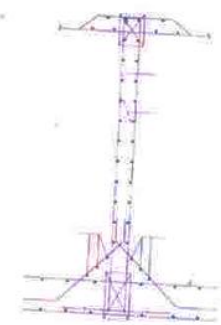
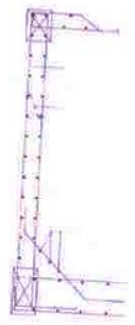
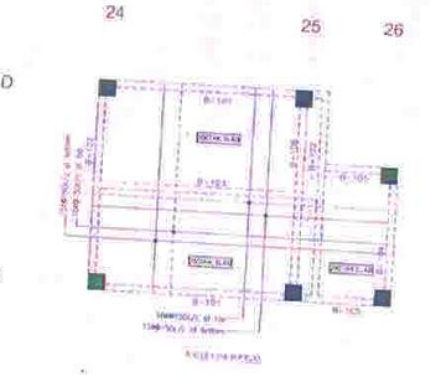
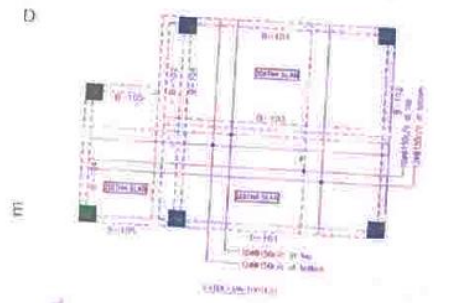
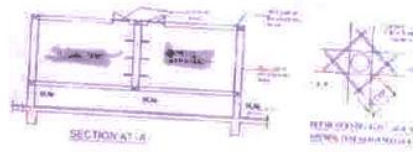
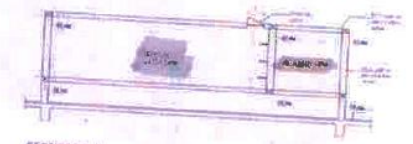
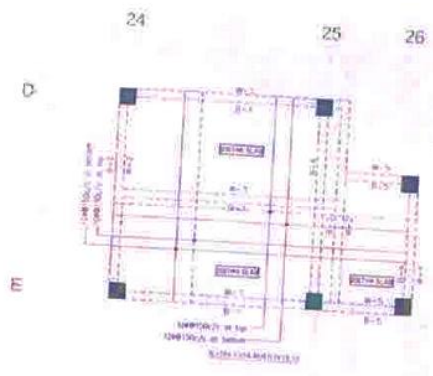
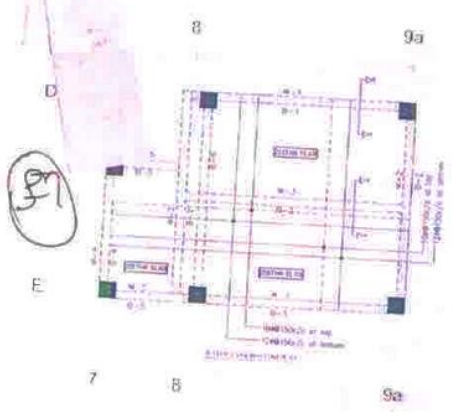


# ANNEXURE 4 PHOTOGRAPHS OF RWH



# ANNEXURE 5 DUAL PLUMBING PLAN

Annexure - 4



SCHEDULE OF BEAM

SL. NO.	BEAM NO.	SPAN (m)	DEPTH (m)	CONC.	REINFC.	REMARKS
1	B-101	3.20	1.20	M20	8E, 4T	...
2	B-102	3.20	1.20	M20	8E, 4T	...
3	B-103	3.20	1.20	M20	8E, 4T	...
4	B-104	3.20	1.20	M20	8E, 4T	...
5	B-105	3.20	1.20	M20	8E, 4T	...

SCHEDULE OF BEAM

SL. NO.	BEAM NO.	SPAN (m)	DEPTH (m)	CONC.	REINFC.	REMARKS
1	B-101	3.20	1.20	M20	8E, 4T	...
2	B-102	3.20	1.20	M20	8E, 4T	...
3	B-103	3.20	1.20	M20	8E, 4T	...
4	B-104	3.20	1.20	M20	8E, 4T	...
5	B-105	3.20	1.20	M20	8E, 4T	...

TYP. OF RCC WALL SECTION B-B

SL. NO.	WALL NO.	THICKNESS (m)	HEIGHT (m)	CONC.	REINFC.	REMARKS
1	W-101	0.20	3.00	M20	4E, 2T	...
2	W-102	0.20	3.00	M20	4E, 2T	...
3	W-103	0.20	3.00	M20	4E, 2T	...
4	W-104	0.20	3.00	M20	4E, 2T	...
5	W-105	0.20	3.00	M20	4E, 2T	...

TYP. OF RCC WALL SECTION A-A

SL. NO.	WALL NO.	THICKNESS (m)	HEIGHT (m)	CONC.	REINFC.	REMARKS
1	W-101	0.20	3.00	M20	4E, 2T	...
2	W-102	0.20	3.00	M20	4E, 2T	...
3	W-103	0.20	3.00	M20	4E, 2T	...
4	W-104	0.20	3.00	M20	4E, 2T	...
5	W-105	0.20	3.00	M20	4E, 2T	...

PROJECT: PROPOSED A.I.M.S. APEX HEALTH CARE INSTITUTE AT PATNA (BIHAR)  
 CLIENT: MINISTRY OF HEALTH AND FAMILY WELFARE (GOVT. OF BIHAR)

HOSPITECH MANAGEMENT CONSULTANTS PVT LTD  
 Address: Corporate Park, Area 02, ITRD, Patna-800 001  
 Telephone: 011-2341140, 2341153  
 Mobile: 91-9829000000

IN CHARGE: KISHORE KAPOOR  
 STRUCTURAL ENGINEER: LOKESH KUMAR TYAGI

HOSPITAL BLOCK OVER HEAD TANK DETAIL  
 AVADHBIHAR

DESIGNER: KIRANSHYAM HATE  
 CHECKER: LOKESH TYAGI

WORKING DRAWING  
 DATE: 07/NOV/2019  
 SCALE: 1/2



# ANNEXURE 5



# ANNEXURE 6 PHOTOGRAPHS OF WASH BASIN WITH AERATORS





## **ANNEXURE 7 COPY OF BOQ**

(18)

Item Code	S/No	Description of Items	Unit	Quantity	RATE	AMOUNT
22.7	14.4	<p>Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations:</p> <p>a) Applying a slurry coat of neat cement using 2.75 kg/sum. of cement admixed with water proofing compound conforming to IS 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300mm height including cleaning the surface before treatment.</p> <p>b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs</p>				



Item Code	S/No	Description of Items	Unit	Quantity	RATE	AMOUNT
22.7.1		c) After two days of proper curing applying a second coat of cement slurry using 2.75kg/ sum of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3mm deep e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Engineer-in-Charge.				
22.4	14.5	Providing and Placing in position suitable PVC water stops conforming to IS:12200 for construction/ expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete.	sqm	31243	536.40	16758987.77
22.4.1	S. B. 1mm thick)	Serrated with central bulb ( 225mm wide, 8-	metre	636	386.75	245958.7676



5

Item Code	S/No	Description of Items	Unit	Quantity	RATE	AMOUNT
NDSR	14.6	Providing and Laying Roof Insulation 75 mm thick of CFC free Puf spray for U value of 0.261 w/m 20 c under water proofing treatment including all material, T&P & Labour compilite in all respect as per drawing and specification.	Sqpm	30759	425	13072672.16
<b>TOTAL</b>						
<b>BUILDING CIVIL WORKS</b>						



39



**ANNEXURE 8**  
**DRAWING VETED BY IIT ROORKEE AND NOC FROM FIRE**  
**DEPARTMENT**



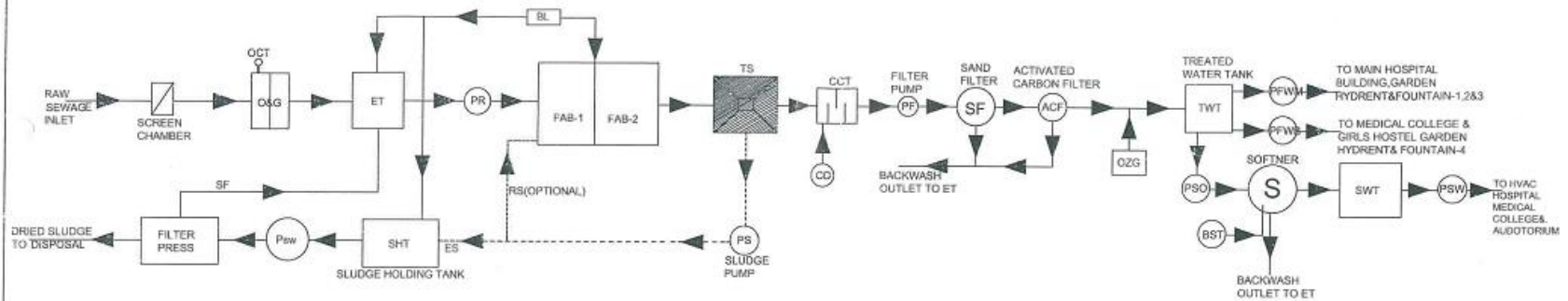
## ANNEXURE 9 PHOTOGRAPHS OF STP AND ETP





# FLOW DIAGRAM OF STP

## FLOW DIAGRAM OF 1200 KLD STP



LEGEND			
SC	BAR SCREEN CHAMBER	SWT	SOFT WATER TANK
O&G	OIL & GREASE TRAP CHAMBER	TWT	TREATED WATER TANK
ET	EQUALISATION TANK	PFWM	FILTER WATER TRANSFER PUMP(MAIN BUILDING)
PR	RAW PUMP	PFWB	FILTER WATER TRANSFER PUMP(BLOCK)
FAB	FLUIDIZED AEROBIC REACTOR	PSW	SOFT WATER TRANSFER PUMP
TS	TUBE SETTLER	RL	RETURN LINE TO CCT
CCT	CHLORINE CONTACT TANK	PPF	FILTER PRESS FEED PUMP
PF	FILTER PUMP	CD	CHLORINE DOSER
SF	SAND FILTER	RS	RETURN SLUDGE
ACF	ACTIVATED CARBON FILTER	ES	EXCESS SLUDGE
OZG	OZONATOR	BL	BLOWER
S	SOFTNER	ER	EQUIPMENT ROOM
BST	BRINE SOLUTION TANK	PSO	SOFTENER FEED PUMP
OCT	OIL COLLECTION TANK		
PS	SLUDGE PUMP		
SHT	SLUDGE HOLDING TANK		

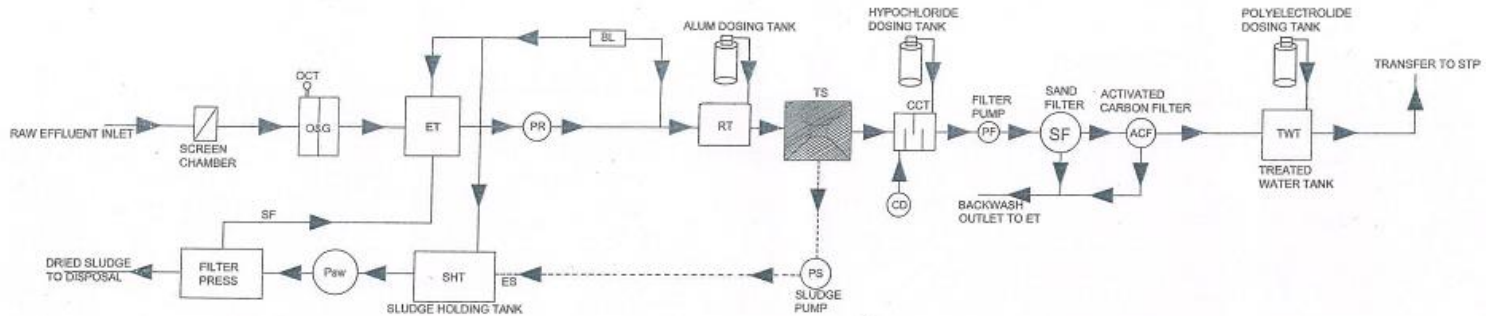
<b>B.L KASHYAP &amp; SONS LTD</b>			
<b>AIIMS PATNA BIHAR</b>			
PLOT NO:		LOCATION: PATNA BIHAR	
<b>TITLE: FLOW DIAGRAM OF 1200KLD STP</b>			
DRAWN BY	CHECKED BY	APPROVED BY	DATE
ZOBAIR			MARCH- 2020
			SCALE:- 1:150
			SHEET NO:-01

Superintending Engineer  
AIIMS-Patna  
Ministry of Health & Family Welfare  
Govt. of India



# FLOW DIAGRAM OF ETP

## FLOW DIAGRAM OF 100 KLD ETP



LEGEND	
SC	BAR SCREEN CHAMBER
O&G	OIL & GREASE TRAP CHAMBER
ET	EQUALISATION TANK
PR	RAW PUMP
TS	TUBE SETTLER
CCT	CHLORINE CONTACT TANK
PF	FILTER PUMP
SF	SAND FILTER
ACF	ACTIVATED CARBON FILTER
PS	SLUDGE PUMP
SHT	SLUDGE HOLDING TANK
PSW	SOFT WATER TRANSFER PUMP

B.L KASHYAP & SONS LTD			
AIIMS PATNA BIHAR			
PLOT NO:		LOCATION: PATNA BIHAR	
TITLE: FLOW DIAGRAM OF 100KLD ETP			
DRAWN BY	CHECKED BY	APPROVED BY	DATE
ZOBAIR			MARCH -2020
			SCALE:- 1:150
			SHEET NO:-01

Superintending Engineer  
AIIMS-Patna  
Ministry of Health & Family Welfare  
Govt. of India

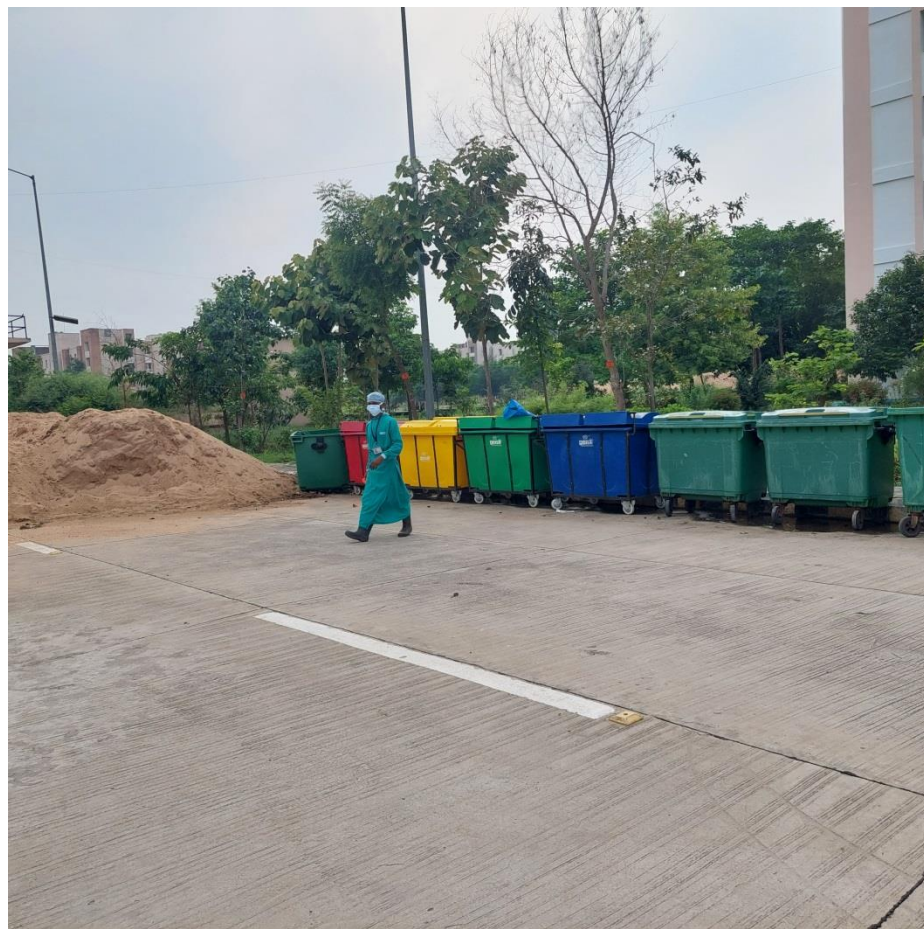




# ANNEXURE 10 PHOTOGRAPHS OF THE FACILITIES FOR THE MANAGEMENT OF SOLID WASTE AND BMW



# PHOTOGRAPHS OF THE FACILITIES FOR THE MANAGEMENT OF SOLID WASTE AND BMW



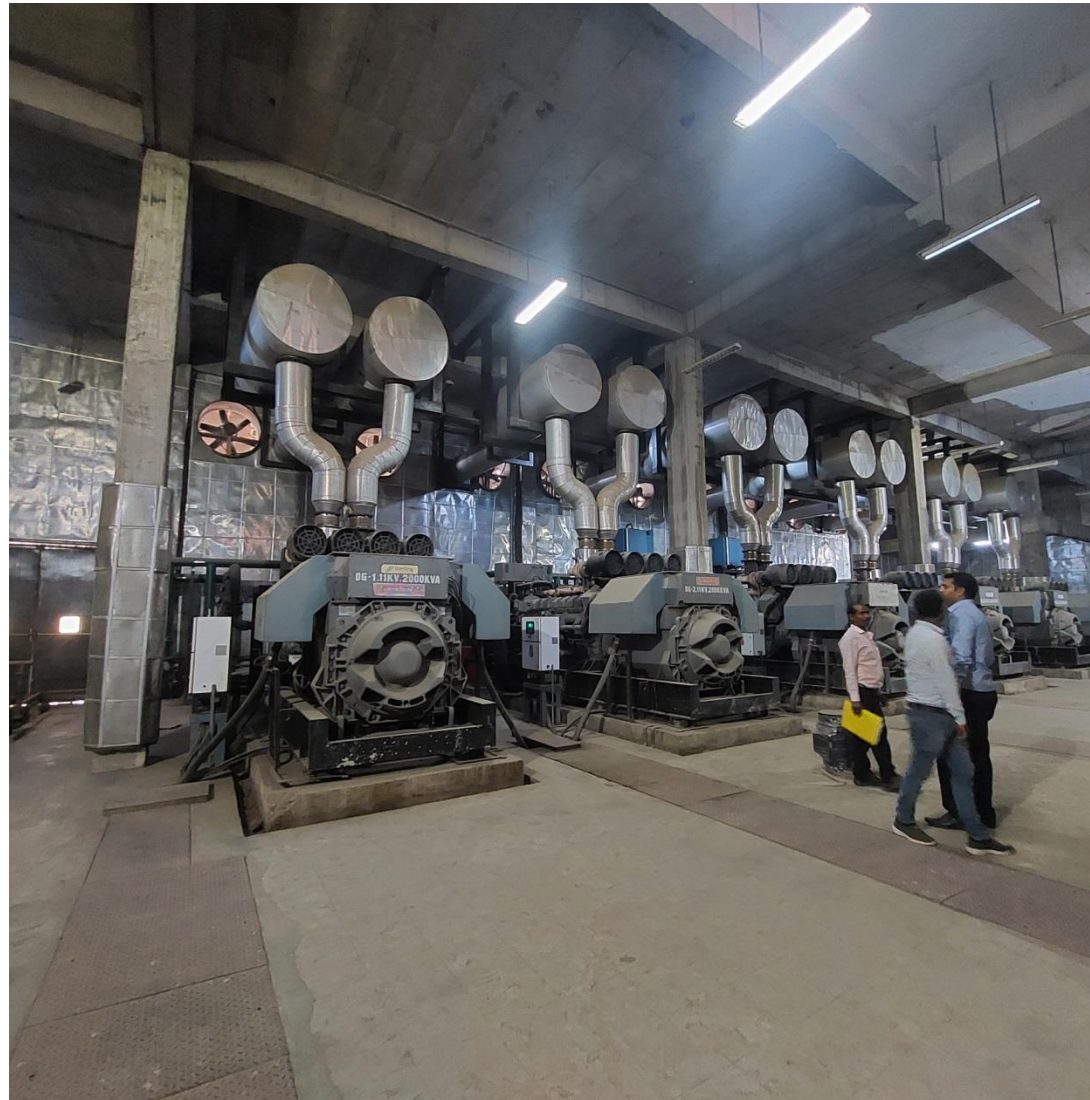


# PHOTOGRAPHS OF THE FACILITIES FOR THE MANAGEMENT OF SOLID WASTE AND BMW





# ANNEXURE 11 PHOTOGRAPHS OF DG SETS







# PHOTOGRAPHS OF DG SETS



# ANNEXURE 12 HSD Bill


4376/2022/ENGG

HINDUSTAN PETROLEUM CORPORATION LIMITED (A GOVERNMENT OF INDIA ENTERPRISE) REGISTERED OFFICE : 17, JAMSHEDJI TATA ROAD, MUMBAI-400 020 JAMSHEDPUR REGIONAL OFFICE : BURMAMINES-STATION ROAD, TATA NAGAR CIN No: L23201MH1952GO1008858					PROFORMA INVOICE						
AIIMS PATNA MEDICAL COLLEGE BUILDING ACCOUNT SECTION, NH31 PHULWARISHARIF, PATNA BIHAR - 801507					Location Name	BIHTA IRD	Location	11723	Proforma Invoice No.		RDS/AS/AIIMS/01
					Shipped To					AIIMS-PATNA ON DELIVERED BASIS	
TT Code	Inv. Class	Via Code	Customer Number		Order No.						
	I	001	13175020								
S.Tax Code	Product Name	Brand Pkg.-F Code	Case Code	Ctns.	Pkg. Size	Pkgs./Pcs	Volume	Rate	Per	Spl. Item Code	Amount (In Rupees)
1	HSD - BS VI	2812000			BULK		24 KL	78626.71	KL		1887041.04
	VALUE ADDED TAX							19.00%			358537.80
	Turnover for TCS										2245578.84
	TCS recovery u/s 206C (1H)							0.00%			0.00
PAYMENT BY RTGS IN ADVANCE					<b>Bank Details</b> Account No 301813175020 Beneficiary Name HPCL Direct Sales SBU E-Collections Bank Name HDFC Bank Bank Branch Name Sandoz Branch, Mumbai IFSC Code HDFC0000240					<b>TOTAL</b> 2245578.84 AUTHORISED SIGNATURE  अभिजीत सौरभ / ABHIJEET SAURABH सहायक विक्री प्रबन्धक-आई एंड सी Assistant Sales Manager- I & C हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड, पटना HINDUSTAN PETROLEUM CORPORATION LIMITED, PATNA	
<b>NOTE</b> 1 Price applicable will be that prevailing on the date of delivery 2 MOD : On delivered basis.											

**Paid & Cancelled**



# HSD Bill

HINDUSTAN PETROLEUM CORPORATION LIMITED (A GOVERNMENT OF INDIA ENTERPRISE) REGISTERED OFFICE : 17, JAMSHEDJI TATA ROAD, MUMBAI-400 020 RANCHI REGIONAL OFFICE : 5TH FLOOR, MARU TOWER, KANKE ROAD CIN No: L23201MH1952GOJ008R58						PROFORMA INVOICE					
AIIMS PATNA MEDICAL COLLEGE BUILDING ACCOUNT SECTION, NH31 PHULWARISHARIF, PATNA BIHAR - 801507						Location Name	DIHTA IRD	Location	11723	Proforma Invoice No RDS/AS/AIIMS/05	
						Shipped To		AIIMS-PATNA ON DELIVERED BASIS		Dated 18-11-2022	
TT Code	Inv. Class I	Via Code 001	Customer Number 13175020			Order No					
S. Tax Code	Product Name	Brand Pkg.-F Code	Case Code	Ctns.	Pkg. Size	Pkgs /Pcs	Volume	Rate	Per	Spl. Item Code	Amount (In Rupees)
1	HSD - BS VI	2812000			BULK		24 KL	101995.00	KL		2447880.00
	VALUE ADDED TAX							16.37%			400717.96
	Turnover for TCS										2849597.96
	TCS recovery u/s 206C (1H)							0.00%			0.00
	Earlier Available Balance										(-) 497,645.84
PAYMENT BY RTGS IN ADVANCE						Bank Details				TOTAL	2,350,952.12
NOTE 1 Price applicable will be that prevailing on the date of delivery 2 MOD : On delivered basis.						Account No	301813175020			AUTHORISED SIGNATURE  अभिजीत सौरभ / ABHIJEET SAURABH सहायक बिक्री प्रबन्धक—आई एंड सी Assistant Sales Manager- I & C हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड, पटना HINDUSTAN PETROLEUM CORPORATION LIMITED, PATNA	
						Beneficiary Name	HPCL Direct Sales SBU E-Collections				
						Bank Name	HDFC Bank				
						Bank Branch Name	Sandoz Branch, Mumbai				
						IFSC Code	HDFC0000240				

23/11/22  
4E CB

# ANNEXURE 13 PHOTOGRAPHS OF PARKING FACILITY





# ANNEXURE 14 PHOTOGRAPHS OF LED AND SOLAR PANELS





# ANNEXURE 15 GOOGLE IMAGE OF THE SITE SHOWING ADEQUATE DISTANCE IS KEPT BETWEEN BUILDINGS





# ANNEXURE 16 BARICADING OF PROJECT SITE





# ANNEXURE 17 DRINKING WATER AND TOILETS



# ANNEXURE 18 FIRE FIGHTING





# ANNEXURE 19 PAVED INTERNAL ROADS





# ANNEXURE 20 SITE PICS





