

# COMPLIANCE REPORT

(MoEF & CC File No. J-11011/166/2016-IA II (I) dated 31/07/2017)

For the period

APRIL, 2021 TO SEPTEMBER, 2021

Submitted

TO

MoEF & CC, Regional Office (ECZ), Lucknow

AMMONIA UREA FERTILIZER PLANT

(2200MTPD Ammonia & 3850MTPD Urea)

GORAKHPUR

OCTOBER, 2021



हिंदुस्तान उर्वरक एवं रसायन लिमिटेड  
HINDUSTAN URVARAK & RASAYAN LTD.  
(A joint Venture of NTPC, CIL, IOCL, FCIL & HFCL)



# हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर HINDUSTAN URVARAK & RASAYAN LTD., GORAKHPUR

(A Joint Venture of NTPC, CIL, IOCL, FCIL & HFCL)

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Ref. No.: HURL/GKP/21-22/ 09

Date: 30/11/2021

To,

Dr. Satya

Scientist E

Regional Officer (RO)

(Central Zone CZ)

Kendriya Bhavan, 5<sup>th</sup> Floor

Sector-H, Aliganj, Lucknow-226020 (U.P.)

**Subject: Ammonia (2200 MTPD) Urea (3850 MTPD) Fertilizer Project at Gorakhpur, Uttar Pradesh of M/s Hindustan Urvarak & Rasayan Limited (HURL)-Compliance Report for April 2020 to September 2021.**

Ref:(i) MoEF&CC, Environmental Clearance Letter No. J-11011/166/2016-IA II (I) dated 31.07.2017.

Dear Sir,

With reference to the subject as mentioned above, please find attached herewith the compliance report for the period April, 2021 to September, 2021.

Yours faithfully

(Sanjai Kumar Gupta)

Vice President -Technical

Hindustan Urvarak & Rasayan Ltd. (HURL)

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## COMPLIANCE OF EC CONDITIONS FOR THE PERIOD April, 2021 to September, 2021

Sl. No.	EC Conditions	Compliance status
<b>(A) SPECIFIC CONDITIONS</b>		
1	Emissions-limits for the pollutants from the Diesel Generator Sets and the stack height shall be in conformity with the extant statutory regulations and/or the CPCB guidelines in this regard.	The electricity is being supplied by UPPCL (Uttar Pradesh Power Corporation Limited) in the Ammonia-Urea Fertilizer Project at HURL Gorakhpur.  The statutory emission norms shall be met by using New Generation DG sets. EDG is commissioned & used during emergency only. In normal operation EDG will remain in stopped condition. The AAQ analysis is attached for ready reference in <b>Annexure 1</b> .
2	To control source emissions, scrubber and/or other suitable pollution control device shall be installed to meet the prescribed Particulate Matter emission norms of 50 mg/Nm <sup>3</sup> , and also the NATIONAL AMBIENT AIR QUALITY STANDARDS.	The project is under construction/ Commissioning phase and the design includes the control methods for particulate matter emissions which are addressed in the detailed project report. During operation phase of the plant the NAAQS will be complied.
3	Fresh water requirement shall not exceed 5.36 cum/ton of Urea production. Fresh water for plant operation shall be sourced only from Chilwa Tal.	We have made an agreement with the Nagar Nigam of Gorakhpur for consumption of water from the Chilwa Tal for process utility. Fresh water Consumption shall be within limit. <b>Annexure 2</b>
4	Plantation shall be carried out around the Chilwa Tal.	Digging work and Land filling and levelling work around Chilwa Tal is under progress and expected Date of Completion of this work is March'22. This is important for development of good routing conditions for the planting, including a sufficient volume of routable soil is required. After that plantation shall be carried out in consultation with the district forest department by selecting the local Plant species which flourish in the area's climate & supports maximum bio-diversity in the environment.
5	As already committed by the project proponent, no waste/treated water shall be discharged outside to ensure ZLD. Water consumption shall	The Project is based on ZLD concept adopting 3R's and no waste/treated water shall be discharged outside the Plant.

	be reduced by adopting 3 R's (Reduce, Reuse & Recycle) concept in the process.	
6	Industry shall develop Greenbelt with 10m width along the plant periphery with three layers of perennial native plant species. 33% of the total project cover area i.e. nearly 130 acres out of 350 acres of area of the Project, shall be developed as green area with plantation of native perennial trees.	<p>PO for the plantation of 5000 trees is raised to the District Forest Department and Rs. 27,35,000/- is paid for execution of the same. We are following up with the DFO for completion of the work. <b>Annexure 3 and Annexure 4</b> gives the details of the PO and the amount paid.</p> <p>Land Development has started in the identified areas and soil work is being done by the Forest Department.</p> <ol style="list-style-type: none"> <li>1) Plantation work of native perennial trees &amp; soil work is in progress during phase-1 of plantation along the eastern &amp; northern plant boundary for approximately 5000 trees. Soil preparation and levelling done</li> <li>2) Digging activity completed near about 5000 holes made by Department.</li> <li>3) Installation of Concrete Pole and wire fencing is under progress.</li> </ol> <p>(Expected Date of Completion-Dec'21)</p>
7	A plan shall be prepared and implemented for the conservation of Chilwa Tal giving special emphasis on protection of conservation of its natural recharge channels	Water from Chilwa Tal will be the only source of fresh water used during operation of the Plant. <b>Annexure 5 and Annexure 6.</b>
8	All the commitments made during Public Hearing/Public Consultation meeting held on 24 <sup>th</sup> April, 2017 shall be satisfactorily implemented and adequate budget provision should be made accordingly.	All the commitments made during Public Hearing/Public Consultation meeting held on 24 <sup>th</sup> April, 2017 are under progress. The budget for the same are allocated according to the requirement. Few of the works undertaken are attached in the <b>Annexure 7</b> for reference. Land allotment from district administration is awaited.
9	At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical	ESC program is being carried out and adequate budget will be provided from the Project in phase-wise. Detailed status along with budget spent will be sent to the

<p>breakup/details shall be prepared and submitted to the Ministry's Regional Office at Lucknow. Implementation of such program shall be ensured accordingly in a time bound manner within 5 years. The ECS plan will include following activities:</p> <ul style="list-style-type: none"> <li>a) Up-gradation of existing school with modern education facilities</li> <li>b) Planting of 5000 trees per year in 5 year in nearby villages in consultation with the local / forest dept. Survival rate of the plants shall be reported to RO, MoEF&amp;CC in 6 monthly compliance report. Conservation plant for shall be continue with.</li> <li>c) Safe drinking water facility with RO plant in villages located within 3 Km radius of the plant with maintenance cost.</li> </ul>	<p>Ministry's regional office once the plant becomes operational. Following activities are in progress:</p> <p>1- 12 schools had been identified to place purified drinking water facility for ensuring availability of clean drinking water. Physical survey regarding availability of boring, electricity and place of installation is physically verified of all the 12 schools according to the list provided by education department (BSA). Tendering work is in process. (Expected Date of Completion-Dec'21). Approx. Amount-41 Lakhs Approved by Board</p> <p>2-Proposal for village plantation has been agreed in principal and details are being finalized for plantation in nearby villages. Proposal is under approval. Approx. Amount-1.5 Crores</p> <p>3- Sonvarsa is selected as one of the five Village as to be developed as a Model village. MoU is signed between HURL and Gorakhpur Development Authority (GDA). Tendering process completed. Tata Consultancy Services is selected as PMC. LOA is awaited (Expected Date of completion-Septembe'22). Approx. amount-12.3 Crores</p> <p>4-Mini PICU (Paediatric Intensive Care Unit) will be arranged for 17 CHC (community Health Centres) in anticipation of required medical facilities for COVID third wave. MoU is signed between HURL and Gorakhpur Development Authority (GDA). Tendering work is in process. (Expected Date of Completion-March'22) Approx. Amount-24 Crores</p> <p>5- Ramgarh Taal face lifting project has been approved by HURL Board and subsequently, MoU is signed between HURL and Gorakhpur Development Authority (GDA). Tendering</p>
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		process completed. Tata Consultancy Services is selected as PMC.LOA is awaited (Expected Date of Completion-March'22) Approx. Amount-3.50 Crores
10	A regular environment manager having post graduate qualification in environmental sciences/environmental engineering to be appointed for looking after the environmental management activities of the proposed plant.	The EC conditions relating to establishment of Environmental Cell will be complied during operation of the Plant. A regular environment manager having post graduate qualification in environmental engineering has been appointed to look after the activities of the proposed plant
11	Continuous online (24 X 7) monitoring system for emissions and effluent generation shall be installed for flow/discharge measurement and the pollutants concentration within the plant. Data shall be uploaded on company's website and provided to the respective RO of MoEF& CC, CPCB and SPCB.	The project is under progress and the installation of the continuous monitoring system is being done according to the CPCB guidelines. (Expected Date of Completion-January'22) Until the installation, weekly twice monitoring is being done. <b>Annexure 8</b>
12	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms. The ammonia storage shall be limited to 2 days.	This has been addressed in the Detailed Project Report and RRA conducted for the Project and recommendation shall be complied with in the Plant during operation.
13	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular health check-up/monitoring of the construction labourers is being done and records are being maintained for the same. We have also started with covid-19 related safety & health measures by adopting sanitization; thermal scanning guidelines for workers, compulsory PPE like face masks etc. All the construction workers are ensured to be equipped with PPEs such as helmets, hand gloves, boots etc. before entering into construction site. The same shall continue during plant operation phase.
14	Storage of hazardous raw material shall not exceed more than 7 days.	The raw material required for construction activities are being stored in the designated place isolated from the construction area.

		The storage of raw materials has been addressed in the Detailed Project Report and EIA report of the Project and shall be complied within the plant during operation. Authorization obtained from UPPCB on dated 09/09/2021, for hazardous waste under Hazardous Waste Management Rules. Ref No 14826/UPPCB/Gorakhpur/(UPPCBRO)/HWM/GORAKHPUR/2021
15	Urea dust shall be controlled by prescribed standard technique.	This has been addressed in the Detailed Project Report and EMP of the Project and shall be complied within the plant during operation.
<b>B</b>	<b>GENERAL CONDITIONS</b>	
i)	The Project authorities shall strictly adhere to the stipulations made by the State Pollution Control Board (SPCB), State Government and any other statutory authority.	HURL shall strictly comply with the conditions laid by UPPCB, UP State Government and any other statutory authority during construction and operation phase of the plant.
ii)	No further expansion or modifications in the Plant shall be carried out without prior approval of the MoEF&CC. In case of deviations or alterations in the project proposal from those submitted to MoEF&CC for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	This condition will be complied with as stated.
iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as. Where maximum ground level concentrations are anticipated.	The locations of ambient air quality monitoring have been decided in consultation with the UP-State Pollution Control Board (UPPCB) and HURL officials for monitoring of Air Quality during construction phase. 6Nos. of AAQMS have been installed in the project area out of which two stations are selected in up-wind and two stations are selected in down-wind directions.
iv)	The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated is November, 2009 shall be followed.	All efforts are being made to contain the fugitive dust emission within the standard



		limits at construction site. This will also be complied with during operation phase.
v)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	All efforts are being made to contain the noise levels within the standard limits at construction site round the clock. All construction equipment's deployed at site are ensured to have acoustic hoods and silencers/enclosures on sources of noise generation. The construction workers at site are equipped with ear muffs.  This condition will also be complied with during operation phase of the plant.
vi)	The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	This condition will be complied with as given in <b>Annexure 9</b> while designing the buildings.
vii)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	This condition will be complied with during operation phase of the plant.
viii)	The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, risk mitigation measures and public hearing be implemented.	This condition will be complied in totality as stated.
ix)	The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.	Once the plant becomes operational and profit making, CSR activities will be undertaken by involving local villages and administration as per the extant guidelines.
x)	The company shall undertake all eco-developmental measures including community	This will be undertaken by involving local villages and administration as per rules and Government guidelines.

	welfare measures for overall improvement of the environment.	
xi)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.	A separate Environmental Management Cell equipped with full-fledged laboratory facilities will be set up to carry out the Environmental Management and Monitoring functions when the Unit comes into operation.
xii)	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management, pollution control measures shall not be diverted for any other purpose. (xiii) A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions, representations, if any, were received while processing the proposal.	This stated condition will be complied by HURL.
xiii)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parishad /Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions, representations, if any, were received while processing the proposal.	A copy of the clearance letter along with the amendment letter shall be sent to the local Panchayat and Gorakhpur Municipal Corporation Apart from this, the copy of Environment Clearance letter issued by MoEF&CC have been uploaded to company website <a href="http://www.hurl.net.in">www.hurl.net.in</a> and also advertised in the local editions of English and Hindi newspapers for reference of everyone.
xiv)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by mail) to the respective Regional Office of MoEF& CC, the respective Zonal Office of Environmental	Presently in construction phase, monitoring function of specified parameters are being done by MoEF&CC recognized & NABL accredited environmental laboratory at Projects and Development India Ltd (PDIL), Noida.

	Clearance and six-monthly compliance status reports shall be posted on the website of the company.	
xv)	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form-V as is mandated shall be submitted 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF& CC by-mail.	The Environment Statement for the financial year ending 31 <sup>st</sup> March ,2021 in From-V will be submitted on time. Copy of the latest Environmental Statement is attached in <b>Annexure 10</b> for reference.
xvi)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/Committee and may also be seen at Website of the Ministry at <a href="http://moef.nic.in">http://moef.nic.in</a> . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.	Environment Clearance granted by Ministry vide MoEF& CC letter no J-11011/166/2016-IA II(I) DATED 31/07/2017 has already been updated on Company website <a href="http://www.hurl.net.in">www.hurl.net.in</a> . The same was also advertised on 16.09.2017 on page.13 in Hindustan in (Hindi) and page 09 in Hindustan Times in (English) published from Gorakhpur, UP and submitted herewith as <b>Annexure 11</b> along with the Compliance Report.
xvii)	The project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	This shall be complied with and requisite information will be furnished. Date of start of project :27 Feb 2018

# Annexure-1 Noise, Air, and Water Quality Analysis Report April, 2021 to September, 2021

Compliance of EC conditions for the period April 2021- September 2021 for proposed Ammonia-Urea (2200MTPD & 3850 MTPD) plants of HURL at Gorakhpur

Annexure- I

This Compliance Report is the fulfillments of the condition of the Environmental Clearance (EC) vide File No. EC [J – 11011/166/2016- IA II (I)] for the period of April 2021 to September 2021. This report has been prepared by Projects and Development India Limited (PDIL) by collecting respective samples in consultation with the State Pollution Control Board (SPCB) officials and Hindustan Urvarak and Rasayan Limited (HURL) officials. During the above mentioned period the analysis of the environmental parameters has been conducted by the CPCB recognized Laboratory located at PDIL Noida under the strict supervision of Government Analyst.

The proposed project is located at Gorakhpur with the capacity of 2200MTPD Ammonia and 3850MTPD Urea in the District Gorakhpur in the state of Uttar Pradesh. The area falls in the agricultural belt of the Uttar Pradesh.

The compliance report fulfills the 15 Nos. of Specific Conditions and 17 Nos. of General Conditions led by Ministry of Environment, Forests and Climate Change. Rainwater Harvesting and Ground Water charging has been proposed as per Standard Guidelines:

- Guidelines on Artificial Recharge of Water, Central Water Ground Board, Ministry of Water Resources, GoI (2000)
- Manual on Artificial Recharge of Ground Water, Central Water Ground Board, Ministry of Water Resources, GoI (2007)
- Rain Water Harvesting and Conservation: Manual, Consultancy Services Organization, CPWD, GoI (2002)

The green belt proposed by MoEF&CC is under review for selection of suitable plant species in consultation with local experts of the area.

The Environmental Monitoring report of 6 months w.r.t Air, Water and Noise have been presented separately with the average values. The environmental conditions and the compliance have been found normal as per the Standards. The Air Quality results have been presented through a self explanatory table with the NAAQ Standards w.r.t the parameter PM<sub>10</sub>, PM<sub>2.5</sub>, NO<sub>x</sub>, SO<sub>2</sub>, CO, NH<sub>3</sub>, MHC, NMHC & VOC. Three sets each of Ground Water Samples and Surface Water Samples have been collected, analyzed in a self explanatory table and compared with Drinking Water Standards (IS:10500:2012). The analysis consists of eight nos. of physical parameters, thirteen nos. of chemical parameters, nine nos. of Heavy metals and three nos. of miscellaneous parameters. Noise Quality has also been measured at six different locations in the periphery of the project area. The results have been presented through self explanatory table consisting of the Standard NAAQS w.r.t. noise.

The above report with respect to Air, Water and Noise represents the average values of different sampling stations collected at different time during the study period of April 2021 to September 2021.

# HURL Gorakhpur Air Quality Data April, 2021 to September, 2021

ANNEXURE - I

HURL GORAKHPUR, AIR QUALITY DATA - (April 2021 to September 2021)								
MONTH	Parameters	VAAQS Standards	HURL Plant (SA1)	HURL Admin Building (SA2)	HURL residence Quarter B-9 (SA3)	HURL residence Quarter E-13 (SA4)	Kamaha Village (SA5)	Bargaowa Village (SA6)
APR-21	PM10	100	100.4	96.3	94.1	92.9	91.2	100.6
	PM2.5	60	51.2	56.8	49.7	52.2	50.3	57.0
	SO2	80	12.5	12.7	13.3	12.8	13.0	14.0
	NOX	80	29.5	23.5	22.2	23.2	23.5	24.5
	CO	02	1.74	1.57	1.47	1.42	1.62	1.68
	NH3	400	BDL	BDL	BDL	BDL	BDL	BDL
	NMHC	-	3.76	3.50	2.77	2.49	2.63	5.02
	MHC	-	3.32	3.54	2.51	2.41	2.56	4.75
	VOC	-	4.38	4.21	4.48	4.62	3.52	5.41
	MAY-21	PM10	100	96.4	92.3	90.1	88.9	87.3
PM2.5		60	58.6	54.7	47.7	50.2	48.3	54.6
SO2		80	11.9	12.2	12.5	12.3	12.5	13.4
NOX		80	28.3	22.5	21.2	22.2	22.5	23.5
CO		02	1.67	1.51	1.41	1.36	1.56	1.61
NH3		400	BDL	BDL	BDL	BDL	BDL	BDL
NMHC		-	3.60	3.35	2.65	2.38	2.52	4.31
MHC		-	3.66	3.40	2.40	2.31	2.45	4.55
VOC		-	4.20	4.03	4.29	4.43	3.37	5.18
JUN-21		PM10	100	94.4	90.4	87.4	86.9	85.4
	PM2.5	60	56.4	53.9	46.4	49.0	47.3	53.6
	SO2	80	11.7	12.0	12.3	11.8	12.0	13.0
	NOX	80	28.5	22.1	20.7	21.5	21.6	22.9
	CO	02	1.64	1.46	1.37	1.31	1.53	1.57
	NH3	400	BDL	BDL	BDL	BDL	BDL	BDL
	NMHC	-	3.28	3.29	2.61	2.32	2.48	4.73
	MHC	-	3.32	3.34	2.33	2.30	2.39	4.26
	VOC	-	4.05	3.95	4.14	4.32	3.31	5.02
	JUL-21	PM10	100	53.1	51.8	50.1	48.9	48.7
PM2.5		60	26.3	27.1	23.6	25.0	24.9	27.0
SO2		80	15.0	17.0	16.6	15.5	16.4	17.6
NOX		80	18.5	19.8	18.9	19.7	19.6	22.3
CO		02	0.82	0.89	1.00	0.80	0.90	1.27
NH3		400	BDL	BDL	BDL	BDL	BDL	BDL
NMHC		-	2.61	2.03	1.82	1.43	1.60	2.98
MHC		-	2.49	2.08	1.56	1.45	1.63	3.00
VOC		-	2.62	2.47	2.61	2.69	2.23	2.90
AUG-21		PM10	100	18.8	16.7	14.8	13.8	13.3
	PM2.5	60	17.0	13.6	13.1	12.1	12.1	16.2
	SO2	80	14.7	12.7	11.5	10.9	10.9	14.0
	NOX	80	13.5	11.7	10.7	10.5	10.4	12.9
	CO	02	0.90	0.93	0.95	0.91	0.95	0.85
	NH3	400	BDL	BDL	BDL	BDL	BDL	BDL
	NMHC	-	1.57	1.23	0.96	0.91	0.87	1.50
	MHC	-	1.54	1.20	0.94	0.89	0.85	1.46
	VOC	-						

पर्यावरण प्रयोगशाला  
 प्रोजेक्ट्स एंड डेवलपमेंट इंडिया लिमिटेड  
 भारत सरकार का उपक्रम  
 मिनी स्ला-1 कंपनी  
 पी.टी.आर्.एल. भवन, ए-14, सेक्टर-1  
 नोएडा-201301, (उ.प्र.)

अक्षय

# HURL Gorakhpur Noise Quality Data April, 2021 to September, 2021

## ANNEXURE 1

	VOC	-	1.54	1.20	0.94	0.89	0.85	1.47
SEPT-21	PM10	100	27.0	26.5	25.8	25.3	24.8	26.6
	PM2.5	60	22.8	22.1	21.8	21.3	20.9	22.3
	SO2	80	19.5	19.1	18.7	18.3	17.9	19.3
	NOX	80	18.1	17.7	17.3	17.0	16.7	17.9
	CO	02	1.07	1.05	1.03	1.01	0.99	1.06
	NH3	400	BDL	BDL	BDL	BDL	BDL	BDL
	NMHC	-	2.25	2.20	2.16	2.11	2.07	2.22
	MHC	-	2.47	2.42	2.37	2.33	2.28	2.45
	VOC	-	2.14	2.10	2.06	2.02	1.98	2.12
	PM10	100	65.0	62.3	60.4	59.4	58.4	65.0
	PM2.5	60	40.4	38.0	33.7	35.0	34.0	38.4
	SO2	80	14.2	14.3	14.1	13.6	13.8	15.2
	NOX	80	22.7	19.5	18.5	19.0	19.0	20.7
AVERAGE	CO	02	1.31	1.23	1.20	1.13	1.24	1.40
	NH3	400	BDL	BDL	BDL	BDL	BDL	BDL
	NMHC	-	2.84	2.60	2.16	1.94	2.03	3.54
	MHC	-	2.88	2.67	2.02	1.95	2.03	3.41
	VOC	-	3.16	2.99	3.09	3.16	2.54	3.68

NOTE: BDL = Below Detection Limit  
 ( $\mu\text{g}/\text{m}^3$ ) = PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>x</sub>, NH<sub>3</sub>  
 (ppm) = NMHC, MHC, ( $\text{mg}/\text{m}^3$ ) = CO, VOC

HURL GORAKHPUR, NOISE QUALITY DATA - (APRIL 21 - SEPT 21)								
MON	Parameters	Prescribed Limits in db(A) as per NAAGS Ind / Res Area	HURL Plant (SA1)	HURL Admin Building (SA2)	HURL residence Quarter B-9 (SA3)	HURL residence Quarter E-13 (SA4)	Kamaha Village (SA5)	Bargadwa Village (SA6)
APR-21	24hrs AvgLeq Value db(A)	-	58.4	57.8	54.9	53	54	55.3
	Daytime AvgLeq Value db(A)	75/55/65	59.8	59.2	56.1	54.2	55.1	56.5
	Nighttime AvgLeq Value db(A)	70/45/55	52.8	52.1	50.3	48.8	49.8	50.7
MAY-21	24hrs AvgLeq Value db(A)	-	58.3	57.7	52.4	50.7	51.6	55.2
	Daytime AvgLeq Value db(A)	75/55/65	59.6	59.1	53.6	51.8	52.7	56.4
	Nighttime AvgLeq Value db(A)	70/45/55	52.7	52	48.1	46.6	47.6	50.6
JUN-21	24hrs AvgLeq Value db(A)	-	58.2	57.6	50.2	48.5	49.4	55.1
	Daytime AvgLeq Value db(A)	75/55/65	59.5	59	51.3	49.7	50.5	56.3
	Nighttime AvgLeq Value db(A)	70/45/55	52.6	51.9	46.1	44.7	45.6	50.5
JUL-21	24hrs AvgLeq Value db(A)	-	58.1	57.5	48	46.5	47.3	55
	Daytime AvgLeq Value db(A)	75/55/65	59.4	58.9	49.1	47.6	48.3	56.2
	Nighttime AvgLeq Value db(A)	70/45/55	52.5	51.8	44.2	42.8	43.7	50.4
AUG-21	24hrs AvgLeq Value db(A)	-	52.1	51.5	44.9	43.9	44.2	49.3
	Daytime AvgLeq Value db(A)	75/55/65	53.3	52.8	46	44.5	45.3	50.5
	Nighttime AvgLeq Value db(A)	70/45/55	47.2	46.5	41.3	40.1	40.9	45.3
SEPT-21	24hrs AvgLeq Value db(A)	-	51	50.5	44	42.6	43.4	48.3
	Daytime AvgLeq Value db(A)	75/55/65	52.3	51.7	45.1	43.7	44.4	49.4
	Nighttime AvgLeq Value db(A)	70/45/55	46.2	45.6	40.5	39.3	40.1	44.4
	Average	-	56.0	55.4	49.1	47.5	48.3	53.0

पर्यावरण प्रदूषण नियंत्रण बोर्ड  
 प्रोजेक्ट्स एंड डेवलपमेंट सेक्टर  
 (भारत सरकार का उपक्रम)  
 मिनी स्टाफ कॉम्प्लेक्स  
 पी.टी.ओ.स्ट. भवन, ए-16, सेक्टर-1  
 गौरी-201301 (उ.प्र.) इलाहाबाद

APM 2

# HURL Gorakhpur Ground Water Quality Data April, 2021 to September, 2021

ANNEXURE - I

Drilling Angle Value (D/A)	75/55/65	57.3	56.8	50.2	48.6	49.4	54.2
N/A	70/45/55	50.7	50.0	45.1	43.7	44.6	48.7

## HURL, GORAKHPUR, GROUND WATER QUALITY DATA- 2021-22

### AVERAGE RESULTS (APRIL 21 TO SEPTEMBER 21)

(Results are expressed in mg/l, unless otherwise stated)

Sl. No	Parameters	Average Analysis Results			Requirement (Acceptable) / Permissible Limits (IS-10500:2012)
		Hand Pump Adm. Bldg. (Project Site) (GW1)	Hand Pump Quarter No B-8 (GW2)	Hand Pump Bargadwan (GW3)	
<b>PHYSICAL</b>					
1	pH	7.3	7.4	7.4	6.5-8.5
2	Temperature (°C)	27.4	27.5	27.4	-
3	Colour, HU	<5	<5	<5	5/15
4	Odour	Agreeable	Agreeable	Agreeable	Agreeable
5	Taste	Agreeable	Agreeable	Agreeable	Agreeable
6	Turbidity (NTU)	<5	<5	<5	1/5
7	Total Suspended Solid	31.0	32.7	32.7	-
8	Total Dissolved Solids	335.0	366.3	372.3	500/2000
<b>CHEMICAL</b>					
1	P- Alkalinity as CaCO <sub>3</sub>	NIL	NIL	NIL	-
2	Total Alkalinity as CaCO <sub>3</sub>	184.0	195.0	186.3	200/600
3	Chloride as Cl	38.7	51.3	52.0	250/1000
4	Sulphate as SO <sub>4</sub>	49.0	45.7	52.3	200/400
5	Nitrate as NO <sub>3</sub>	4.8	4.5	4.3	45/NR
6	Fluoride as F	<0.4	<0.4	<0.4	1.0/1.5
7	Total Hardness as CaCO <sub>3</sub>	240.0	234.3	220.7	200/600
8	Ca. Hardness as CaCO <sub>3</sub>	149.3	140.7	160.7	75/200*
9	Mg. Hardness as CaCO <sub>3</sub>	90.7	95.3	60.0	30/100**
10	Sodium as Na	24.2	34.2	44.3	-
11	Potassium as K	3.3	4.3	6.0	-
12	Silica as SiO <sub>2</sub>	11.7	12.3	11.3	-
13	Iron as Fe	0.37	0.21	0.21	0.3/NR

पर्यावरण प्रयोगशाला  
 प्रोजेक्ट्स एंड डेवलपमेंट इंडिया  
 (भारत सरकार का उपकरण)  
 मिनी रसायनशाला  
 पी.डी.आई.एल. भवन, ए-14, सेक्टर-1  
 गोरख-201301 (उ.प्र.), इल

# HURL Gorakhpur Surface Water Quality Data April, 2021 to September, 2021

ANNEXURE - I

HEAVY METALS					
1	Manganese as Mn	<0.05	<0.05	<0.05	0.1/0.3
2	Total Chromium as Cr	<0.01	<0.01	<0.01	0.05/NR
3	Lead as Pb	<0.01	<0.01	<0.01	0.01/NR
4	Zinc as Zn	0.87	0.78	0.74	5.0/15
5	Cadmium as Cd	<0.01	<0.01	<0.01	0.003/NR
6	Copper as Cu	<0.01	<0.01	<0.01	0.05/1.5
7	Nickel as Ni	<0.01	<0.01	<0.01	0.02/NR
8	Arsenic as As	<0.01	<0.01	<0.01	0.01
9	Selenium as Se	<0.01	<0.01	<0.01	0.01/NR
OTHERS					
1	Oil & Grease	<0.01	<0.01	<0.01	0.01/0.03
2	Ph. Compound as C <sub>6</sub> H <sub>5</sub> OH	<0.001	<0.01	<0.01	0.001/0.002
3	Coliform (MPN/100ml)	<50	<50	<50	-

## HURL, GORAKHPUR, SURFACE WATER QUALITY DATA- 2021-22

### AVERAGE RESULTS (APRIL 21 TO SEPTEMBER 21)

(Results are expressed in mg/l, unless otherwise stated)

Sl. No.	Parameters	Rohini River SW1	Dismantled Pump House ChilwaTaal, SW2	Near New Bridge ChilwaTaal SW3	Requirement (Acceptable) / Permissible Limits(IS:10500:2012)
PHYSICAL					
1	Temperature (°C)	27.8	27.7	27.7	-
2	Colour HU	15	16	16	5/25
3	Turbidity (NTU)	14	15	13	1/5
4	pH	7.4	7.3	7.4	6.5-8.5
5	Total Dissolved Solids	335	340	346	500/2000
6	Suspended Solids	39	39	41	
CHEMICAL					
1	Total Alkalinity as CaCO <sub>3</sub>	161	161	165	200/600
2	Chloride as Cl	56	58	59	250/1000
3	Sulphate as SO <sub>4</sub>	48	50	52	200/400
4	Nitrate as NO <sub>3</sub>	5.1	4.8	4.4	45/NR

पर्यावरण प्रदूषण नियंत्रण आयोग  
 प्रोजेक्ट एंड डेवलपमेंट इंडिया लिमिटेड  
 (भारत सरकार का उपक्रम)  
 मिनी रत्न-व्यवस्थापनी  
 पी.सी.आई.एल. बंगला, ए-14 सेक्टर-1  
 नएला-201301, (स.प्र.) उत्तर

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# HURL Gorakhpur Surface Water Quality Data April, 2021 to September, 2021

## ANNEXURE I

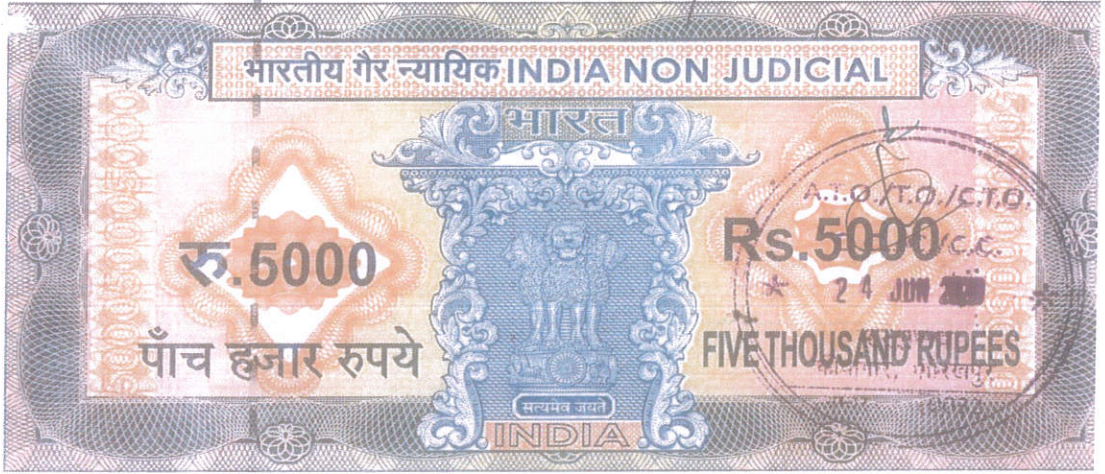
5	Fluoride as F	<0.4	<0.4	<0.4	1.0/1.5
6	Total Hardness as CaCO <sub>3</sub>	240.3	256.7	253.0	200/600
7	Calcium Hardness as CaCO <sub>3</sub>	198.2	212.3	195.0	75/200
8	Magnesium Hardness as CaCO <sub>3</sub>	42.2	46.0	58.0	30/100
9	Dissolve Oxygen	6.0	6.2	5.9	-
10	COD	24.2	23.5	23.7	-
11	BOD <sub>(3 days at 27° C)</sub>	5.3	5.6	5.3	-
12	Sodium as Na	22.7	18.0	22.3	-
13	Potassium as K	3.0	2.7	3.0	-
<b>HEAVY METALS</b>					
1	Iron as Fe	0.18	0.20	0.19	0.3/NR
2	Manganese as Mn	<0.05	<0.05	<0.05	0.1/0.3
3	Total Chromium as Cr	<0.01	<0.01	<0.01	0.05/NR
4	Lead as Pb	<0.01	<0.01	<0.01	0.01/NR
5	Zinc as Zn	0.70	0.64	0.67	5.0/15
6	Cadmium as Cd	<0.003	<0.003	<0.003	0.003/NR
7	Copper as Cu	<0.01	<0.01	<0.01	0.05/1.5
8	Nickel as Ni	<0.01	<0.01	<0.01	0.02/NR
9	Arsenic as As	<0.01	<0.01	<0.01	0.01
10	Selenium as Se	<0.01	<0.01	<0.01	0.01/NR
<b>OTHERS</b>					
1	Oil & grease	<0.01	<0.01	<0.01	0.01/0.03
2	Phenolic Compound	<0.001	<0.01	<0.01	0.001/0.002
3	Coliform (MPN/100ml)	980	937	827	-

पर्यावरण प्रयोगशाला  
 प्रोजेक्ट्स एंड डेवलपमेंट इंडिया लिमिटेड  
 (भारत सरकार का उपक्रम)  
 मिनी हल्ला-1कंपनी  
 पी.डी.आर्डी, एल. भवन, ए-14, सेक्टर-1  
 नएला-201301 (उ.प्र.), इलाहाबाद

*Alka*

Annexure-2 Deed with Nagar Nigam

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उत्तर प्रदेश UTTAR PRADESH

DD 958672

पट्टा विलेख

वार्षिक किराया मु० 10000=00 प्रतिवर्ष प्रति हेक्टेयर  
औसत वार्षिक किराया (मु० 10,000=00 प्रतिवर्ष X 7.745 हेक्टेयर)=  
मु० 77450=00  
आर्टिकल 35(V) सेड्यूल. 1-बी के अनुसार मूल्यांकन--  
(औसत वार्षिक किराया मु० 77,450=00 X 6)= मु० 4,64,700=00  
यानी मु० 4,65,000=00  
मूल्यांकन का 4% अदा स्टैम्प--मु० 18,600=00



गोविन्द सिंह एडवोकेट

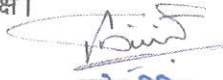


गोविन्द सिंह एडवोकेट

नगर निगम, गोरखपुर जरिये श्री रामसूचित, राजस्व निरीक्षक  
नगर निगम, गोरखपुर।.....प्रथम पक्ष।

राजस्व निरीक्षक  
नगर निगम, गोरखपुर



  
सुबोध दिक्षित  
SUBODH DIXIT  
वरिष्ठ प्रबन्धक  
Sr. Manager  
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर  
HURL, Gorakhpur



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हि-इलाक़ा उर्वरक एंव सायन लि० गोखण्ड (युनिट गोखण्ड)  
जिल्हा सुबोद्य वीक्षन कार्यालय अम-अक



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उत्तर प्रदेश UTTAR PRADESH

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हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर यूनिट गोरखपुर  
जरिये श्री सुबोध दीक्षित वरिष्ठ प्रबन्धक हिन्दुस्तान उर्वरक एवं  
रसायन लिमिटेड, गोरखपुर।.....द्वितीय पक्ष।

ग्राम-जंगल बेनी माधव नं0-1, तप्पा-कस्बा, परगना-हवेली,  
तहसील-सदर, जनपद-गोरखपुर स्थित ताल (सम्पत्ति नगर निगम)  
आराजी संख्या-706/258, रकबा- 19.14 एकड़ यानी 7.745 हेक्टेयर  
को द्वितीय पक्ष अपने कारखाने में जल आपूर्ति के लिये पट्टे पर लेना  
चाहता है।

सहायक निरासक  
रसायन विभाग, गोरखपुर

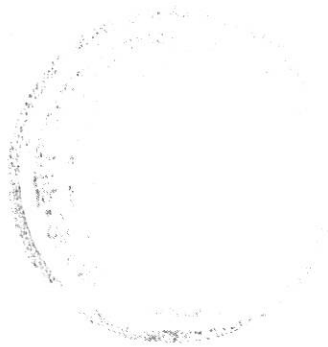


  
सुबोध दिक्षित  
SUBODH DIXIT  
वरिष्ठ प्रबन्धक  
Sr. Manager  
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर  
HURL, Gorakhpur

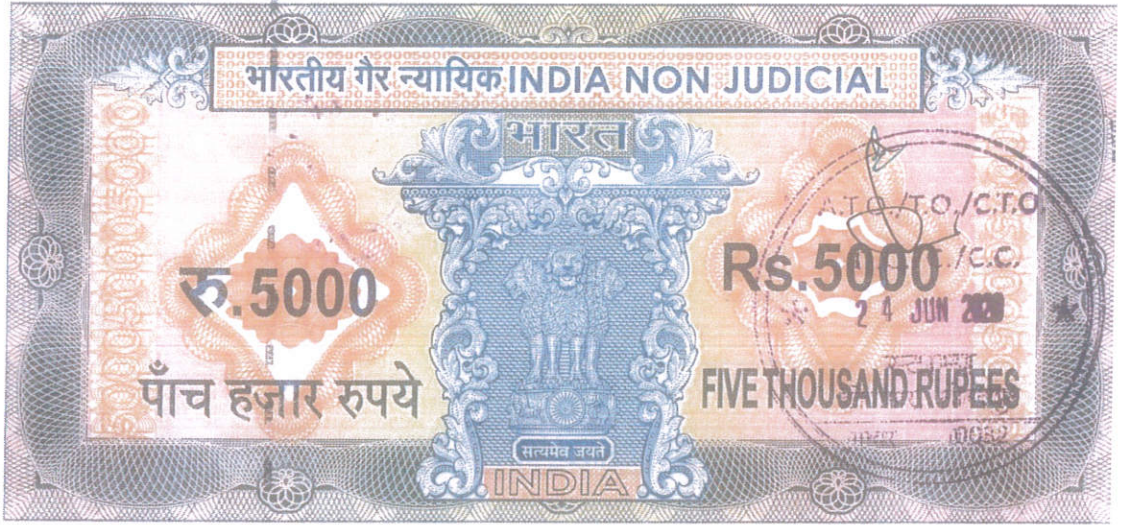


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हिन्दुस्तान उर्वरक एवं लघुमूल्य लिमिटेड गोरखपुर  
जस्टिस प्रमोवा दीक्षित के लिए प्रम-मक



29.6.2020



उत्तर प्रदेश UTTAR PRADESH

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फर्टिलाइजर कारखाना में जल आपूर्ति सुनिश्चित करने के सम्बंध में मा0 मुख्य सचिव, उत्तर प्रदेश शासन द्वारा दिनांक 15.02.2017 को शासन में आहूत बैठक में निर्देश दिया गया है कि नगर निगम गोरखपुर विधि के आलोक में इस सम्बंध में सार्थक विचार करे।

मा0 मुख्य सचिव, उत्तर प्रदेश शासन द्वारा दिये गये निर्देश के अनुसार एवं नगर निगम की धारा-128 में दिये गये प्राविधानों के अनुरूप शासन की स्वीकृति प्राप्त होने के पश्चात् निम्नलिखित शर्तों पर प्रथम पक्ष उक्त ताल को द्वितीय पक्ष को पट्टा पर देने हेतु सहमत है:-

- 1- यह कि शासन की स्वीकृति संख्या-1164/नौ-7-2018-7(जनरल)/2017 दिनांक 12 फरवरी, 2020 के क्रम में ग्राम-जंगल बेनी माधव नं0-1, स्थित ताल (सम्पत्ति नगर निगम) आराजी संख्या-706/258, रकबा-19.14 एकड़ यानी 7.745 हेक्टेयर का पट्टा द्वितीय पक्ष के हक में दिनांक

राजस्व निरीक्षक

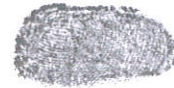
राजस्व विभाग; गोरखपुर



सुबोध दिक्षित  
SUBODH DIXIT

वरिष्ठ प्रबन्धक  
Sr. Manager

हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर  
HURL, Gorakhpur

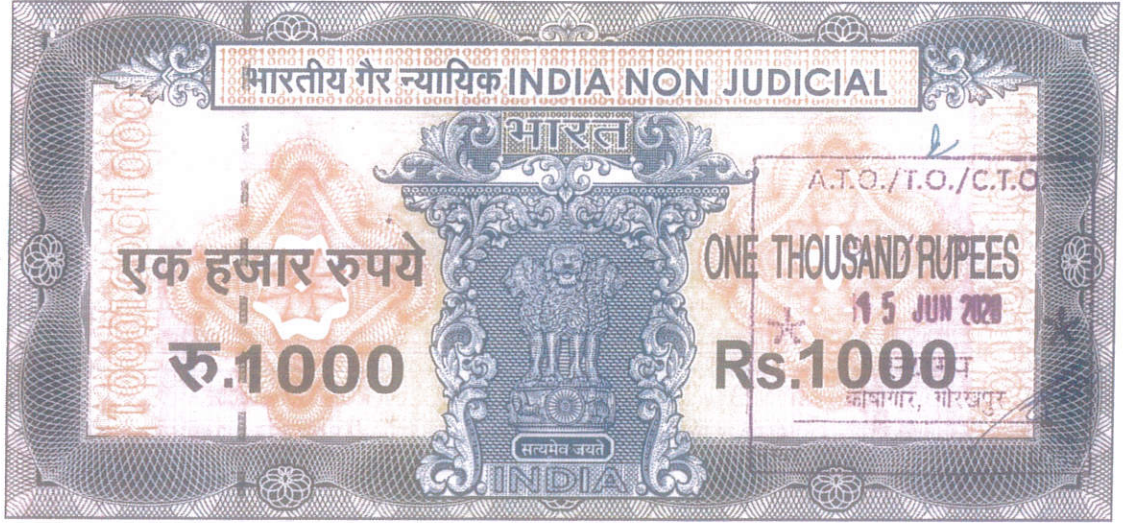


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उत्तर प्रदेश UTTAR PRADESH

BK 325757

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13 फरवरी 2020 को नगर आयुक्त महोदय द्वारा स्वीकृति प्रदान कर दी गयी है। जिसमें पट्टे की अवधि 30 वर्षों की होगी यानी ताल के पट्टे की अवधि दिनांक 29.06.2020 से प्रारम्भ होकर दिनांक 28.06.2050 तक के लिए मान्य होगी। 30 वर्षों की अवधि समाप्त होने के पश्चात् प्रथम पक्ष की सहमति से अगले 25 वर्षों के लिये उक्त पट्टे का नवीनीकरण कराया जा सकेगा। जिसका रजिस्ट्री कार्यालय सदर, गोरखपुर में पंजीकरण कराया जाना अनिवार्य होगा।

2- यह कि द्वितीय पक्ष उक्त ताल से 1450 घनमीटर प्रतिघण्टे, जल प्राप्त कर सकेगा, किन्तु ताल में एक न्यूनतम जल स्तर बनाये रखने का दायित्व द्वितीय पक्ष का होगा, ताकि जलीय जीवन पर कोई दुष्प्रभाव न पड़े। यदि अवर्षण या अन्य किसी कारण से द्वितीय पक्ष को प्रतिघण्टे 1450 घनमीटर जल उपलब्ध नहीं हो पाता है तो उसके पूर्ति का दायित्व किसी भी दशा में प्रथम पक्ष का नहीं होगा।

राजस्व निरीक्षक  
कानून निदेश: गोरखपुर  
*[Signature]*

*[Signature]*  
सुबोध दिक्षित  
SUBODH DIXIT  
वरिष्ठ प्रबन्धक  
Sr. Manager  
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर  
HURI, Gorakhpur



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उत्तर प्रदेश UTTAR PRADESH

BK 325758

- (5)
- 3- यह कि ग्राम-जंगल बेनी माधव नं0-1, स्थित ताल (सम्पत्ति नगर निगम) आराजी संख्या-706/258, रकबा-19.14 एकड़ यानी 7.745 हेक्टेयर का लगान रूपया 10,000=00 प्रतिवर्ष प्रति हेक्टेयर की दर से देय होगा। यदि दरों के सम्बन्ध में कोई शासनादेश अथवा अधिनियम में कोई परिवर्तन होता है, तो उसके अनुसार लगान की दर भी तदनुसार संशोधित होकर लगान दर से प्रतिवर्ष देय होगा। प्रत्येक वित्तीय वर्ष के समाप्ति के पूर्व द्वितीय पक्ष को पट्टा की धनराशि जमा करना अनिवार्य होगा।
- 4- यह कि द्वितीय पक्ष उक्त ताल का सौन्दर्यीकरण/सफाई का कार्य अपने व्यय पर करा सकता है। इस सम्बन्ध में सम्बंधित विभाग से अनापत्ति प्राप्त करने की जिम्मेदारी द्वितीय पक्ष की होगी।

राज्य निरीक्षक  
व्यय विभाग/को  
25/6



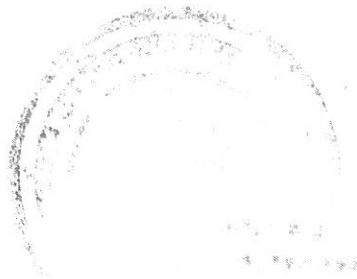
सुबोध दिक्षित  
SUBODH DIXIT  
वरिष्ठ प्रबन्धक  
Sr. Manager

हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर  
HURL, Gorakhpur



1000  
36  
29.6.2020

NTD no 33



ABM



उत्तर प्रदेश UTTAR PRADESH

BK 325759

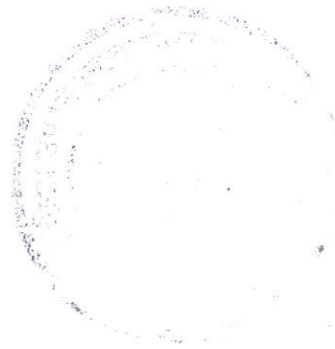
(6)

- 5- यह कि द्वितीय पक्ष, उक्त ताल में जल की उपलब्धता सुनिश्चित कराने के सम्बंध में ताल की खुदाई का कार्य, नगर निगम एवं सम्बंधित विभाग/विभागों से अनापत्ति प्राप्त करने के पश्चात् करा सकता है।
- 6- यह कि द्वितीय पक्ष उक्त ताल में जल आपूर्ति के लिए, पम्प हाउस या उससे सम्बंधित अन्य कोई निर्माण कार्य नगर निगम एवं सम्बंधित विभाग/विभागों से अनापत्ति प्राप्त करने के पश्चात् करा सकता है। उक्त कार्य के सम्बंध में नगर निगम, गोरखपुर की कोई जिम्मेदारी नहीं होगी।

राजस्व निरीक्षक  
नगर निगम, गोरखपुर  
15/6/20

  
सुबोध दिक्षित  
SUBODH DIXIT  
सीनियर प्रबन्धक  
Sr. Manager  
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर  
HURL, Gorakhpur

$\frac{1000}{37}$  ला. नं. 33.  
29.6.2020



29.6.2020

Kn2



उत्तर प्रदेश UTTAR PRADESH

AE 412425

(7)

- 7- यह कि द्वितीय पक्ष उक्त ताल में पूर्व से हो रहे किसी भी परम्परागत कार्य में कोई हस्तक्षेप नहीं करेगा।
- 8- यह कि पट्टे की अवधि में, आवश्यकता पड़ने पर, प्रथम पक्ष को सम्पूर्ण ताल या उसके किसी भाग का कब्जा लेने का पूर्ण अधिकार होगा।

राज्य विराजक  
एच ए डिवायन, गोरखपुर  
24/6

  
सुबोध दिक्षित  
SUBODH DIXIT  
वरिष्ठ प्रबन्धक  
Sr. Manager  
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर  
H.R.L. Gorakhpur

6/29/2020

500 सा.ने. 33  
30  
29 अक्टूबर 2020 2000950014524

पट्टा विलेख/ कबूलियतनामा



बही सं: 1

रजिस्ट्रेशन सं: 4293

प्रतिफल- 465000 स्टाम्प शुल्क- 18600 बाजारी मूल्य- 0 पंजीकरण शुल्क- 4650 प्रतिलिपिकरण शुल्क - 80 योग : 4730

श्री हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड जरिये वरिष्ठ प्रबन्धक द्वारा  
सुबोध दीक्षित अधिकृत पदाधिकारी/ प्रतिनिधि,  
वरिष्ठ प्रबन्धक  
व्यवसाय : नौकरी  
100% हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर



श्री. हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड जरिये सुबोध दीक्षित अधिकृत  
वरिष्ठ प्रबन्धक द्वारा पदाधिकारी/ प्रतिनिधि

ने यह लेखपत्र इस कार्यालय में नॉक 29/06/2020  
एवं 04:12:12 PM बजे  
निबंधन हेतु पेश किया।

10/1/20

रजिस्ट्रीकरण अधिकारी के पक्षर

योगेन्द्र प्रताप सिंह  
उप निबंधक : सदर प्रथम  
गोरखपुर  
29/06/2020

श्री दिनेश शाही  
निबंधक लिपिक

Akshar



उत्तर प्रदेश UTTAR PRADESH

CC 269185

(8)

9- यह कि द्वितीय पक्ष, किसी भी दशा में उक्त ताल या उसके किसी अंश का पट्टा/हस्तान्तरण किसी तीसरे पक्ष के पक्ष में नहीं करेगा।

उभय पक्ष उपरोक्त पट्टा विलेख पढ़ कर समझकर और सहमत होकर अपना-अपना हस्ताक्षर बनाया।

राजेश्वर विरीचक  
रविवर विरीचक/गोरखपुर  
रविवर



  
सुबोध दिक्षित  
SUBODH DIXIT  
वरिष्ठ प्रबन्धक  
Sr. Manager  
हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड  
HURL, Gorakhpur







6/29/2020  
50  
39  
29.6.2020

तारीख 33.

आवेदन सं०: 202000950014524

बही सं०: 1 रजिस्ट्रेशन सं०: 4293 वर्ष: 2020

निष्पादन लेखपत्र वाद सुनने व समझने मजमुन व प्राप्त धनराशि रु प्रतेखानुसार उक्त पट्टा दाता: 1



श्री नगर निगम गोरखपुर जरिये राजस्व निरीक्षक के द्वारा रामसूचित, राजस्व निरीक्षक

निवासी: नगर निगम गोरखपुर

व्यवसाय: नौकरी

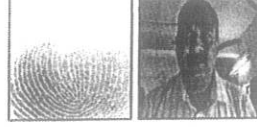


पट्टा गृहीता: 1

श्री हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड जरिये वरिष्ठ प्रबन्धक के द्वारा सुबोध दीक्षित, वरिष्ठ प्रबन्धक

निवासी: हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड, गोरखपुर

व्यवसाय: नौकरी



ने निष्पादन स्वीकार किया। जिनकी पहचान

पहचानकर्ता: 1

श्री अतुल कुमार, पुत्र श्री सुबाष चन्द्र राय

निवासी: ग्राम-दुधरा, पोस्ट-बनियावारी, खलीलाबाद, संतकबीर नगर

व्यवसाय: नौकरी



पहचानकर्ता: 2

श्री राजनारायण, पुत्र श्री रामउग्रह

निवासी: रामपुर चक, झानीराम, गोरखपुर

व्यवसाय: अन्य



रजिस्ट्रीकरण अधिकारी के हस्ताक्षर

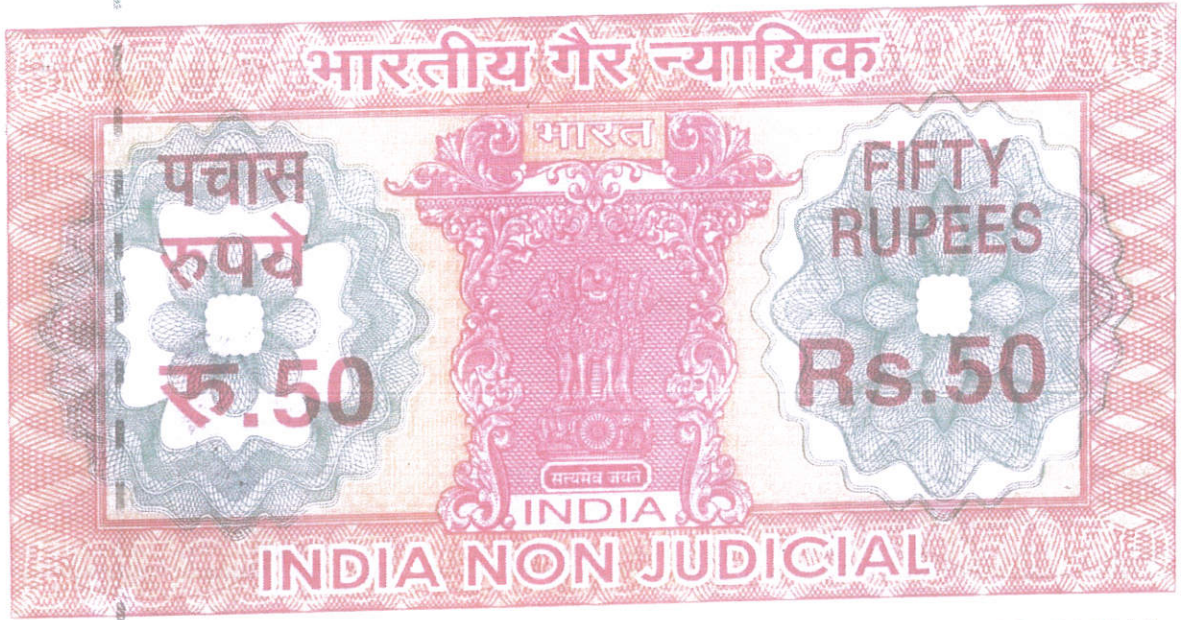
ने की। प्रत्यक्षतः भद्र साक्षियों के निशान अंगूठे नियमानुसार लिए गए हैं।

टिप्पणी:

योगेन्द्र प्रताप सिंह  
उप निबंधक: सदर प्रथम  
गोरखपुर

श्री दिनेश शाही  
निबंधक लिपिक

Handwritten signature/initials.



उत्तर प्रदेश UTTAR PRADESH

CC 269218

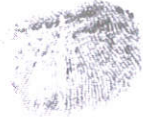
हस्ताक्षर प्रथम पक्ष

(9)

द्वितीय पक्ष

राजेश विराट  
राजेश विराट, गोरखपुर  
रंजीत

सुबोध दिक्षित  
SUBODH DIXIT  
सेनियर प्रबन्धक  
Sr. Manager  
हिन्दुस्तान उर्वरक प्रा. लि. गोरखपुर निवासे  
HUKL, Gorakhpur



साक्षीगण:-

1- अतुल कुमार् S/o.....  
सुबाष चन्द्र रात्र  
सा० पुधरा पोखामिषाबारी  
खलीलाबाद, सतल कबीर नगर

2- राज नारायण पट्टे S/o.....  
शमभद्र पाण्डेय  
शा० रामपुर चक्र पोखामिषाबारी  
गोरखपुर

स्थान-गोरखपुर  
दिनांक-29.06.2020

प्रारूपकर्ता  
गोविन्द सिंह  
(गोविन्द सिंह)  
एडवोकेट  
कलेक्ट्री कचहरी, गोरखपुर

6/29/2020  
58  
40  
29.6.2020  
आवेदन सं०: 202000950014524

बही संख्या 1 जिल्द संख्या 16010 के पृष्ठ 357 से 382 तक क्रमांक  
4293 पर दिनांक 29/06/2020 को रजिस्ट्रीकृत किया गया।

रजिस्ट्रीकृत उपनिवेश के प्रमुख अधिकारी  
योगेन्द्र प्रदीप सिंह  
उप निबंधक : सदर प्रथम  
गोरखपुर  
29/06/2020

[https://igrsup.gov.in/igrsup/showEndorsReport\\_html\\_60](https://igrsup.gov.in/igrsup/showEndorsReport_html_60)

1/1

Adarsh

Dr Adarsh Kumar  
Manager (E & QC)  
Hindustan Urvarak & Rasayan Ltd. (HURL)  
Admin Building, Fertilizer Township Gorakhpur  
PO-Fertilizer Factory, Dist. - Gorakhpur-273007

Adarsh

## Annexure-3

### GREEN BELT DEVELOPMENT & PLANTATION OF TREES

The project proponent shall develop greenbelt in an area of 33% i.e., nearly 130 acres out of 350 acres plant area of the project. The greenbelt of 10m width around periphery shall be provided (Plate A)

5000 trees per year in 5 year shall be planted in nearby village with the consultation of the villagers.

#### **Purpose**

Trees and plants are an essential component of healthy environment. In addition to maintaining the oxygen-carbon dioxide balance in the atmosphere through photosynthesis, trees and plants control air and noise pollution, control soil erosion, provide food and shelter to domestic and wild animals including birds and insects, and improve the aesthetic value of the environment. The utility of the green belt predominantly lies in its capacity to attenuate the fugitive emission and spillage. Thus, the objectives of the proposed green belt program are as follows:

- a) To control air pollution due to fugitive emissions and spillage.
- b) To attenuate noise generated by various machines.
- c) To attenuate the effect of accidental release of toxic gases.
- d) To reduce the effect to fire and explosion.
- e) To improve the general appearance and aesthetics of the area.
- f) To provide food and habitat for wildlife.
- g) To control soil erosion.
- h) To obscure the proposed facilities from general view.

#### **Areas to be afforested**

Gorakhpur Fertilizer plant shall be established in vacant land in the battery limit of FCI of 350 acres of land. Green-belt development program shall be undertaken in 33% of the plant area including 10 m wide green belt around the battery limit of the plant. There exists a green cover around the existing abandoned fertilizer plant. The existing township is well planned with a proper forestation. While

preparing the layout plan for locating the different facilities, extreme care has been exercised to preserve the existing plantation to the extent possible. Trees, lawns and gardens shall be developed within the premises to cover all the vacant areas. Extreme care shall be taken to utilize all available areas for forestation.

#### **Scheme and Species for Green Belt**

The general approach for selection of species for green belt development is their potential for attenuation of fugitive emissions and noise, diversity of vegetation, introduction of species attracting birds and animals, and to create a natural habitat. It is proposed to develop trees of different heights so as to provide cover from ground level up to the canopy of tall tree species. Further, trees with big foliage and those known to prosper well in the area will be developed. Preference will be given to fruit bearing trees so as to provide food and shelter to birds and insects.

Efforts have been made by M/s HURL in collaboration with State Forest Department to explore mutual areas of interest in the area of identifying trees/plants to maintain/enhance the current biodiversity index and subsequently budgetary quote to implement green belt development plan have been obtained.

# Annexure-3 DFO PO for plantation of 5000 trees

## Hindustan Urvarak & Rasayan Limited.

Gorakhpur Manufacturing Unit HURL, Gorakhpur, Unit 1, Administrative Building,  
Hurl Campus, Fertilizer, Gorakhpur, City, Gorakhpur, Pin: 273007,  
Uttar Pradesh  
GSTIN: 07AADCH9368N1ZU

*Duplicate*

Purchase Order		
<b>Vendor Code :</b> 1300198 <b>Vendor Name &amp; Address :</b> Farm/MS District Forest Officer Forest Department Gorakhpur, Gorakhpur, 999999 <b>PAN No. :</b> <b>GSTIN No.:</b> 2ALDD00932B091D4 <b>State :</b> Uttar Pradesh	<b>Po No. :</b> 6000000314 <b>Purchase Group :</b> 081 <b>Po Date :</b> 23.03.2016	<b>Delivery Address</b> Gorakhpur Manufacturing Unit HURL, Gorakhpur, Unit 1 Administrative Building, Hurl Campus, Fertilizer, Gorakhpur, City Gorakhpur, Pin: 273007, Uttar Pradesh <b>GSTIN:</b> 07AADCH9368N1ZU

**Subject :** PLANTATION OF 5000 TREES FOR GREEN BELT PLANTATION IN HURL CAMPUS ATHURL  
GORAKHPUR.

**NIT No :** NIL

**Your Offer No :**

**Your Reference No :**

**Dear Sir,**  
M/S DISTRICT FOREST OFFICER against proposal no. 1A/UP/IND2/54269/2016 DTD: 5TH MAY 2016

Thanking You ,

For & On behalf Of,

Enclosures :

*[Signature]*

*Received  
[Signature]  
23/3/2016*

0

# PO No 6000000314

**Registered Office Address:**  
Hindustan Urvarak & Rasayan Limited, Core-4, 9th Floor Scope Minar, Laxmi Nagar, District Centre, New Delhi, East Delhi,  
110092, Tel: 01122502267, Delhi, India.  
GSTIN : 07AADCH9368N1ZU

*Alma*



Annexure 4 PO no. 6000000493 for Procurement of bottle palm at HURL Gorakhpur



**Hindustan Urvarak & Rasayan Limited.**  
Gorakhpur Manufacturing Unit, HURL Gorakhpur Unit-1, Administrative Building,  
Hurl Campus, Fertilizer, Gorakhpur, City : Gorakhpur, Pin : 273007  
Uttar Pradesh  
GSTIN : 09AADCH9368N1ZQ

**Material Purchase Order**

Purchase Order No. : 6000000493 Po Date : 01.11.2021  
Vendor Name & Address :  
M/S & Other LAVANYA  
CONSTRUCTION PVT LTD  
11TH FLOOR 1109 CHIRANJIV  
TOWER-43, NEHRU PLACESOUTH  
DELHI,SOUTH DELHI,110019

Vendor Code : 1300291  
P.Org : 1001 Material Domestic  
Delivery Plant : U101 Gorakhpur  
Manufacturing Unit, HURL Gorakhpur  
Unit-1

PAN No. : AACCL4943L  
GSTIN No. : 07AACCL4943L3Z6  
State : Delhi

Subject : Purchase of 1000 bottle palm at HURL Gorakhpur.

NIT No : LTE

Your Offer No :

Your Reference :

Our Reference :

Dear Sir,  
M/s LAVANYA CONSTRUCTION PVT LTD

Thanking You ,

For & On behalf Of Hindustan Urvarak Rasayan Limited.

Enclosures :

Registered Office Address:  
Hindustan Urvarak & Rasayan Limited, Core - 4, 9th Floor, SCOPE MNAR, Laxmi Nagar District Center, New Delhi,  
110092, Tel:01122502267, Delhi, India  
GSTIN : 07AADCH9368N1ZU

*Handwritten signature*



## (Bill of Quantity)

Name of Work : Purchase of 1000 bottle palm at HURL Gorakhpur

## Delivery/ Address

Gorakhpur Manufacturing Unit,  
HURL Gorakhpur Unit-1,  
Administrative Building,  
Hurl Campus, Fertilizer, Gorakhpur,  
City:Gorakhpur,  
Pin: 273007,Uttar Pradesh,  
GSTIN : 09AADCH9368N1ZQ

## Invoicing Party Address

M/S & Other LAVANYA CONSTRUCTION PVT LTD  
11TH FLOOR 1109 CHIRANJIV TOWER-43, NEHRU  
PLACESOUTH DELHI,SOUTH DELHI,110019

PAN No. : AACCL4943L  
GSTIN No. : 07AACCL4943L3Z6  
State : Delhi

SL.No	Code	Description	Unit	Quantity	Net Price	IGST		Amount
						Rate %	Amount	
10		bottel palm trees	NO	1000.000	572.00			572,000.00
Total Net Amount								572,000.00
Total Gross Amount								572,000.00

INR FIVE LAKH SEVENTY TWO THOUSAND RUPEES

## (Scope Of Work)

Supply of bottle palm tree (Min height 10 feet)

## Registered Office Address:

Hindustan Urvarak & Rasayan Limited, Core - 4, 9th Floor, SCOPE MINAR, Laxmi Nagar District Center, New Delhi,  
110092, Tel:01122502267, Delhi, India  
GSTIN : 07AADCH9368N1ZU

(Terms & Conditions)

Payment Terms :

100% payment within 30 days after receipt, acceptance of material.

Payment Mode :

NEFT/RTGS

Liquidated Damages :

LD will be applicable at rate of 0.5% per week subject to maximum 10 weeks (GST will also be deducted on above at prevailing rate at the time of dispatch from the bill of part)

Special Instruction :

SPECIAL TERMS & CONDITIONS

01. Work shall be carried out in consultation with ENGINEER-IN-CHARGE
  02. The Engineer-in-charge will be Sr. Manager (HR).
  03. The Defect liability period shall 3 months.
  04. The work shall be carried out immediately or as per instruction by ENGINEER-IN-CHARGE.
  05. Survival rate of plants shall be 100%. All dead plants within three months duration shall be replaced free of cost from the vendor/ Supplier with same species in all respect.
  06. The executor shall provide all safety equipment/ Personal protective equipment to their deployed workmen at own cost.
  07. All other terms & Conditions shall be as per SOR/ MOU, special T&C and GCC for civil works of HURL.
  08. Other requirement # Minimum height of the Plant shall be not less than 10 feet  
Coordinating Executive of HURL : Sr. Manager (HR)
- Delivery- 500 qty delivered within 15 Days & rest 500 Qty we shall inform you later

Registered Office Address:

Hindustan Urvarak & Rasayan Limited, Core - 4, 9th Floor, SCOPE MINAR, Laxmi Nagar District Center, New Delhi, 110092. Tel: 01122502267, Delhi, India  
GSTIN : 07AADCH9368N1ZU

(List Of Documents)

Please note that below documents are needed to be provided along with Invoice.

1. Delivery challan if any
2. Tax Invoice

**Registered Office Address:**

Hindustan Urvarak & Rasayan Limited, Core - 4, 9th Floor, SCOPE MINAR, Laxmi Nagar District Center, New Delhi,  
110092, Tel: 01122502267, Delhi, India  
GSTIN : 07AADCH9368N1ZU




# Annexure 5 Dredging Picture

<b>NON-LSTK</b>	<b>DREDGING</b>	<b>M/S NKI-WAPCOS</b>	<b>DREDGING</b>
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**Key Highlights**

**DREDGING :**

- 7,69,974 / 20,00,000 Cum dredging completed.
- Second dredger commissioning in progress.



**Shoot Date** 07-Sep-20

*Abhinav*

# Annexure 6 Dredging Work order



वाष्कोस लिमिटेड  
WAPCOS LIMITED

(भारत सरकार का उपक्रम)  
जल संसाधन, नदी विकास व गंगा संरक्षण मंत्रालय  
(A Government of India Undertaking)  
Ministry of Water Resources, River Development & Ganga Rejuvenation



No. WAP/WRD/HURL/GOR/DREDGING/2018-19/01 नवंबर

Date: 29<sup>th</sup> Nov, 2018

M/s NKI Consortium  
C/o Northernexpress Infradevelopers Pvt. Ltd.  
C-209, Antop Hill Warehousing Complex,  
Near Dosti Acres, Vidyalankar College marg,  
Wadala East, Mumbai - 400037  
Ph: 022-2413 3031  
Email: northernexpressinfra@gmail.com

Subject: Letter of Award

Assignment: "Dredging & Reclamation At Chilwa Tall (Also Called As Mahesra Tall) in Gorakhpur, Uttar Pradesh State".

References: Bill No. WAP/WRD/GCR/2018-19/01 Dated: 11/10/2018

Dear Sir,

With reference to the above, we are pleased to award the work for "Dredging & Reclamation At Chilwa Tall (Also Called As Mahesra Tall) in Gorakhpur, Uttar Pradesh State".

## 1. SCOPE OF WORK & BILL OF QUANTITIES

The scope of work covers HURL propose to deepen the Chilwa Lake area (also known as Chilua Taal or Mahesara Taal) to a depth of about 3.0 Mts to increase the storage capacity and to develop the adjacent areas. Dredging and removal of aquatic plants from the lake is required to be done in order to increase the storage capacity, improve the water quality and restoring the health of aquatic ecosystems. Dredging will also increase in storm/ storage capacity there by lowering the possibility of flooding during monsoon on Item Rate Basis.

76-C, Institutional Area, Sector - 18, Gurugram - 122 015 (Haryana), INDIA

Tel. : +91-124-2399421 \* Fax : +91-124-2397392

E-mail : ho@wapcos.co.in ; mail@wapcos.co.in \* Website : http://www.wapcos.co.in

CIN : U74899DL1969GOI005070



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#### MATERIAL TO BE DREDGED

##### Dry Excavation

- a. Removal of surface vegetation in dredging/excavation site (within the proposed lake area) and transporting the same up to a lead distance of 1.50 to 2.0km (includes manpower, fuel, equipment & accessories, etc),
- b. The approximate quantity of excavation/ dry dredging is 14.0 lakh cubic meter. Dry excavation is to be carried out to achieve the design level of + 68.50 M MSL.

##### Dredging/Wet Excavation

- a. Removal of Aquatic plants viz: hydrilla, water hyacinth, duck weed, trash etc., in the Chilwa Lake prior to desilting under water body for augmenting the storage capacity of raw water. The work shall be carried out in the water- logged area demarcated in the Chilwa Lake and disposing the trash materials on the disposal area up to distance of 1.50 to 2.0 km (includes manpower, fuel, equipment & accessories, etc).
- b. The approximate quantity of dredging is 6.0 lakh cubic meter. Dredging/ Wet excavation is to be carried out to achieve the design level of + 68.50 M MSL.

##### Earthen dyke/ Bund construction for Shore disposal

- a. For Earthen bund construction on periphery of lake: -  
For maintaining the boundary area of the lake for water containment, it is proposed to utilise the excavated material in the outer periphery of the lake duly constructing bunds to provide a catchment area for the lake. The dimensions of the earthen dyke to be constructed is 3 mts top width, 12 mts bottom width & 3 mts height, the maximum top of the bund will be 72.0m for a length of 6.26 km. It is approximated that around 1.5 lakh cum of soil would be required to construct dyke for an approximate length of 6.26 km.
- b. For the stability of Earthwork for embankment (earthen dyke)/dyke mentioned at Clause, soiled filled geo- bags/sand bags will be used upto a height of 2 mtr.

##### Note:-

1. The approximate quantity to be dredged shall be finalised after completion of Pre dredging surveys.
2. The dredged material shall be disposed at the specified disposal areas, which shall be informed to the contractor beforehand during execution of work. The work shall be done as per the directions and close supervision of Engineer in charge or his authorized representative.



Page 2 of 11

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3. The tentative Quantity to be dredged for wet dredging & Reclamation is 6.00 Lakh cubic meter which may vary +/- 20% for which the quoted rate per cum remains same.
4. The tentative Quantity for dry excavation is 14.00 Lakh cubic meter which may vary +/- 20% for which the quoted rate per cum remains same.
5. The tentative quantity to be dredged shall be finalised after completion of Pre-dredging surveys.

Any item/activity which is not listed here but is required for completion of job as per enquiry's scope of work, Tender document, Technical Specifications and drawings shall be under Contractor's scope without any cost implication to Owner.

2. **TOTAL CONTRACT VALUE:** The above work is being awarded on lump sum fee of Rs. 35,91,05,150/- (Rupees Thirty Five Crore Ninety One Lakh Five Thousand One Hundred and Fifty Only). GST shall be paid over and above cost of the Project. GST shall be paid at prevailing rate (currently @12%) against documentary evidence.  
No other charges shall be paid by WAPCOS for establishing site office, travel, communication facilities, stationary etc.
3. **EFFECTIVE DATE OF THE CONTRACT :** Effective date of contract shall be date of issuance of Letter of Award (LOA)
4. **TIME SCHEDULE :** 10 (Ten) months from the date of issue of Letter of Award (LOA)
5. **PAYMENT SCHEDULE**

MEASUREMENTS:-

- a) The Joint Survey to be conducted for Pre, Progress as well as Post dredging surveys by using Echo sounder, Automatic level and DGPS / RTK for position fixing/Lidar Survey where applicable. All the Joint surveys shall be arranged by contractor at his cost.



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b) Levels will be taken at the intervals of 5 x 2 m before commencement of Dry excavation and after completion of Dry excavation as Pre progress & Post dredging surveys.

c) Soundings will be taken at the intervals of 5 x 5 m by lead line/echo sounder before commencement of wet dredging and after completion of wet dredging as Pre, progress & Post dredging surveys.

d) The dredged volume shall be calculated based on the levels/soundings taken before commencement and after completion of dredging of the area between dredging limits by using Simpson's rule

The measurement of the quantity of the dredged out material will be calculated as per the quantum of material dredged in the dredging area earmarked. Pre, Progress & Post dredging survey charts of dredging area shall be considered for payment.

Quantity of dry excavation shall be calculated by land survey and shall be calculated as per the quantum of material excavated in the excavation area earmarked. Pre, Progress & Post excavation survey charts of desiltation area shall be considered for payment as per unit mentioned in BOQ.

The quantity certified by the agency appointed by M/s HURL as third party shall be considered for monthly payments. The monthly bills shall be released within 30 days from the date of receipt of certified bill from third party agency appointed by M/s. HURL

The Bill for Services rendered/payment will be made on a monthly basis, by concerned Project Office /Head Office through NEFT/RTGS only. No advance for the work done or any other advance whatsoever will be payable to the Contractor. The work done certificate shall be certified by Site-in Charge or the person nominated by Project-in-Charge.

The details of wages paid and statutory recoveries like PF and other statutory recoveries of the crew / workers should be indicated in the wage slip and same should be must be attached to the Bill. Payment for the crew/workers should not be less than the minimum wages paid at the place of working. However the proof of payment of such Statutory recoveries should be submitted later periodically.



*Alma*



#### PAYMENT

WAPCOS Limited shall pay the amount certified in a Certificate of Payment less the amount paid earlier in accordance with Clause 48(3) [Certificate of Payment], no later than [30 (thirty)] Business Days from the date of such Certificate of Payment. Tax deduction at source (TDS) shall be made in terms of Income tax rules enforced from time to time as per GOI guidelines.

**VARIATION IN QUANTITIES:** The rates quoted by the party and accepted by WAPCOS shall hold good till the completion of work and no additional claim will be admissible on account of fluctuation in market rates, tools etc.

No cognizance will be given for any sort of fluctuations in rates of any individual items for the purpose of making adjustment in payments.

#### 6. WORK SCHEDULE

Time is the essence of the contract and shall be strictly adhered to. All the works as indicated in scope of work shall be completed in all respect within the time period.

The Contractor shall prepare an integrated programmer chart in MS Project/Primavera software/Bar chart for the execution of work, showing clearly all activities from the start of work to completion, with details of manpower, equipment and machinery required for the fulfilment of the programmer within the stipulated period or earlier and submit the same for approval to the Engineer-in-Charge within ten days of award of the contract

The programmer chart should include the following:

- i. Descriptive note explaining sequence of the various activities.
- ii. Network (PERT / CPM / BAR CHART).
- iii. Programme for procurement of materials by the contractor.



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The contractor shall intimate the employer within 3 (three) days the name of the authorized person with contact number, who will be responsible for field activity and day to day interaction with the employers authorized representative for field activity

Note: All other terms and conditions of tender document will prevail

7. **CONTRACT COORDINATION PROCEDURE**

All correspondences including submission of bills (in duplicate) for payment shall be at the following address:

Shad Nomani  
Engineer,  
WRD Division  
WAPCOS Limited,  
76-C, Sector-18, Gurugram, Haryana-122015  
Mail: wrd@wapcos.co.in

8. **DELIVERABLES**

The deliverables shall be as per the scope of work as detailed in tender document will prevail. All plans, design calculations, studies, data, maps, drawings and specifications prepared by the Implementing Agency in connection with the services to be provided by the Implementing Agency shall be the property of the Owner, As and when required or upon termination of the Contract, the aforesaid Documents, prepared specifically for this Study (including originals), shall be handed over to the Owner before final acceptance or thereafter

9. **INSURANCE**

The agency shall insure himself against any liability under any workmen compensation ordinance or equivalent prevailing legislation and any modifications thereof, which may be put in force by the government during the continuance of the contract.

In the event of any loss or damage suffered in consequence of any accident or injury or disease resulting from his work to any workman or other person in the employment of the agency, the agency shall pay compensation to the victims.



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The agency shall in respect of his employees who are employed by him pay rates of wages, observed hours of labour and provide other facilities not less favorable than those required by law.

#### 10. TAXES AND DUTIES

- i. All taxes, duties & levies (including, surcharge and cess there upon as applicable), insurance charges for insurance to be taken by Contractor as per statutes, license fees (if any), etc. (excluding GST) shall be included in the EPCM fee for their scope in implementation of WORK and the same shall be borne by the Contractor. WAPCOS will not bear any expenditure, whatsoever on this account. GST shall be reimbursed by the WAPCOS at actuals based on the documentary evidence.
- ii. Payments to Service Provider for claiming GST amount will be made provided the formalities mentioned herein below after are fulfilled. Further, WAPCOS may seek copies of challan and certificate from Chartered Accountant for deposit / submission of Return of GST thereupon collected from Owner.
- iii. Any changes in statutory rules and regulations under GST regime shall be followed by the Contractor.
- iv. The responsibility of payment of above taxes thereupon lies with the Contractor only. Contractor providing taxable service shall issue an Invoice as per the law, a Bill or as the case may be, a Challan which is signed, serially numbered and in accordance with GST rules. The invoice shall also contain the following:
  - Name, Address & GST Registration No. of such Person/Contractor
  - Name & Address of the Person/Contractor receiving Taxable Service
  - Description, Classification & Value of Taxable Service provided like HSN/SAC Code
  - GST Amount & Cess thereupon, if any.
- v. As regards Income Tax, Surcharge on Income Tax and other Corporate Taxes, including Cess wherever applicable, the Contractor shall be responsible for such payments to the concerned authorities.

However, the Owner is entitled to deduct taxes at source from the payment to be made to the contractor in accordance with the Indian Tax laws and rules as applicable from time to time and deposit it with the concerned Authorities within the prescribed time.



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The Contractor shall be required to submit the PAN details to the Project Manager before the submission of the first bill.

vi. The implementing Agency shall be liable to take/ maintain all necessary insurance(s) at its own cost.

#### 11. GENERAL SPECIFICATIONS

(i) WAPCOS shall not be responsible for any mishappening/loss/damage of equipment or human resource or due to some natural calamities/ insurgencies/ terrorist activities caused during the course of the work. The agency shall be fully responsible and shall take full care of any mishappening, accident, disaster, or any unforeseen circumstances while doing Survey work. Any consequential legal/financial/judicial matters shall be full liability of the agency. WAPCOS Ltd. shall not be liable in whatsoever manner.

(ii) Contractor shall ensure that all warranties/guarantees available by suppliers of all electrical/hydro-mechanical/ electro-mechanical item(s) / equipment(s), which are becoming integral part of WORK, are passed on to HURL. Contractor shall endeavor vide its contract(s) to obtain for benefit of HURL from suppliers/ vendors of such items/ equipment/ material, guarantee(s) to replace or repair such items/ equipment/ material, which are found to be defective under normal operating conditions within 12 (twelve) months from date of their respective commissioning at HURL site, whichever is earlier. Contractor agrees to fully cooperate and assist HURL/WAPCOS to enforce such guarantees against aforesaid vendors.

(iii) The agency shall make his own arrangement for filtered and unfiltered water and lighting etc. as per requirement at his own cost.

#### 12. SETTLEMENT OF DISPUTE

(i) Any disputes or differences including those considered as such by only one of the parties, arising out of or in connection with the Contract shall be to the extent possible settled amicably between the parties.



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- (i) If amicable settlement cannot be reached then all disputed issues shall be settled by arbitration as provided under Clause 10.0 ARBITRATION in tender document.
- (ii) In case of arbitration by the executing contractor, the final award of the arbitrator and the expenditure during the arbitration process (if any) shall be paid by WAPCOS if and only if such cost is reimbursed by HURL/PDIL to WAPCOS

### 13. ADDITIONAL CONDITIONS

- (i) The agency shall depute qualified and competent Engineers/Supervisors to carry out the work and shall be available at site during work.
- (ii) The contractor shall submit daily progress report to WAPCOS site engineer. The contractor shall equip their site in charge with a mobile phone to facilitate communication and control over work progress
- (iii) Contractor shall be required to seek approval of work/ drawing from WAPCOS beforehand. One hard copy of Final Report as acceptable to the Engineer in-Charge, shall be submitted in colour for verification
- (iv) WAPCOS, on behalf of HURL/PDIL, shall vet and approve the overall scheme, prepared by Contractor, for Dredging of Chilwa Taal at Hurl Gorakhpur
- (v) WAPCOS, on behalf of HURL/PDIL, shall vet and approve all the drawings & documents technically generated and furnished by Contractor.
- (vi) WAPCOS shall vet and certify all bills / invoices of Contractor before payment thereof from HURL. Contractor shall render all documents / data to satisfaction of WAPCOS, enabling them to certify Contra



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- (vii) In case, any delay occurs due to local hindrance the contractor shall mobilize additional man power and equipment/instruments to accelerate the work with a sole intention to compensate the lost time period. The contractor shall not be entitled to any payment on account of any accelerated effort if required to complete the work within the stipulated time period and is deemed to have included in the quoted prices.
- (viii) WAPCOS Ltd. reserves the right to terminate this agreement anytime during course of the work, if (i) the progress of the work is not found satisfactory as per the time frame. (ii) the work being done is not found of desired quality as per nomenclature of items and terms and conditions, in such an eventuality the payment due to the agency shall be forfeited.
- (ix) The agency has to make all arrangements to provide necessary accommodation / shelter to all its employees at their own cost.
- (x) The Contractor shall be responsible to take all precautions to ensure safety of the public and his own personnel. Further, survey agency will also be required to take following insurances at your own cost.
- Third party liability insurance.
  - Worker's compensation insurance in respect of Survey Agencies' personnel
  - Any other insurance for public & Survey agencies' personnel in accordance with the relevant provisions of the applicable land.
  - Insurance of all machines and equipment
- (xi) The agency shall comply with the provisions of the following acts:
- Contract labour (Regulation & Abolition) Act 1970
  - Employees Provident Fund Act, 1952
  - Minimum Wages Act, 1948 (Amended)
  - Employer's Liability Act, 1938 (Amended)
  - Industrial Employment Act, 1946 (Amended)



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*Atina*

• Personnel Injuries (Compensation Insurance) Act, 1963 (Amended)

(xii) The survey agency shall not employ any labour below 18 years.

(xiii) All other terms & conditions will be applicable as per tender document.

(xiv) If any dispute arises on the interpretation of the order or execution of work, CMD WAPCOS will be sole arbitrator and his decision will be final and binding on both the parties.

Thanking you,

Yours sincerely,



*Sai Suresh P*

(Sai Suresh P)

Additional Chief Engineer

WRD Division

WAPCOS Limited

Tele-Fax: +91-124-2399427 / 431

Email : wrd@wapcos.co.in

We hereby accept and agree to abide with above terms and conditions.



*Sharma*  
29/11/18.

(Authorized Representative of M/s NRI Consortium)

CSAWJIRE G. SHARMA

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# Annexure 7 Skill Development centre proposal letter by MD



हिंदुस्तान उर्वरक एवं रसायन लिमिटेड  
HINDUSTAN URVARAK & RASAYAN LTD  
(A Joint Venture of NTPC, CRIL, IOCIL, FCI & HFCIL)

No. HURL/MD/GKP/2021-22

12<sup>th</sup> April, 2021

To

**The District Magistrate**  
Gorakhpur District,  
Government of Uttar Pradesh,  
**Gorakhpur, Uttar Pradesh.**

**Subject:** Allocation of about 20 acres of land for Skill Development Centre

Dear Sir,

At the outset, I wish to express my sincere gratitude for your continued support for the endeavors of HURL in the Gorakhpur district.

You would kindly recall that during the recent visit of the Hon'ble Cabinet Minister for Chemicals & Fertilizers, Ministry of Chemicals & Fertilizers, Govt. of India, to HURL's upcoming Urea plant when Hon'ble Chief Minister of Uttar Pradesh made an announcement for setting up a State-of-the-Art Skill Development Centre (SDC) at Gorakhpur. HURL is ready to set-up this Centre for which some additional piece of land will be required.


In view of the above, you are requested to kindly initiate action for allocating about 20 acres of an appropriate piece of land on a 55-year lease to HURL for the above Centre. This would help in taking forward the process of setting up the Centre on a fast-track mode. This Centre shall have the training facilities for development of multiple skills/ trades for the people of the State of Uttar Pradesh for the overall economic prosperity of the communities.

We assure you that all out efforts shall be made by HURL in creating this model Skill Development Centre at the earliest.

Looking forward to your continued support.

With warm regards,



Yours Sincerely,

  
(Arun K Gupta)  
Managing Director

प्राधान्य कार्यालय : कोरे-4, 9<sup>th</sup> फ्लोर, SCPE मिनी, लखनऊ नगर क्षेत्रीय केंद्र, नए दिल्ली 110 082, भारत, नए दिल्ली 110 082, भारत, फ़ोन : +91 11-22502267, 22502268  
Corporate Office - Core-4, 9<sup>th</sup> Floor, SCPE Minor, Laxmi Nagar District Centre, New Delhi 110 082, India. Tel : +91 11-22502267, 22502268  
प्राधान्य कार्यालय : कोरे-4, 9<sup>th</sup> फ्लोर, SCPE मिनी, लखनऊ नगर क्षेत्रीय केंद्र, नए दिल्ली 110 082, भारत, नए दिल्ली 110 082, भारत, फ़ोन : +91 11-22502267, 22502268  
Regional Office : Coal Bhawan, Coal India Limited, 9<sup>th</sup> Floor, Plot No. AF-06, Action Area 1A, Newtown, Kolkata-700154. Tel. : 033-23246526 Fax : 033-23246525  
कार्यालय : कोरे-4, 9<sup>th</sup> फ्लोर, SCPE मिनी, लखनऊ नगर क्षेत्रीय केंद्र, नए दिल्ली 110 082, भारत, नए दिल्ली 110 082, भारत, फ़ोन : +91 11-22502267, 22502268  
Regional Office : Coal Bhawan, Coal India Limited, 9<sup>th</sup> Floor, Plot No. AF-06, Action Area 1A, Newtown, Kolkata-700154. Tel. : 033-23246526 Fax : 033-23246525  
फ़ोन / ई-मेल : info@hurl.net.in 3098822 / Website : www.hurl.net.in  
कार्यालय : कोरे-4, 9<sup>th</sup> फ्लोर, SCPE मिनी, लखनऊ नगर क्षेत्रीय केंद्र, नए दिल्ली 110 082, भारत, नए दिल्ली 110 082, भारत, फ़ोन : +91 11-22502267, 22502268  
Regional Office : Coal Bhawan, Coal India Limited, 9<sup>th</sup> Floor, Plot No. AF-06, Action Area 1A, Newtown, Kolkata-700154. Tel. : 033-23246526 Fax : 033-23246525  
फ़ोन / ई-मेल : info@hurl.net.in 3098822 / Website : www.hurl.net.in



# Annexure-8 Continuous emissions Monitoring system tender document

	<b>AMMONIA UREA FERTILIZER PLANT HURL, GORAKHPUR</b> <b>NIT NO. : PNMM/5001/E/001</b> <b>AMENDMENT-3 Technical (Instrument), Date :03.03.17</b>	
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SL. NO	REFERENCE OF BIDDING DOCUMENT				AMENDMENT TYPE	MODIFICATION
	Part/Sec.	Page No.	Clause No.	Description as per NIT	M/D/A	
1	Section-5.4 Design Philosophy: Instrumentation	88 of 128	26.7 (d)	For steam tracing of instruments, copper tube & brass fittings shall be used,	M	SS tube & SS fittings shall be used for steam Tracing.
2	Section-5.4 Design Philosophy: Instrumentation	9 of 128	3.10	Material for MCT blocks/frames	A	Material of MCT blocks/frames shall be of SS316.
3	Part II /Sec: 5.4 GSTD-0003 GENERAL SPECIFICATION FOR STACK ANALYSERS	19 of 23	2.7.2 2.7.3.2	Unless specified otherwise a common ADSU shall be provided for all the stack analysers and related analyser shelters/rooms.  The ADSU data acquisition system shall be connected to shelter analyser and common stack analyser system console at control room	M	<p>ALL Gas analysers including stack analysers shall be placed in the analyser shelter only.</p> <p>ADSU as per GSTD-0003 of sec 5.4 is required.</p> <p>It shall have latest Console PCs with 22" TFT, COLOR, LED , one in shelter and one located in control room as per GSTD-0003 of sec 5.4</p> <p>Analizers for stacks and flue gas stack (SOX, NOX, SPM etc ) shall be supplied as per CPCB guidelines and shall comply with CPCB/STATE POLLUTION BOARD requirement. <u>Connectivity of these analyzers with CPCB/ STATE POLLUTION BOARD portal shall be in bidder's scope. Bidder shall supply required hardware and software for connecting these analyzer to the CPCB/PPCB portal with min. 20 % spare points for future use.</u> Analyzer shall have RS485/ Ethernet / Modbus connectivity.</p>

LEGEND:

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## Annexure 9: RAINWATER HARVESTING

The rain water collected from the roof of the permanent buildings shall be harvested for ground water recharge as a compensation to meet the requirement due to loss of permeable area promoting ground water recharge, maintenance of existing hydro-dynamic pattern of the area and to conserve the salinity of ground water in the area. The excess rainwater shall be sent to the trap through storm water drain and attempts shall be made not to mix any process waste with the storm water. The trap shall have two compartments, one consisting of sized boulders and the other, sized hard coke. The excess water from sized hard coke shall be collected in another tank before discharge in to natural drainage system. The drainage system of project area shall be aligned as per the existing natural drainage pattern of the area.

Rain water harvesting and recharging system shall be installed as per the relevant the central ground water board guidelines applicable for the area. The rain water harvesting/aquifer recharging system have been proposed as water conservation measure. The systems shall be installed at such location of the project area close to the Administrative building so as to facilitate collection of most of the rain water from the roofs of the building in the project area. Similarly, same system of rain water harvesting shall be implemented in the township.

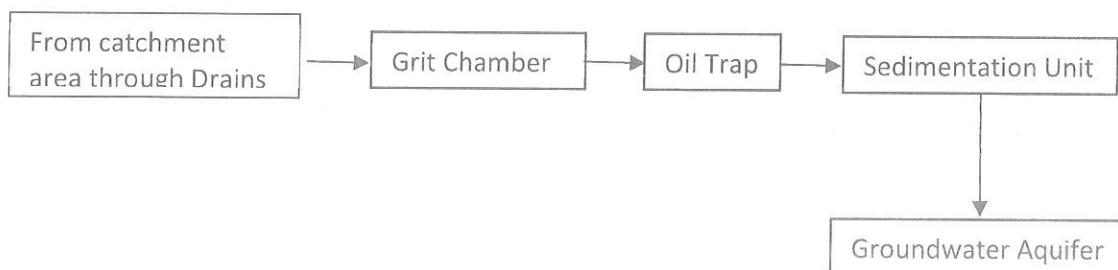
The bores shall be provided within 3 m deep enclosures, which will comprise layers of boulders, gravel and coarse sand so as to separate suspended matter from the rainwater. Three nos. of ground water recharging systems have been proposed to be developed in the township area and three nos. in the factory area. Rainwater harvesting system will consist of the following units:

1. Rainwater Collection System
2. Rainwater Filtration System
3. Rainwater Recharging Pond including an active well of depth 20m and dia 100-150mm.

The system will be cleaned during dry season and will be made ready to collect water for harvesting from its command area during monsoon. Provision shall also be made in the rainwater harvesting system for Chlorination/disinfection especially during the first phase of monsoon. The system shall be designed as per the guidelines for rainwater harvesting prepared by Central Ground Water Board (Ministry of Water Resources).

The scheme of rain water harvesting and aquifer recharging is presented below:

### Block Diagram for Proposed Rain Water Harvesting / Aquifer Recharging System



The rainwater harvesting system for the fertilizer plant will follow the guidelines laid out by different Departments/Ministries as far as possible.

- a) Guidelines on Artificial Recharge of Water, Central Water Ground Board, Ministry of Water Resources, GoI (2000);

- b) Manual on Artificial Recharge of Ground Water, Central Water Ground Board, Ministry of Water Resources, GoI (2007);
- c) Rain Water Harvesting and Conservation: Manual, Consultancy Services Organization, CPWD, GoI (2002);

The sizing of the rain water collection drains and sub-units including the harvesting pond shall be calculated depending upon the maximum rain intensity within 50 years and roof area of the building after finalization of the building design.



**Dr Adarsh Kumar**  
**Manager (E & QC)**  
**Hindustan Urvarak & Rasayan Ltd. (HURL)**  
**Admin Building, Fertilizer Township Gorakhpur**  
**PO-Fertilizer Factory, Dist. - Gorakhpur-273007**

## Annexure 10: ENVIRONMENTAL STATEMENT FOR THE PERIOD APRIL 2021 TO SEPTEMBER,2021

(Submitted as per Rule-14 of the Environment (Protection) Amendment Rules, 1993 of the Environment (Protection) Act, 1986 (29 of 1986) published vide Notification dated 22.04.1993-G.S.R. 386(E) in the Gazette of India (Extraordinary) Part-II Section-3 Subsection (i). No.155 dated 28.04.1993 by the Ministry of Environment and Forests, Government of India: read with the Notification dated 13.02.1993 G.S.R. 329 (E) of the Gazette of India (Extraordinary) Part-II Section-3 Subsection (i) No. 120 dated 13-03-1993)

"FORM - V"  
(See Rule 14)  
PART-A

### GENERAL INFORMATION

1. Company Name: Hindustan Urvarak & Rasayan Limited
2. Occupier's Name: Hindustan Urvarak & Rasayan Limited
3. Registered Office of the Company: Core-4, 9<sup>th</sup> Floor, SCOPE Minar,  
Laxmi Nagar District Centre, New Delhi - 110092,  
Tel.: 011-22502267
4. Factory Address: Hindustan Urvarak & Rasayan Ltd. (HURL)  
Admin Building, Fertilizer Township Gorakhpur  
PO-Fertilizer Factory, Dist. - Gorakhpur-273007  
Tel – 0551-2980206
5. Production capacity: Ammonia- 2200 MTPD  
Urea-3850 MTPD
6. Establishment Year: Hindustan Urvarak & Rasayan Limited (HURL) was  
Incorporated on 15th June, 2016 as joint venture  
Company by CIL, NTPC, IOCL as the lead  
promoters with HFCL & FCIL as two other partners.
7. Date of Last Environmental:  
Statement submitted 13-08-2021.

### PART - B

#### Water and Raw Materials Consumption

(1) Water consumption m<sup>3</sup>/d. 26400 cum/day (Total Water Requirement)

Process : NA  
Cooling : NA  
Construction : .....

(Plant is in construction stage and is scheduled to be commissioned by January-February 2022)

(2) Raw Material Consumption - NA

* Nature of consumption	Process Raw Material Consumption per unit of product output		
	Quality of product	During the previous financial year	During the current financial year
	-	-	-
	-	-	-
	-	-	-

(Plant is in construction stage and its schedule commissioning date is expected in January-February 2022)

\* Industry may use codes if disclosing details of raw materials would violate contractual obligations, otherwise all industries have to name the raw materials used.

PART - C

Pollution discharged to environment/unit of output.

(Parameter as specified in the consent issued)

Pollutants	Quantity of pollutants discharged (mass/day)	Concentration of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water	Nil	NA	NA
(b) Air	NA	NA. However, Ambient Air Quality Monitoring data near construction site is attached as Annexure-1	Within prescribed standards (24/8/1 hourly Avg.)

STACK EMISSION TEST:

As the Plant is in under construction phase there is no source point of emission. M/s UPPCL is supplying uninterrupted construction power for plant construction work.

PART - D

HAZARDOUS WASTES

(As specified under Hazardous Wastes/Management and Handling Rules 1989)

Hazardous Wastes	Total Quantity (kg)	
	During the previous financial year	During the current financial year
(a) From process	NA	NA
(b) From pollution control facilities	Nil	Nil

(As the plant is in construction phase, there is no generation of hazardous waste as of now.)

PART - E

## SOLID WASTE

	Total Quantity	
	During the previous financial year	During the current financial year
a) From process	-	-
b) From pollution control facilities	-	-
c) Quantity recycled or reutilized within the Unit.	-	-
d) Sold	-	-
e) Disposed	-	-

(As the plant is in construction phase, there is no generation of solid waste as of now.)

### PART - F

Please specify the characterizations (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

HURL Gorakhpur fertilizer plant is in construction stage and its schedule commissioning is expected in January-February 2022. Therefore, there is no generation of hazardous waste as of now. However, HURL has adopted waste management plan conforming to different national and local regulations. Waste categorization will be in line such as hazardous waste, E-wastes, Used Batteries, Nonhazardous Solid waste, Solid wastes (biodegradable) etc. and disposal will be done as per regulation during plant operation phase.

### PART - G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

HURL Gorakhpur fertilizer plant is in construction stage and its schedule commissioning is expected in January-February 2022. However, HURL is monitoring parameters such as groundwater,

surface water and ambient air quality within the plant premises and also outside premise as per EC norms.

### PART - H

Additional measures/investment proposed for environmental protection including abatement of pollution, prevention of pollution.

HURL Gorakhpur fertilizer plant is in construction stage and its schedule commissioning is expected in January-February 2022.

Some of the measures taken in this project are mentioned below:

- Plant will be based on zero discharge concept i.e. all effluent water will be treated and reused.
- Continuous monitoring of particulate matter, NO<sub>x</sub> & SO<sub>x</sub> from all stack, particulate matter and NH<sub>3</sub> from Prilling Tower will be done to control emission as per norms.
- Installation of gas detectors at different locations will be installed to check fugitive emissions.



PART - I

Any other particulars in respect of environment protection and abatement of pollution.

HURL Gorakhpur fertilizer plant is in construction stage and its schedule commissioning is expected in January-February 2022.

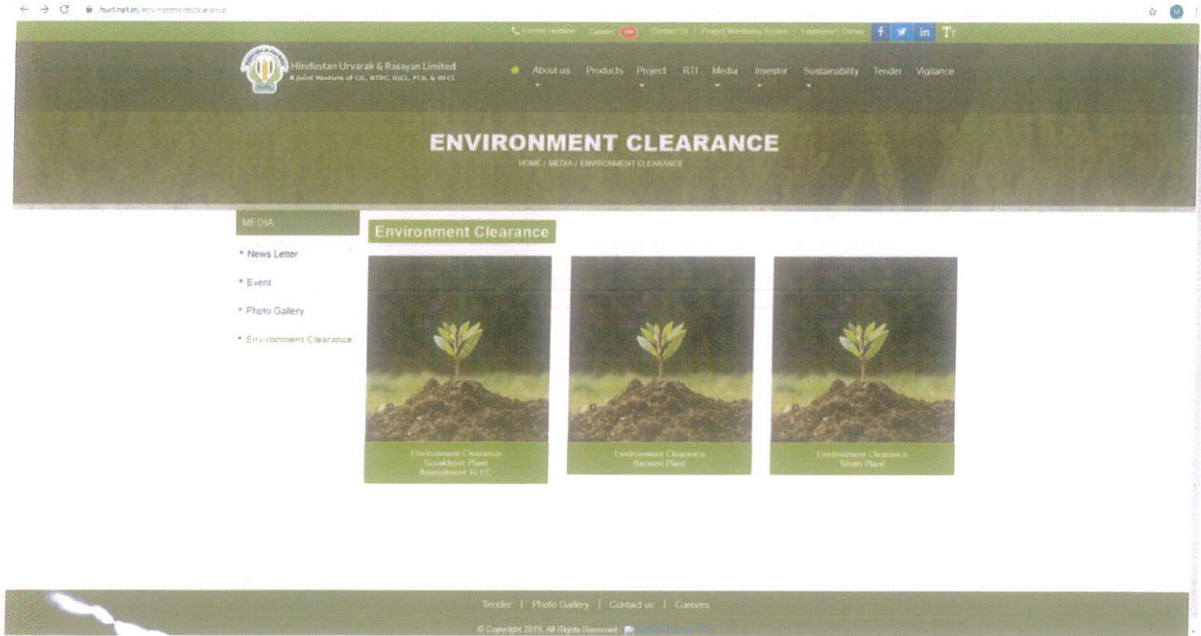
Plant is based on natural gas as a raw material with state-of-the-art technology to minimize impact on surrounding environment. As per environment management plan (EMP) all pollution control measures are adopted as integral part of the plant in design stage itself. In order to minimize fugitive dust emission during construction phase, regular water sprinkling is being done at construction site. Workers and manpower at site are provided with PPE kit during working hours. Health check-up of work-force is being done on regular basis through a Doctor in the dispensary at site.



**Dr Adarsh Kumar  
Manager (E & QC)**

**Hindustan Urvarak & Rasayan Ltd. (HURL)  
Admin Building, Fertilizer Township Gorakhpur  
PO-Fertilizer Factory, Dist. - Gorakhpur-273007**

# Annexure 11 EC Public Notice



9/21/2017

Hindustan E paper



**हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड**  
(एकमातृसंस्था, आईसीआईएल, एफसीआईएल एवं एचएफसीएल का एक संयुक्त उद्यम)  
एचसीआईपीई भवन, कोर 2, नूतनी बस्ती,  
समी नगर गिरिद्वार, राँची, बिहार - 831002

**सार्वजनिक सूचना**

हिन्दुस्तान उर्वरक एवं रसायन लिमिटेड (एचयूआरएल- सीआईएल, आईसीआईएल, एफसीआईएल एवं एचएफसीएल का एक संयुक्त उद्यम) ने गोरखपुर, सिदरी बस्ती में 3 अमोनिया-यूरिया उर्वरक परियोजनाओं को स्थापित करने के लिए पर्यावरण, वन, जलवायु परिवर्तन मंत्रालय (एमओईएफसीसी), भारत सरकार, राँची बिहार से मंजूरी प्राप्त की है। इन परियोजनाओं का निर्माण पुराने फर्टिलाइजर कॉन्वेंशन ऑफ इंडिया (एफसीआईएल) हिन्दुस्तान फर्टिलाइजर कॉन्वेंशन लिमिटेड (एचएफसीएल) के अतिरिक्त संयंत्र परिसर की सीमा में पर पुनरुद्धार परियोजना के रूप में किया जाएगा जिसका विवरण निम्नवत है:

क्र.सं.	प्रस्तावित नए अमोनिया-यूरिया संयंत्र का स्थान	(एमओईएफसीसी) द्वारा पर्यावरण मंजूरी का पत्र संदर्भ
1.	पुराना एफसीआईएल संयंत्र परिसर, ताहसील गोरखपुर, जिला- गोरखपुर (उत्तर प्रदेश)	जे-11011/188/2016-IA II (I) दिनांक 31 जुलाई 2017
2.	पुराना एफसीआईएल संयंत्र परिसर, सिदरी, जिला- धनबाद (झारखण्ड)	जे-11011/194/2016-IA II (I) दिनांक 29 अगस्त 2017
3.	पुराना एचएफसीएल संयंत्र परिसर, बंसीनी, जिला- बेतुल (बिहार)	जे-11011/371/2016-IA II (I) दिनांक 29 अगस्त 2017

इस मंजूरी के अंतर्गत प्रत्येक परियोजना में औद्योगिक-2200 एमटीपीसी, यूरिया- : एमटीपीसी, अमोनिया- 20000 एमटी, सलो-40000 एमटी, 60 एमटीपीएच स्टीर (6+1) बैग भराई संयंत्र के साथ 02 मिलियन खाली बैग भंडारण व बरा बैग भंडारण- : एमटी शामिल है।

इस संदर्भ में स्वीकृति पत्र की प्रतियाँ (i) गोरखपुर उत्तर प्रदेश में प्रस्तावित नए संयंत्र के उत्तर प्रदेश प्रदूषण नियंत्रण बोर्ड, लखनऊ के पास और उसकी वेबसाइट [www.uppcb.gov.in](http://www.uppcb.gov.in) पर (ii) बंसीनी, बिहार में प्रस्तावित नए संयंत्र के लिए बिहार राज्य प्रदूषण नियंत्रण बोर्ड, काँपुर के पास और उसकी वेबसाइट [www.bhupcb.bhupcb.bih.nic.in](http://www.bhupcb.bih.nic.in) तथा (iii) सिदरी, झारखण्ड प्रस्तावित नए संयंत्र के लिए झारखण्ड राज्य प्रदूषण नियंत्रण बोर्ड, राँची के पास और उसकी वेबसाइट [www.jspcb.org](http://www.jspcb.org) पर उपलब्ध हैं। स्वीकृति पत्रों को एमओईएफसीसी वेबसाइट <http://moef.nic.in> तथा कंपनी की वेबसाइट [www.hurl.net.in](http://www.hurl.net.in) पर भी देखा जा सकता है। (इस उद्देश्य के लिए स्वीकृति की वैधानिक आवश्यकता के रूप में प्रकाशित किया गया है)।

परियोजना प्रबंधक (एचयूआर)

*Handwritten signature/initials*