

Format for filing up of compliance report

Name of the Project : Expansion & Modernization of Sir Ganga Ram Hospital (Phase-I) – Completed.
Completion Certificate enclosed.

Project Code : 4-1076/2012-RO(NZ)/1008

Clearance Letter No.: DPCC/SEIAA-SEAC/130/11/252 dt.13th Aug. 2012

Online Revised Proposal no.: IA/DL/NCP/75246/2018 date 27th Sept. 2018

Revised Clearance Letter No.: F.No.21-103/2018-IA-III date 27th Dec. 2018

Amendment in Environment Clearance vide Letter no.F.No.21-103/2018-IA-III dt.7th April 2020.

Environment Clearance No.SEIAA-D/C-436/C-372/2022 F.No.DPCC/SEIAA-IV/C-436/DL/2022/5434-5447 dated 31.01.2023

Period of Compliance Report : April 2024 to Sept. 2024

Progress Chart:

1. Construction of buildings B1, B5 & Allied Works has been awarded to M/s Tata Projects Ltd. date 04.10.2019 – Completed. Building Block B-5 cancelled.

PART A – SPECIFIC CONDITIONS :		
(i)	Consent to Establish / Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	“Consent to Operate” granted vide certificate no.G-44515 vide consent order no.DPCC/CMC/2024 /11475362 date of issue 22.10.2024 having validity from 8.8.2024 upto 7.8.2029 & “Consent to Establish” granted vide certificate no.G-31869 vide consent order no.DPCC/CMC/2023/9282061 date of issue 11.07.2023 having validity from 08.05.2023 upto 07.05.2025. Authorization under Biomedical Waste Management granted vide File no.DPCC/(11) (5) (01)/ 2024 /BMW/NST/ AUTH/77329875z date application no.11475413 of issue 22.10.2024 having valid upto 7.8.2029 (copy enclosed)
(ii)	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.	Complied.
(iii)	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	Complied. Approval letters enclosed.
Topography and natural drainage		
(iv)	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems	Complied.

	(SUDS) are allowed for maintaining the drainage pattern and to harvest rain water. Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	
Water requirement, conservation, rain water harvesting and Ground Water Recharge		
(v)	As proposed, fresh water requirement from DJB water shall not exceed 351.76 KLD (three connections) with prior permission.	Complied. Approval enclosed.
(vi)	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	Approval enclosed.
(vii)	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	ETP of 30 KLD (20 + 10 KLD) working at site record enclosed. STP of 1000 KLD existing working at site (sludge removing record enclosed). Ultrafiltration Plant installed at site & is operational. The water shall be used for flushing, cooling towers & horticulture etc. including MCD adjoining park.
(viii)	At least 20% of the open spaces as required by the local building bye-laws shall be provided. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Provisions have been made in the landscape design of building & tender.
(ix)	Installation of dual pipe for plumbing, supplying fresh water for drinking, cooking and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Noted for compliance. Provisions have been made in the design of buildings. Sanitary & plumbing fixtures procured for the project are all complies low flow of water.
(x)	Use of water saving devices/ fixtures (viz. low flow flushing systems, use of low flow faucets tap aerators etc.) for water conservation shall be incorporated in the building plan.	Provisions have been made in the design of buildings. Sanitary & plumbing fixtures procured for the project are all complies low flow of water.
(xi)	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Provisions are made in the design of buildings.
(xii)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Since the project is completed. Not applicable.
(xiii)	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. As proposed, 200 KL Rain Water Tank & 15 nos. of rain water harvesting recharge pits shall be provided for rain water harvesting after filtration as per CGWB guidelines.	Noted. We have already provided 12 nos. Rain water Harvesting pit and remaining 3 nos. Rain Water Harvesting Pits will be constructed around the proposed buildings. Also 200 KL rain water tank has been constructed and filter shall be installed to reuse the water.

(xiv)	As proposed, no ground water shall be used during construction phase of the project.	Since the project is completed. Not applicable.
(xv)	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from CGWA for any ground water abstraction or dewatering.	Since rocky area no dewatering was carried out.
Solid Waste Management		
(xvi)	The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastic Waste (Management) Rules, 2016 shall be followed.	MoU has been executed with an organization M/s Sai Enterprises, authorized by North DMC for garbage collection after segregation at source. Similarly for E-waste MoU has been entered with M/s Namo eWaste Management Ltd. authorized by HSPCB for e-waste, plastic waste, hazardous waste & batteries waste of which disposal certificate provided to SGRH.
(xvii)	Disposal of muck during construction phase shall 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.	Since the project is completed. Not applicable
(xviii)	Separate wet and dry bins must be provided in each unit at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. As proposed, 100 sqm area shall be provided for solid waste management within the premises which will include area for segregation, composting. The inert waste from project will be sent to dumping site.	Being followed. Wet garbage is being converted into compost by installing waste converter.
(xix)	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Since the project is completed. Not applicable.
(xx)	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	Since the project is completed. Not applicable.
(xxi)	A management plan for handling and disposal of biomedical wastes to the satisfaction of the State Pollution Control Board shall be drawn up in conformance to the Biomedical Waste Management Rules, 2016.	An MoU has been executed with an authorized organization M/s SMS Water Grace BMW P.L., authorized by DPCC who is having all the infrastructure for Biomedical Waste (Management, Handling) for operating & providing facility for collection, reception, treatment, storage, transportation and disposal etc.
(xxii)	Laboratory wastes shall be managed in accordance to the BMW Rules, 2016 and the Atomic Energy Commission regulations as applicable.	2 nos. ETP of 20 KLD and 10 KLD are working in the hospital. Test report at inlet & outlet enclosed. Another 10 KLD ETP installation is in progress for B-1 Block.
Sewage Treatment Plant		
(xxiii)	Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled / re-used for flushing, horticulture and HVAC	Report enclosed. The water shall be used for flushing, cooling towers & horticulture etc.

	makeup. No treated water shall be discharged to municipal drain.	
(xxiv)	No sewage or untreated effluent water would be discharged through storm water drain.	Untreated effluent being recycled as 1000 KLD existing STP is working at site.
(xxv)	The installation of the Sewerage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	Water testing report of STP Inlet & Outlet report enclosed.
(xxvi)	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	Complied. Report enclosed.
(xxvii)	The project proponents would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coliforms and other pathogenic bacteria.	Noted. As per attachment in point no.(xxv). Ultrafiltration Plant Test Report enclosed.
(xxviii)	The project proponents would commission, a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.	Noted for compliance.
Energy		
(xxix)	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC. Outdoor and common area lighting shall be LED. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelop, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.	Provision of providing & fixing of LED lights, solar water heating system for proposed building have been made. The building design has been approved from Ministry of Environment, Forest and Climate Change, various provisions of ECBC have already been considered in the design.
(xxx)	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs, TFL and LED shall be properly collected and disposed off/ sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	Being complied.
(xxxi)	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-law	1. Rooftop Solar Panels energy plant of 164 KWp has been installed over Multi Level Car Parking building.

	requirement, whichever is higher. Follow super ECBC requirement of ECBC 2017 and provide compliance report.	2. Rooftop Solar Panel Casualty Block - 60 Kwp 3. Building B-1 Block – 60 Kwp
(xxxii)	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	Solar water heater rooftop - i) Special Ward Block - 5000 LPD (2 nos.) ii) A & B Block - 5000 LPD (1 nos.) iii) Casualty Block - 5000 LPD (1 no.) iv) C&D Block - 3000 LPD (2 nos.) v) Building B-1 Block - 6000 LPD
(xxxiii)	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for atleast 20% of the construction material quality. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, compressed earth blocks, and other environment friendly materials. Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September 1999 and amended as on 27 th August, 2003 and 25 th January 2016. Ready mixed concrete must be used in building construction.	Since the project is completed. Not applicable.
(xxxiv)	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project shall be obtained.	Noted and certificate obtained from BSES.
(xxxv)	The project proponents will use gas based power generating standby systems. Subsequently on the request of Project Authorities, it is allowed to install Diesel based DG set for essential power supply.	The copy of approval letter date 7 th April 2020 enclosed.
Air Quality and Noise		
(xxxvi)	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (atleast 3 more height). Plastic/ tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Since the project is completed. Not applicable.
(xxxvii)	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	Since the project is completed. Not applicable.
(xxxviii)	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition	Since the project is completed. Not applicable.

	Waste Rules, 2016. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	
(xxxix)	The gaseous emissions from generator set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the generator sets to mitigate the noise pollution. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	Provision of adequate height has been made in all existing chimneys of DG's.
(xl)	For indoor air quality the ventilation provisions as per National Building Code of India.	Noted and complied by providing proper provision in the building.
(xli)	Ambient noise levels shall conform to silence zone standard both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/ SPCB.	Being complied. Test reports enclosed.
Green Cover		
(i)	As proposed, no tree will be cut. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should plantation of native species. The species with heavy foliage, board leaves and wide canopy cover are desirable. Water intensive and /or invasive species should not be used for landscaping. As proposed 16,165.942 sqm area shall be provided for green area development.	Noted & as planned and approved will be implemented.
Top Soil Preservation and Reuse		
(xlii)	Top soil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Not applicable.
Transport		
(xlili)	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria.	As per Site layout plan approval / master plan approval.
	<ul style="list-style-type: none"> Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. Traffic calming measures Proper design of entry and exit points. Parking norms as per local regulation 	Complied.
(xliv)	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is	Noted & further discussion with local bodies for traffic management as required are in progress and

	maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D. / competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	adequate measures have been taken for smooth flow of traffic. Some of the roads have been made one way and turnings have been closed. Security Guards provided by S.G.R.H. for controlling the traffic near the hospital Entry & Exit points. Traffic Police permission letter enclosed.
(xiv)	As proposed, adequate provision will be made for car /vehicle parking at the proposed project site. There shall also be adequate parking provisions for visitors so as not to disturb the traffic and allow smooth movement at the site.	We have already built Ground Floor + ten storied Multi Level Car Parking building to take care of car parking/ vehicles & cater to the requirement.
(xlv)	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 be operated only during non-peak hours.	Since the project is completed. Not applicable.
Environment Management Plan		
(xlvii)	An environmental management plan (EMP) as prepared and submitted alongwith Form I & IA shall be implemented to ensure compliance with the environmental conditions specified above. A dedicated Environment Monitoring Cell with defined functions and responsibility shall be put in place to implement the EMP. The environmental cell shall ensure that the environment infrastructure like Sewage Treatment Plant, Landscaping, Rain Water Harvesting, Energy efficiency and conservation, water efficiency and conservation, solid waste management, renewable energy etc. are kept operational and meet the required standards. The environmental cell shall also keep the record of environment monitoring and those related to the environment infrastructure.	Environment Management Cell comprising of following persons exist and ensures implementation of environment management plan – 1. Dr. (Brig.) S.Katoch, Director Medical - Chairperson 2. For fire & safety control – Col. Verghees, Dy. Director Administration (Member) 3. For Micro level environment control – Mr. Junaid DGM Housekeeping (Member) 4. For Macro level environment control – Mr. Satish Sharma Chief Sanitary Inspector (Member) 5. Air & Water Management and STP – Chief Engineer (Member) 6. Waste Management – Dr. Sudhakar Vira, Senior Medical Adm. Officer (Member)
Others		
(xlviii)	Provisions 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, mobile health care, crèche etc. The housing may being the form of temporary structure to be removed after the completion of the projects.	Since the project is completed. Not applicable.
(xlix)	A first aid room shall be provided in the project both during construction and operations of the project.	Since the project is completed. Not applicable.

(I)	The company shall draw up and implement corporate social Responsibility plan as per the Company's Act of 2013.	Copy of Corporate Social responsibility enclosed.
(II)	As per the Ministry's Office Memorandum F.No.2265/2017-IA.III dated 1 st May 2018, and proposed by the project proponent, an amount of Rs.1 Crore @1% of project cost shall be earmarked under Corporate Environment Responsibility(CER) for the activities such as providing Employment through self help groups, plantation, Agriculture, Social Initiatives, Road Development, Education and EMP measures. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.	Maintaining the North Delhi Municipal Park for public use in front side of hospital. Monthly expenditure approx. Rs.5.00 lakhs. For the six months period = Rs.30 lakhs. Complete expenditure incurred Rs.30 lakhs for putting granite cladding all over the boundary wall of public park to improve the ambiance of the environment. Public toilets in NDMC Park built & being maintained.
PART B - GENERAL CONDITIONS		
(i)	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries Centre and Collector's Office/ Tehsildar's office for 30 days.	Displayed. The copy of request letter to display is enclosed at the end.
(ii)	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.	Noted
(iii)	Officials from the Regional Office of MoEF&CC, Jaipur 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&CC shall be forwarded to the APCCF, Regional Office of MoEF&CC, Jaipur.	Complied.
(iv)	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Noted.
(v)	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 provision of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted
(vi)	All other statutory clearance such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained as applicable by project proponents from the respective competent authorities.	We have already obtained certificate of clearance from explosive attached, Delhi Fire Service & NOC from Airport Authority of India.
(vii)	These stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act,	Complied.

	1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	
(viii)	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Not applicable.
(ix)	The project proponent shall advertise in atleast 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 State Pollution Control Board and may also be seen on the website of the MoEF&CC at http://www.envfor.nic.in . The advertisement shall be made within Seven days from the date of receipt of the clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Lucknow.	The copy of advertisement published in Hindi & English are enclosed.
(x)	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.	Copy of letter addressed to Exec. Engineer, Karol Bagh North DMC enclosing environment clearance of project "Modernization of Sir Ganga Ram Hospital" from MoEF&CC for display on Notice Board.
(xi)	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&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM 2.5, PM10, SO2, NOx (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.	Since the project is completed. Not applicable.
6.	This issues with the approval of the Competent Authority.	

D.S. Yadav
Project Director
(Design & Construction)



DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
Kashmere Gate, Delhi 110006
(Visit us at <https://www.dpccocmms.nic.in>)



CONSENT ORDER

Certificate No. :G-44515

Name of the unit	:	SIR GANGA RAM HOSPITAL
Address	:	SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI, Health Care Facility, Delhi - 110060
Area	:	Non Industrial
Area Name	:	Health Care Facility
Consent Order No	:	DPCC/CMC/2024/11475362
Date of issue	:	22/10/2024
Product Name	:	[BEDS]
Product Capacity	:	174 Numbers/Day
Fuel Type	:	As Per Records C: As Per Records Q: As Per Records
Control Equipment	:	As Per Records
ETP Details	:	D.Capacity: 30 KLD Type: ETP(Bio-logical)
Stack Details	:	As Per Records AT: As Per Records H: As Per Records
Activity Name	:	Health Care Establishments having bed strength above 50 beds and connected or not connected to Sewer and without boiler (174 Bedded HCF)
Category	:	[RED]
Generator Set(s)	:	2250

This Consent to **Operate** is hereby granted under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 under **RED** Category. This consent is subjected to terms and conditions specified overleaf. **This is being issued with reference to your application id 11475362 valid from 08/08/2024 to 07/08/2029.**

Meghraj
Singh Rawat
Senior Environmental Engineer

Digitally signed by
Meghraj Singh Rawat
Date: 2024.10.22
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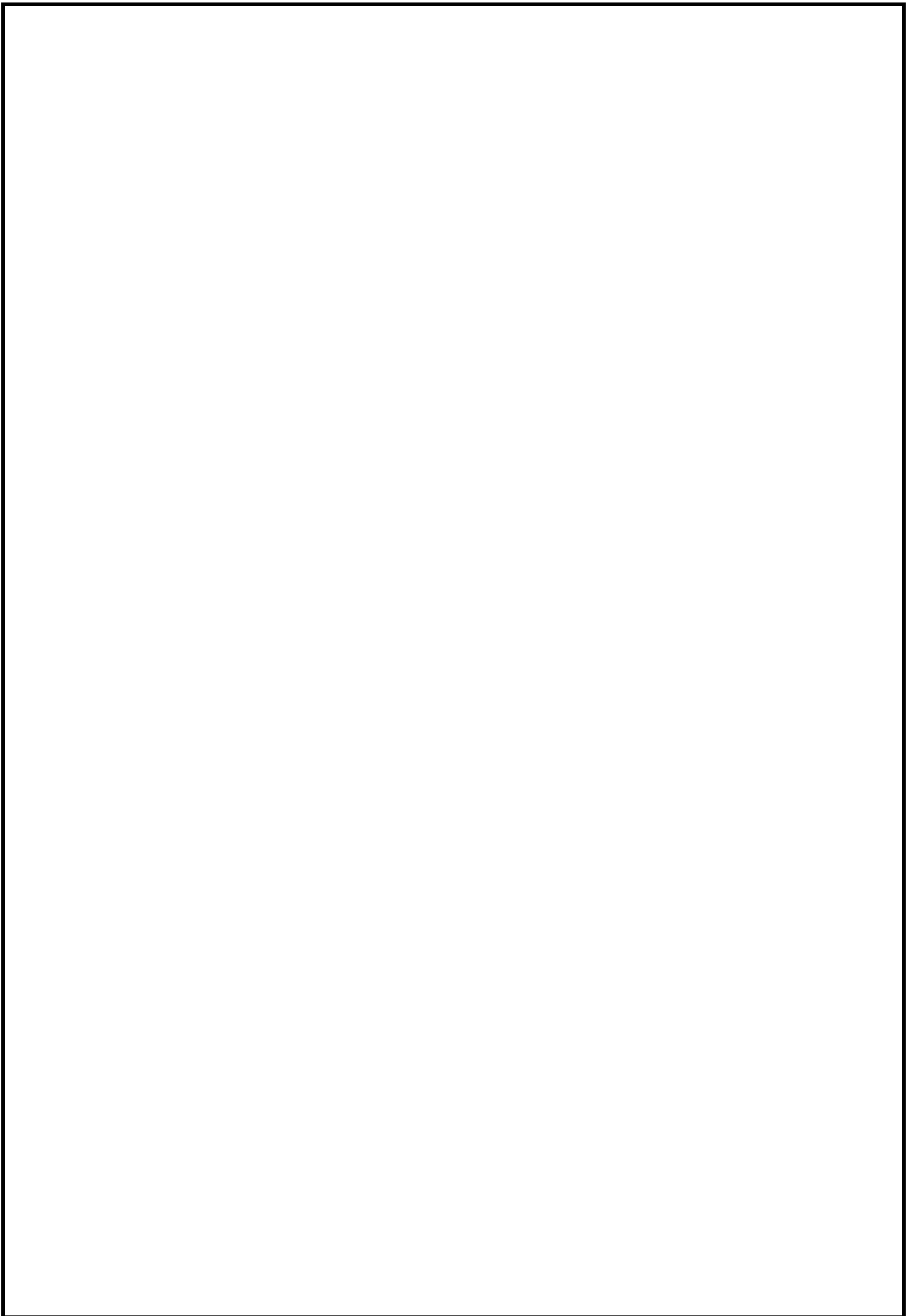
Terms and Conditions

1. The Consentee shall meet the effluent standards i.e. pH = 6.5 – 9.0, Suspended Solids = 100 mg/l, Oil and Grease = 10 mg/l, Bio-chemical Oxygen Demand (BOD) = 30 mg/l, Chemical Oxygen Demand (COD) = 250 mg/l, Bio-assay Test (Percentage survival of fish after 96 hours in 100% effluent) = 90-100 %.
2. The Consent is activity specific and based on the information provided in the consent application along with the subsequent documents/ information submitted to Delhi Pollution Control Committee (DPCC). The Consentee shall apply for fresh consent in case of any change in the activity/ manufacturing process.
3. The Consentee shall display the Name of the unit along with its Address, name of the Proprietor /Directors/ Partners etc., Contact Phone No(s) and its Activities/ Processes/ Products on a Display Board to be placed / fixed at the main gate of the unit.
4. The Consentee/ unit shall have/ take separate Electricity/ Power connection in its name and shall have/ install separate meter in this regard.
5. The Consentee shall provide and maintain a separate drainage system for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system and shall be connected to the conveyance system/ sewerage system of the area leading to the Common Effluent Treatment Plant of the Industrial Area/ Sewage Treatment Plant of the catchment area.
6. The Consentee shall obtain permission from Delhi Jal Board for ground water extraction, if any, as per the various orders/ Notification of Govt. of NCT of Delhi. The Consentee shall not extract the groundwater without obtaining prior permission in this regard from DJB/ CGWA. The Consentee shall ensure that there is no bore well in the premises and if exist, the same shall be closed/ sealed with immediate effect till permission received from DJB/ CGWA.
7. The Consentee shall ensure proper channelization/ control system for fugitive emissions generated from the various activities/ processes of the unit and maintain good housekeeping practices so as to maintain a clean & safe environment in and around the premises of the unit.
8. The Consentee shall comply with the noise standards laid down vide Gazette Notification of Ministry of Environment and Forest (MoEF), Government of India Dated 17.05.2002 & 12.07.2004, as amended to date, for the Diesel Generator Set(s) and shall also comply with the Emission Standards prescribed for Diesel Engines [(Engine rating more than 0.8 MW) for Power Plant, Generator Set applications and other requirements], if any, as per the Gazette Notification of MoEF, Dated 09.07.2002, as amended to date. Stack Height for sets (Engine rating more than 0.8 MW) commissioned after 01.07.2003 shall be maximum of following:
 - a). Minimum 6 metre above the building where generator set is installed
 - b). 30 metre
 - c). $14Q^{0.3}$ (Q- Total SO₂ emission from the plant in kg/hr) and for other DG Set(s) (upto 0.8 MW) stack height shall be as per the following formula, $H = h + 0.2(KVA)^{0.5}$ (H- Total Height of stack in metre, h = Height of the building in metres where the Generator Set is installed, KVA - Total Generator capacity of the set in KVA).
9. The Consentee needs to comply with the directions of CAQM (Commission for Air Quality Management In National Capital Region and Adjoining Areas) issued from time to time regarding Generator Sets, Graded Response Action Plan (GRAP) & other necessary directions if applicable.

10. The Consentee shall comply with the provisions of Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended to date, Bio-medical Waste Management Rules, 2016 as amended to date, Plastic Waste Management Rules, 2016 as amended to date, Battery Waste Management Rules, 2022 as amended to date, Solid Waste Management Rules, 2016 as amended to date, Construction and Demolition Waste Management Rules, 2016 as amended to date, E-Waste (Management) Rules, 2022 as amended to date, the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989, as amended to date, wherever applicable. All such wastes generated from the unit will be managed and handled as per the provisions of the said Rules and will be disposed off only through the Recycler/ Preprocessors/ Authorised Agencies for such wastes, authorised by MoEF/ Central Pollution Control Board/ State Pollution Control Board/ Committee/ DPCC as per details available on their websites.
11. The Consentee shall comply the other prescribed standards of Effluent/ Emissions as prescribed and as applicable under the provisions of the Environment (Protection) Act, 1986, as amended to date and the various Rules made there under including the Noise Pollution (Regulation and Control) Rules, 2000 as amended to date.
12. The Consentee shall promote the use of LED and recovery of mercury from CFL Lamps and should create a system of replacing old bulbs for new to enable recovery of mercury after the bulbs are fused.
13. Total water demand of the HCF is 89 KLD and the same will be met by fresh water from DJB. Trade Effluent generated from process, washings, cooling water blowdown, boiler blowdown, DM Plant/ Softening Plant Washings, other activity i.e. (15 KLD) will be treated in ETP of 30 KLD. Domestic wastewater generation will be 40 KLD and will be treated in STP of 1000 KLD. Wastewater generated will be treated in STP of 1000 KLD to meet prescribed standard as given the consent order.
14. Sludge from Effluent Treatment Plant shall be given to common bio-medical waste treatment facility for incineration or to hazardous waste treatment, storage and disposal facility for disposal.
15. The zero wastewater discharge condition to be achieved with installation of onsite Sewage Treatment Plant. Trade effluent shall conform to the norms and standards prescribed by Delhi Pollution Control Committee. The STP should be certified by an independent expert and a report in this regard should be submitted to Delhi Pollution Control Committee before the project is commissioned for operation. Necessary measures should be made to mitigate the odour problem from STP.
16. Quantity of Sewage/ trade effluent discharge from the unit shall not exceed Nil litre/day (100 % wastewater recycling and zero wastewater discharge).
17. The treated wastewater of STP shall be recycled and reused for horticulture/ landscaping/ cooling/ flushing purposes to reduce the demand of fresh water as committed.
18. The Project Proponent shall provide electromagnetic flow meter at the inlet and outlet of the water supply, inlet and outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for cooling, flushing and for horticulture purpose/ green etc. and shall maintain a record of readings of each such meter on daily basis.
19. The quantity of fresh water usage and water recycling shall be measured and recorded to monitor the water balance as projected by the Project Proponent. The record shall be submitted to the Delhi Pollution Control Committee on six monthly basis.

20. Capacities of the Diesel Generator Set(s) installed in the HCF are 2*2250 KVA. The Consentee shall properly maintain the Acoustic Enclosure/ Acoustic Treated room for DG Set(s) in good condition and maintain the adequate stack height for DG Set(s) to meet the prescribed standards/ norms as mentioned above. The Consentee shall not operate the DG Set(s) till compliance of the prescribed norms/standards for DG Sets.
21. The Consentee shall comply with the applicable provisions/ Directions given vide Gazette Notification of Department of Environment, Govt. of NCT of Delhi, dated 23.10.2012 including the directions that no person shall manufacture, import, store, sell or transport any kind of plastic carry bags (including that of PolyPropylene, Non-woven fabric type carry bags) in the whole of National Capital Territory of Delhi if applicable.
22. The Consentee shall provide widespread Green Cover and the use of Fly Ash as per Fly Ash notification dated 14.09.1999 shall be mandatory.
23. Project Proponent will ensure use of Ozone Depletion Substances (ODS) free appliances so that no toxic gases in air conditioning/ refrigeration/ fire extinguishers are created.
24. It will be the responsibility of the Project Proponent to obtain prior clearances/ approval and ensure compliances under all other relevant Acts/ Rules/ Regulations/ Guidelines/ Instructions/ Court Orders/ Tribunal Orders as applicable to this Health Care Facility (HCF).
25. The Consentee shall not carry out any activity falling under the Prohibited/ Negative list of Industries (Annexure III of MPD -2021) which are prohibited in National Capital Territory of Delhi, as per Master Plan of Delhi.
26. Unit shall implement the environmental safeguards as per stipulations in Environmental Clearance issued by SEIAA Delhi and shall submit a half yearly compliance report in respect of terms and conditions of Environmental Clearance to Regional Office of MoEF&CC and simultaneously to DPCC on the prescribed date.
27. The Consentee shall switch over its fuel to PNG fuel (wherever the PNG fuel pipeline supplied by IGL) with immediate effect and submit the compliance report within 30 days of issuance of this consent order.
28. The Consentee shall submit an application for extension of the Consent to Establish/ Consent to Operate under Water and Air Acts & Authorization under Bio-Medical Waste Management (BMWWM) Rules, 2016 one month in advance of the expiry date of this Consent Order/ date of start of operation of the HCF.
29. This consent is being granted focusing only on the Water Act 1974/ Air Act 1981. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD-2021, Building Control Regulations and Safety Regulations. The investment made in the project, if any, based on Consent so granted, in anticipation of the clearance from other statutory authorities shall be entirely at the cost and risk of the project proponent, DPCC shall not be responsible in this regard in any manner.
30. In the event of any information furnished by the Consentee found to be false OR in case of failure to comply with any of the above mentioned consent conditions, consent granted through this Consent Order shall be deemed to be revoked without any notice and necessary action as per law shall be taken, which may include closure of the unit and prosecution for wrong declaration.
31. Notwithstanding anything contained in this Consent Order. Delhi Pollution Control Committee, reserves its right to review any/ or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of enforcement of the Air (Prevention and Control of Pollution) Act, 1981, as amended to date and the Water (Prevention and Control of Pollution) Act, 1974, as amended to date.

32. The Consent granted to the Consentee is to ensure control of pollution from the premises of the unit in accordance with various Pollution Control Laws and in no way confers the right to the Consentee / unit to exist in violation of other laws and statutory provisions including the Master Plan of Delhi.
33. The Consentee shall ensure the safeguards as envisaged in Environmental Clearance issued to Sir Ganga Ram Hospital vide file no. DPCC/SEIAA-IV/C-436/DL/2022/5434-5447 dated 31.01.2023 including the dust control measures during the construction stage.
34. This Consent is granted with the condition that the HCF shall submit the Noise Monitoring Report (NMR) of all the Generator Sets, Stack Emission Monitoring Report of the Generator Sets within 60 days from the date of start of operation of the HCF.
35. The Consent to Operate is being issued as per the decision taken by the BMW Committee No. 2 in its meeting held on 11.10.2024.





DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
Kashmere Gate, Delhi 110006
(Visit us at <https://www.dpccocmms.nic.in>)



(AUTHORIZATION UNDER BIO MEDICAL WASTE MANAGEMENT RULES, 2016)

File number of authorization : DPCC/(11)(5)(01)/2024/BMW/NST/AUTH/77329875z

Application No: 11475413

Date:22/10/2024

1. M/s SIR GANGA RAM HOSPITAL an occupier of the facility located at SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI 110060 is hereby granted this authorization for Generation, Segregation, Collection, Storage, of Biomedical Waste at the premises and for Transportation, Treatment and Disposal of Bio-Medical Waste through Common Bio-Medical Waste Treatment Facility (CBMWTF) authorized by Delhi Pollution Control Committee.
2. **Number of beds of HCF : 174**
3. **Quantity of Biomedical waste handled : 151 (Kg/day)**
4. This authorization shall be in force for a period of Five Years and valid up to 07/08/2029.
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 under the Environment (Protection) Act, 1986.

Meghraj Singh Rawat
Digitally signed by Meghraj Singh Rawat
Date: 2024.10.22 17:19:34 +05'30'
Signature.....
Designation

-:-Terms and Conditions:-:-

1. The occupier shall comply with the provisions of Bio-Medical Waste Management Rules, 2016 as amended to date.
2. The occupier shall comply with the standards prescribed in Schedule-II of Bio-Medical Waste Management Rules, 2016 as amended to date for discharge of the Waste Waster/ Effluent generated or treated.
3. The authorization or its renewal shall be produced for inspection at the request of any officer authorized by DPCC.
4. This is the duty of the authorized person to take prior permission of the prescribed authority i.e Delhi Pollution Control Committee to close down the facility and such other terms and conditions may be stipulated by the prescribed authority.
5. It shall be ensured that the Bio-Medical Waste is finally treated within a period of 48 hours. If for any reason it becomes unavoidable, intimation should be given in writing to DPCC and measures are to be ensured so that the waste does not adversely affect human health and the environment.
6. The occupier shall ensure that bio-medical waste is not mixed with other wastes and is segregated into containers / bags at the point of generation in accordance with Schedule-I (part I).
7. The occupier shall have a valid agreement with the operator of a facility authorized by DPCC for

collection, transportation, treatment & disposal of the bio-medical waste.

8. The Occupier shall hand over the bio-medical waste timely to the authorized operator of a facility duly segregated, labelled, tagged and kept in proper containers for the collection, transportation, treatment & disposal as per Rules.

9. The occupier shall inform the prescribed authority immediately in case the operator of facility does not collect the bio medical waste with in the intended time or as per the agreed time.

10. The occupier shall maintain records of the Bio-Medical Waste generated and disposed of/ handed over to the authorized operator of a facility (CBWTF). The record shall be made available, for inspection & verification, to any officer authorized by DPCC. The records shall be maintained for the period of 5 years in accordance with these rules and guidelines issued by Central Government or the Central Pollution Control Board or the prescribed authority as the case may be.

11. The Occupier shall also ensure proper collection and disposal of bio-medical waste containing mercury through the vendor authorize for the purpose. The occupier shall phase out mercury based equipment e.g. thermometers and B.P. Measuring Equipment.

12. In case of any major accident involving Bio-Medical Waste, the occupier shall report the accident in Form-I, prescribed under the Rules, to DPCC.

13. The Occupier shall pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilization on-site in the manner as prescribed by the World Health Organization (WHO) or National AIDs Control Organization (NACO) guidelines and then sent to the common bio-medical waste treatment facility for final disposal.

14. The Occupier is required to display the authorization at a prominent place in its premises for view of general public.

15. The Occupier shall use only non-chlorinated plastic bags & gloves as per Notification dated 16th March, 2018 published by MOEF&CC.

16. The Occupier shall establish a Bar-Code System for bags or containers containing bio-medical waste to be sent out of the premises for the further treatment & disposal in accordance with the guidelines issued by CPCB.

17. The Occupier shall ensure segregation of liquid chemical waste at source and ensure pre-treatment or neutralization prior to mixing with other generated effluent from HCF, if any.

18. The Occupier shall immunise all its health care workers and others, involved in handling of bio-medical waste for protection against diseases including Hepatitis-B & Tetanus that are likely to be transmitted by handling of bio-medical waste, in the manner as prescribed in the National Immunization Policy or the guidelines of the Ministry of Health & Family Welfare issued from time to time.

19. The Occupier shall ensure occupational safety of all its health care workers & others involved in handling of bio-medical waste by providing appropriate & adequate personal protective equipment.

20. The Occupier shall conduct health check-up at the time of induction & at least once in a year for all its health care workers others involved in handling of bio-medical waste & shall maintain records for the same.

21. The Occupier shall develop its own website by 15th March, 2020 and shall make available the annual report on its website.

22. The Occupier shall provide training to all its health care workers and others, involved in handling of bio-medical waste at the time of induction & thereafter at regular intervals & the details of training programmes conducted, number of personnel trained & number of personnel not undergone any training shall be provided in the Annual Report.

23. The Occupier shall submit the Annual Report in Form-IV by 30th June every year, including information about the categories and quantities of bio-medical waste generated from 1st January to 31st December of the preceding year.

24. The Occupier shall submit the copy of fresh valid agreement with CBWTF to this office within 15 days of expiry of previous agreement or in case of any change.

25. In case the Occupier is having a Generator Set, he shall comply with the noise standards laid down vide Gazette Notification of Ministry of Environment, Forest & Climate Change (MoEF&CC), Government of India Dated 17.05.2002 and 12.07.2004, as amended to date, for the Diesel Generator Set(s) and shall also comply with the Emission Standards prescribed for Diesel Engines [(Engine rating more than 0.8 MW) for Power Plant, Generator Set applications and other requirements], if any, as per the Gazette Notification of MOEF, Dated 09.07.2002, as amended to date.

Stack Height for Generator Sets (Engine rating more than 0.8 MW) commissioned after 01.07.2003 shall be maximum of following:

a. Minimum 6 meter above the building where generator set is installed

b. 30 meter

c. $14Q^{0.3}$ (Q- Total SO₂ emission from the plant in kg/hr) and for other DG Set(s)

(upto 0.8 MW) stack height shall be as per the following formula, $H = h + 0.2(KVA)^{0.5}$ (H- Total Height of stack in meter , h = Height of the building in meters where the Generator Set is installed, KVA is capacity of Generator set in KVA).

26. The Occupier needs to comply with the directions of CAQM (Commission for Air Quality Management In National Capital Region and Adjoining Areas) issued from time to time regarding Generator Sets, Graded Response Action Plan (GRAP) & other necessary directions if applicable.

27. The Occupier shall comply with the provisions of Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 as amended to date, Bio-medical Waste Management Rules, 2016 as amended to date, Plastic Waste Management Rules, 2016 as amended to date, Battery Waste Management Rules, 2022 as amended to date, Solid Waste Management Rules, 2016 as amended to date, Construction and Demolition Waste Management Rules, 2016 as amended to date, E-Waste (Management) Rules, 2022 as amended to date, the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989, as amended to date, wherever applicable. All such wastes generated from the unit will be managed and handled as per the provisions of the said Rules and will be disposed off only through the Recycler/ Preprocessors/ Authorised Agencies for such wastes, authorised by MoEF/ Central Pollution Control Board/ State Pollution Control Board/ Committee/ DPCC as per details available on their websites.

28. The Occupier shall comply the other prescribed standards of Effluent/ Emissions as prescribed and as applicable under the provisions of the Environment (Protection) Act, 1986, as amended to date and the various Rules made there under including the Noise Pollution (Regulation and Control) Rules, 2000 as amended to date.

29. Submission of false information shall make the authorization liable for cancellation without any notice.

30. The Occupier shall use only Piped Natural Gas (PNG) as fuel in boilers, if any.

31. In case of violation of any of above said conditions, penal action will be initiated against the Occupier including withdrawal of authorization/consent etc.

32. In case of failure to comply with any of the above conditions and / or with any provision of the Act or of these Rules, authorization issued to the Occupier may be suspended or cancelled as per the provisions under sub-rule 10 (2) of Bio- Medical Waste Management Rules, 2016, as amended to date.

33. It will be the responsibility of the Occupier to obtain prior clearances/ approval and ensure compliances under all other relevant Acts/ Rules/ Regulations/ Guidelines/ Instructions/ Court Orders/ Tribunal Orders as applicable to this Health Care Facility (HCF).

34. Please note that the issuance of authorization shall not be construed in any manner whatsoever that you are legitimately operating your Health Care Establishment with respect to other statutory requirements viz- local land use, Master Plan of Delhi, etc.

35. The authorization is subject to the condition that you are operating as per the provision of Master Plan of Delhi, 2021.

36. The Occupier shall ensure treatment and disposal of the entire effluent/liquid waste generated from the

HCF in accordance with the provisions under the Water (Prevention and Control of Pollution) Act, 1974 and shall meet the standards prescribed by Delhi Pollution Control Committee. The Occupier shall also ensure the maximum re-use of the treated effluent for various purposes e.g. gardening, flushing, cooling, etc.

37. If the Occupier is having laundry facility and/or not connected to the public sewer, the Occupier is required to install requisite treatment system before its discharge to meet the standards as prescribed under BMWM Rules, 2016.

38. Sludge from Effluent Treatment Plant shall be given to common bio-medical waste treatment facility for incineration or to hazardous waste treatment, storage and disposal facility for disposal.

39. The occupier shall apply for renewal of authorization under the aforementioned Rules before one month of the expiry of this authorization.

40. The occupier shall apply for fresh Authorization in case of any change/ alteration in the activity/number of beds etc.

41. Environmental Compensation imposed (if any) shall be dealt separately.

42. This Authorization is granted with the condition that the HCF shall submit the Noise Monitoring Report (NMR) of all the Generator Sets, Stack Emission Monitoring Report of the Generator Sets within 60 days from the date of start of operation of the HCF.

43. The Authorization is being issued as per the decision taken by the BMW Committee No. 2 in its meeting held on 11.10.2024.

To,

**SIR GANGA RAM HOSPITAL
SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI
110060**





DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
Kashmere Gate, Delhi 110006
(Visit us at <https://www.dpccocmms.nic.in>)



CONSENT ORDER

Certificate No. :G-31869

Name of the unit	:	Sir Ganga Ram Hospital
Address	:	“Sir Ganga Ram Hospital” at Sir Ganga Ram Marg, Rajinder Nagar, New Delhi-110060, Health Care Facility, Delhi - 110060
Consent Order No	:	DPCC/CMC/2023/9282061
Date of issue	:	11/07/2023
Product/Activity	:	Health Care Establishments
Manufacturing Activities	:	Hospital (932 Bedded)
Category Name	:	[RED]
Prouct Capacity	:	0 Metric Tonnes/Day

This Consent to **Establish** is hereby granted under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 under **OTHER** Category. This consent is subjected to terms and conditions specified overleaf. **This is being issued with reference to your application id 9282061 valid from 08/05/2023 to 07/05/2025.**

PREM SWARUP
PANKAJ
Senior Environmental Engineer

Digitally signed by
PREM SWARUP PANKAJ
Date: 2023.07.11
12:19:26 +05'30'

Terms and Conditions

1. The Consentee shall meet the effluent prescribed standards i.e. pH= 6.5-9, Total Suspended Solids (TSS) 100, Biochemical Oxygen Demand (3 days at 27 degree Cent.) 30, COD 250, Oil and Grease 10, Bio Assay Test (Present survival of fish after 96 hours in 100% effluent) = 90-100 %.
All effluent parameters are in mg/l except pH value & Bio-assay test value.
2. The Consent is activity specific and based on the information provided in the consent application along with the documents/ subsequent documents/ information submitted to Delhi Pollution Control Committee (DPCC). The Consentee shall apply for fresh consent in case of any change in the activity/ process.
3. The Consentee/ unit shall have/ take separate Electricity/ Power connection in its name and shall have/ install separate meters in this regard.
4. The Consentee shall display the Name of the unit/ HCF along with its Address, Name of the proprietor/ directors/ partners etc., Contact Phone No(s) and its Activities Processes/ Product etc., on a Display Board to be placed/ fixed at the main gate of the unit.
5. The Consentee shall provide and maintain a separate drainage system for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system and shall be connected to the conveyance system/ sewerage system of the area leading to the Common Effluent Treatment Plant of the Industrial Area/ Sewage Treatment Plant of the catchment area.
6. The Consentee shall obtain permission from Delhi Jal Board for ground water extraction, if any, as per the various orders/ Notification of Govt. of NCT of Delhi.
7. The Consentee shall ensure proper channelization/ control system for fugitive emissions generated from the various activities/ processes of the unit and maintain good housekeeping practices so as to maintain a clean & safe environment in and around the premises of the unit.
8. The Consentee shall comply with the noise standards laid down vide Gazette notification of Ministry of Environment and Forest (MoEF), Government of India Dated 17.05.2002 & 12.07.2004, as amended to date, for the Diesel Generator Set(s) and shall also comply with the Emission Standards prescribed for Diesel Engines [(Engine rating more than 0.8 MW) for Power Plant, Generator Set applications and other requirements], if any, as per the Gazette Notification of MoEF, Dated 09.07.2002, as amended to date. Stack Height for sets (Engine rating more than 0.8 MW) commissioned after 01.07.2003 shall be maximum of following:-
 - (i) Minimum 6 meter above the building where generator set is installed
 - (ii) 30 meter
 - (iii) $14Q^{0.3}$ (Total SO₂ emission from the plant in kg/hr) and for other DG Set(s) (up to 0.8 MW) stack height shall be as per the following formula, $H = h + 0.2 (KVA)^{0.5}$ (H-Total Height of stack in meter , h = Height of the building in meters where the Generator Set is installed, KVA -Total Generator capacity of the set in KVA).
9. The Consentee shall comply with the provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, as amended to date, the Batteries (Management and Handling) Rules, 2001 as amended to date, Solid Waste Management Rules, 2016 and E-Waste (Management) Rules, 2016, the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989, as amended to date,

wherever applicable. All such wastes generated from the unit will be managed and handled as per the provisions of the said Rules and will be disposed only through the Recycler/ Preprocessors/ Authorized Agencies for such wastes, authorized by MoEF/ Central Pollution Control Board/ State Pollution Control Board/ Committee/ DPCC as per details available on their websites.

10. The Consentee shall comply with the provisions of the Plastic Waste Management Rules, 2016 as amended to date, if applicable.

11. The Consentee shall comply the other prescribed standards of Effluent/ Emissions as prescribed and as applicable under the provisions of the Environment (Protection) Act, 1986, as amended to date and the various Rules made there under including the Noise Pollution (Regulation and Control) Rules, 2000 as amended to date.

12. The Consentee shall promote the use of LEDs and recovery of mercury from CFL Lamps and should create a system of replacing old bulbs for new to enable recovery of mercury after the bulbs are fused.

13. The Consentee shall not carry out any activity falling under the Prohibited/ Negative list of Industries (Annexure III of MPD-2021) which are prohibited in National Capital Territory of Delhi, as per Master Plan of Delhi.

14. During operational phase, total water demand of the project is expected to be approx. 1090 KLD (DJB, ground water). Wastewater generated from clinical activity 14 KLD will be treated in proposed ETP of 30 KLD & Domestic wastewater generation 502 KLD and will be treated in proposed STP of 1000 KLD. Treated wastewater will be used for flushing, landscaping, DG cooling & HVAC cooling during Non-COVID period & during COVID period it will be discharged to municipal sewer as per CPCB guidelines.

15. The zero waste water discharge condition to be achieved with installation of onsite Sewage Treatment Plant. Trade effluent shall conform to the norms and standards prescribed by Delhi Pollution Control Committee. The STP should be certified by an independent expert and a report in this regard should be submitted to Delhi Pollution Control Committee before the project is commissioned for operation. Necessary measures should be made to mitigate the odour problem from STP.

16. The treated wastewater shall be recycled and reused for Horticulture/ landscaping/ cooling/ flushing purposes to reduce the demand of fresh water as committed.

17. The project proponent shall provide electromagnetic flow meter at the inlet and outlet of the water supply, Inlet and outlet of the STP and any pipeline to be used for re-using the treated wastewater back into the system for cooling, flushing and for horticulture purpose/green etc. and shall maintain a record of readings of each such meter on daily basis.

18. The quantity of fresh water usage and water recycling shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Delhi Pollution Control Committee on six monthly basis.

19. Capacity of the Diesel Generator Set(s) proposed to install in the unit shall be 3*625 KVA, 2*1875 KVA, 2*2000 KVA & 2*2250 KVA. The Consentee shall provide and maintain the Acoustic Enclosure/ Acoustic Treated room for DG Set(s) in good condition and provide the adequate stack height for DG Set(s) to meet the prescribed standards/ norms. The Consentee shall not operate the DG Set(s) till compliance of

the prescribed norms/standards for DG Sets. The D.G. Sets installed for construction purposes shall also comply with the prescribed norms/standards.

20. The Consentee shall comply with the applicable provisions/ Directions given vide Gazette Notification of Department of Environment, Govt. of NCT of Delhi, dated 23.10.2012 including the directions that no person shall manufacture, import, store, sell or transport any kind of plastic carry bags (including that of PolyPropylene, Non-woven fabric type carry bags) in the whole of National Capital Territory of Delhi.

21. The Consentee shall provide widespread Green Cover and the use of Fly Ash as per Fly Ash notification dated 14.09.1999 shall be mandatory.

22. Project Proponent will ensure use of Ozone Depletion Substances (ODS) free appliances so that no toxic gases in air conditioning/ refrigeration/ fire extinguishers are created.

23. During the construction Phase for control of dust pollution all precautionary measures should be ensured in compliance with Hon'ble National Green Tribunal order dated 04.12.2014 and 10.04.2015 in O.A. No. 21 c of 2014 and O.A. No. 95 of 2014 in the matter of Vardhman Kaushik Vs. Union India and other and Sanjay Kulshreshtha Vs. Union of India and Ors. and as notified by MoEF&CC, GOI vide Notification no. G.S.R. 94(E) dated 25.01.2018.

24. It will be the responsibility of the project proponent to obtain prior clearances/ approval and ensure compliances under all other relevant Acts/ Rules/ Regulations/ guidelines/ instructions/ Court Orders/ Tribunal Orders as applicable to this project before starting of the project.

25. The Consentee shall comply with the provisions of Solid Waste Management Rules, 2016.

26. Unit shall implement the environmental safeguards as per stipulations in Environmental Clearance issued by MoEF and CC, Govt. of India Delhi and shall submit half yearly compliance report in respect of the terms and conditions of Environmental Clearance to Regional Office of MoEF and simultaneously to DPCC on the prescribed date.

27. The Consentee shall not extract the GroundWater without obtaining prior permission in this regard from DJB / CGWA. The Consentee shall ensure that there is no bore well in the premises and if exist, the same shall be closed / sealed with immediate effect till permission received from DJB / CGWA.

28. The Consentee shall submit an application for extension of the Consent / Consent to Operate, one month in advance of the expiry date of this Consent Order.

29. This consent is being granted focusing only on the Water Act 1974/ Air Act 1981. The project will be regulated by the concerned local Civic Authorities under the provisions of the relevant provisions of the extant MPD2021, Building Control Regulations and Safety Regulations. The investment made in the project, if any, based on Consent so granted, in anticipation of the clearance from other statutory authorities shall be entirely at the cost and risk of the project proponent DPCC shall not be responsible in this regard in any manner.

30. Project Proponent is allowed to run the pollution control devices and collect and test the data. The trial for these aforesaid purposes is permitted within the period of maximum three months from the date of completion. The Consentee shall give prior intimation, to DPCC, of the dates on which trial would start and

end. Thereafter Project Proponent shall apply for Consent to Operate along with requisite details and test reports to DPCC.

31. The Consentee shall abide by the Guideline on Environmental Management of Construction and Demolition (C&D) Waste and Guidelines on Dust Mitigation Measure in Handling Construction Material and C&D waste developed and published by CPCB available at www.cpcb.nic.in

32. The Consentee shall ensure the compliance of policy to be followed regarding operation of Ready Mix Concrete Plants (RMC Plants) issued vide office order No. DPCC/CMC I/RMC/2017/2596 to 2614 dated 27.12.2017 (available at DPCC website).

33. In the event of any information furnished by the Consentee found to be false OR in case of failure to comply with any of the above mentioned consent conditions, consent granted through this Consent Order shall be deemed to be revoked without any notice and necessary action as per law shall be taken, which may include closure of the unit and prosecution for wrong declaration.

34. Notwithstanding anything contained in this consent order. Delhi Pollution Control Committee, reserves its right to review any/ or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of enforcement of the Air (Prevention and Control of Pollution) Act, 1981, as amended to date and the Water (Prevention and Control of Pollution) Act, 1974, as amended to date.

35. The Consent granted to the Consentee is to ensure control of pollution from the premises of the unit in accordance with various Pollution Control Laws and in no way confers the right to the Consentee/ unit to exist in violation of other laws and statutory provisions including the Master Plan of Delhi.

36. This issue in view of the Office Order dated 12.04.2016 regarding processing of the Consent to Establish cases.

37. The Consentee shall display the enclosed template of Notice for Construction and Demolition Waste Management at the site.

38. Template for displaying notice w.r.t. condition no 37 to be displayed on board of size 6 feet X 4 feet. Background color- Yellow, Letters- Black.

NOTICE

(Construction and demolition waste management rule 2016)

The construction/Demolition site is authorized by... Vide file no... Dated.....

1. Name and Address with contact number of contractor/developer
2. Address of the site
3. Area/length
4. Date of initiation of the project (dd/mm/yy)
5. Scheduled completion date of the project (dd/mm/yy)
6. Details date of completion/disposal/clearing of the site (dd/mm/yy)
7. Estimated waste (TPD)
8. Total estimated waste (MT) for the entire project
9. Nature of waste (concrete/iron/plastic/soil) (TPD)
10. Material Generated Recycled Reused Disposed Sand ----- Concrete -----

11. Identified waste disposal site
12. Mode of utilization of waste (reuse/recycle/convertng to construction material)
13. Mode of disposal
14. Mode of handling and transportation (manual/mechanical/pneumatic)(by road/rail)
15. Dust mitigation measures at the site (water sprinkling/curtain/barrister)
16. Reason of delay in disposing waste (in any)
17. Accidents reported (in any) Name of Agency Owner Telephone number

**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT
AUTHORITY (SEIAA)-DELHI**

OFFICE OF DELHI POLLUTION CONTROL COMMITTEE
5th FLOOR, ISBT BUILDING, KASHMERE GATE, DELHI-110006

F.No. DPCC/SEIAA-IV/C-436/DL/2022/ 5434-5447

Dated: 31/01/2023

Environmental Clearance No.: SEIAA-D/ C-436/ EC-372/2022.

To,

**Sir Ganga Ram Trust Society,
M/s Sir Ganga Ram Hospital,
Purvi Marg, Rajendra Nagar New Delhi-110060
Email: sirgangaram123@gmail.com**

Sub:Amendment in Environment Clearance of "Sir Ganga Ram Hospital" at Sir Ganga Ram Marg, Rajinder Nagar, New Delhi 110060.

This has reference to your Proposal no. SIA/DL/MIS/294194/2022 submitted on 29.11.2022 on PARIVESH Portal for seeking Amendment in Environmental Clearance (EC) under Environmental Impact Assessment (EIA) Notification dated 14.09.2006 amended as on date for the **Amendment in Environment Clearance of "Sir Ganga Ram Hospital" at Sir Ganga Ram Marg, Rajinder Nagar, New Delhi-110060** and subsequent presentation given before the State Level Expert Appraisal Committee (SEAC) for seeking amendment in Environmental Clearance for subject cited project as required under the EIA Notification, 2006.

The Proposal is for grant of Amendment in Environment Clearance of "Sir Ganga Ram Hospital" at Sir Ganga Ram Marg, Rajinder Nagar, New Delhi-110060.

Environmental clearance was granted to the project vide letter no. 21-103/2018-IA.III dated 27.12.2018 for plot area 48422.35 sqm & built-up area 108188.079 sqm and again amendment in aforesaid Environmental Clearance was granted for specific condition para 5 No (xxxv) from MoEF&CC vide letter no. 21-103/2018-IA-III dated 07.04.2020.

Now, Project Proponent applied for Amendment in EC for the proposed project with same plot area i.e. 48422.15 sqm and decrease in built-up area from 1,08,188.079 sqm to 1,03,327.501 sqm.


The project was appraised by SEAC in its 121st Meeting held on 22.12.2022, based on the information furnished, documents shown & submitted, presentation made by the project proponent and SEAC recommended the case to SEIAA for grant of amendment of Environmental Clearance issued by MoEF&CC vide File no. 21-103/2018-IA-III on 27.12.2018.

The State Level Environment Impact Assessment Authority, Delhi (SEIAA-Delhi) in its 68th Meeting held on 13.01.2023 accorded amendment in Environmental Clearance (EC) to the above said project to the effect that plot area of the project will remain same i.e 48,422.35 sqm and total built up area shall be 1,03,327.501 sqm (MLCP - 42570.426 sqm, FAR to be Achieved- 60,757.075 sqm) and total solid waste generation will be 715 Kg/day (Bio Degradable 350 kg/day, Recyclable- 365 Kg/day) and Bio Medical Waste generation will be 1097 Kg/day and used oil of 132 L/month shall be collected in leak proof containers at isolated place and then it will be given to approved vendor of CPCB and Maximum height will be 45 m and parking provisions of 910 ECS (with the provisioning of the 30% of parking for the e-vehicles) shall be provided and efforts be made to achieve 10 % of power load through solar energy rest of the terms and conditions will remain same as per earlier EC dated 27.12.2018 and amendment of EC dated 07.04.2020.

The Amendment in Environmental Clearance accorded to M/s Sir Ganga Ram Hospital vide File no. 21-103/2018-IA.III on 27.12.2018, is hereby accorded by SEIAA- Delhi for 'Modernization of Sir Ganga Ram Hospital' at Sir Ganga Ram Hospital Marg, Rajinder Nagar, New Delhi.

Rest of the condition of Environment Clearance accorded by MoEF&CC to M/s Sir Ganga Ram Hospital vide File no. 21-103/2018-IA.III on 27.12.2018 and amendment of EC on 07.04.2020 by MoEF&CC, GoI will remain unchanged.

It will be the responsibility of the project proponent to obtain prior clearances/approval & ensure compliances under all other relevant Acts/ Rules/ Regulations/ guidelines/ instructions/Court Orders/Tribunal Orders as applicable to this project before starting of the project.


(K.S. Jayachandran)
Member Secretary, SEIAA- Delhi

Copy to:

1. Sh. Sarvagya Kumar Srivastava (Chairman, SEIAA), 370, Asiad Village Complex, Sirifort, New Delhi-110049
2. The Chairman (DPCC), Department of Environment, Govt. of NCT Delhi, Secretariat Building, 6th Level, C-Wing, I.P. Estate, New Delhi-02.
3. The Principal Secretary (Environment), Department of Environment, Govt. of NCT Delhi, Secretariat Building, 6th Level, C-Wing, I.P. Estate, New Delhi-02.
4. The Vice Chairman, DDA, Vikas Sadan, INA, New Delhi.
5. The Commissioner (Planning), DDA, Vikas Minar, IP Estate, New Delhi-110002.
6. The Chief Executive Officer (CEO), Delhi Jal Board, Varunalaya, Jhandewalan, New Delhi.
7. The Commissioner, Delhi Municipal Corporation, Dr. S.P.M. Civic Centre, JLN Marg, New Delhi-110002 .

8. The Deputy Commissioner of Police, New Delhi District, Sansad Marg, Police Colony, Connaught Place, New Delhi, Delhi 110001.
9. The Director, Fire Services, 101, Kashmere Market, Connaught Place, New Delhi, Delhi 110001
10. Deputy Director General of Forests (C), Ministry of Env., Forest and Climate Change, Integrated Regional Office, Jaipur , A-209&218, Aranya Bhawan, Mahatma Gandhi Road, Jhalana Institutional Area, Jaipur – 304002, Rajasthan
11. The Director, Impact Assessment Division, Monitoring Cell, Ministry of Environment, Forests & Climate Change, Govt. of India, Indira Paryavaran Bhawan, Jorbagh, New Delhi-110003.
12. The Member Secretary, Central Ground Water Authority, 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
13. Member Secretary, Delhi Pollution Control Committee, 5th Floor, ISBT Building Kashmere Gate, Delhi-110006



(K.S. Jayachandran)

Member Secretary, SEIAA- Delhi

CERTIFICATE OF STRUCTURAL SAFETY

(Chapter 2, Para 2.1.3 & 2.1.4)

(To be submitted by Structural Engineer)

The following certificate is to be submitted along with the building plans drawing while submitting the plans for obtaining building permission for Building No. **Addition/Alterations, Expansion of SIR GANGARAM HOSPITAL PHASE-I, Rajinder Nagar, New Delhi** on Plot no. **Sir Gangaram Hospital** situated at **SIR GANGARAM HOSPITAL, Rajinder Nagar, New Delhi - 110060**

- 1) Certified that the building plans submitted to the authority/ concerned local body shall be designed for safety requirements.
- 2) It is also certified that the structural design shall be based on National Building Code, including **safety from natural hazards**, based on soil conditions (as per Soil Investigation Report no. 211138 dated 20th July 2011 prepared by M/s Cengrs Geotechnica Pvt Ltd) will be taken into consideration and would be duly incorporated in structural drawings of the building to be constructed.

Encl: soil testing report.

Signature of Structural Engineer _____

Name of Structural Engineer Parmod Verma

Address of Structural Engineer CD-32, Pitampura, Delhi-110034

Date 08-06-2023

Parmod Verma Digitally signed
by Parmod Verma
Date: 2023.06.08
23:25:11 +05'30'

COUNTER SIGNED BY

Signature of Owner(s) _____

Name of Owner(s) _____

Address of Owner(s) **SIR GANGARAM HOSPITAL, RAJENDER NAGAR, NEW DELHI.**

Date _____


ROOPAK N. KOTHARI
Licenced Architect
CA/75/1377

SOUTH DELHI MUNICIPAL CORPORATION

Office Of The Executive Engineer (B) HQ

9th Floor, Dr. S. P. M. Civic Centre,

Minto Road, New Delhi - 110002



Structural Engineer Registration Certificate

License No: SE-75 (Online)

Dated: 18/01/2023

Shri / Smt. / Ms Parmod Verma S/o, W/o, D/o Sh. Darshan Lal R/o, CD-32, Vishakha Enclave, Pitam Pura, Delhi, Delhi - 110034 has been empanelled as a Structural Engineer. He / She has deposited the applicable fee as per policy of the Department on account of renewal of License for Structural Engineer through Online mode. This License will be valid up to 31/Dec/2023 in all three Municipal Corporations of Delhi for the above named Structural Engineer with the following competency:-

Structural Engineer :

1. To prepare the structure design, calculations and details for all buildings and supervision thereof.
2. In case of structural failure, the sole responsibility lies on the part of Structural Engineer and action can be initiated as per Law.

Penal Action :

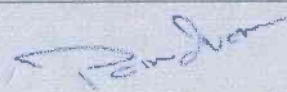
1. Penal action against defaulting Structural Engineer can be taken as per the provision of Unified Building Bye Laws of Union Territory of Delhi-2016.
2. The above Professional shall ensure compliance of relevant provisions of Building Bye Laws to be read with relevant Regulations applicable for the Licensing of Structural Engineer framed by three Municipal Corporations from time to time as well as Undertaking submitted by him at the time of registration / renewal.
3. The license is valid only for the purpose of building permits & supervision of construction, regularization cases and completion certificate cases only under the jurisdiction of South Delhi Municipal Corporation, North Delhi Municipal Corporation and East Delhi Municipal Corporation.

Executive Engineer (Bldg.) HQ
South Delhi Municipal Corporation

Disclaimer: The authenticity of this License can be verified at mcdonline.gov.in link below :

http://deptewb.mcd.gov.in:18080/mcd_townplanningweb/SERegistration.action?&loginType=CITIZEN


ROOPAK N. KOTHARI
Licenced Architect
CA/75/1377


Er. PARMOD VERMA
Structural Engineer
MCD Licence No. SE-75
CD-32, Vishakha Enclave
Pitampura, Delhi-110034
Mob. 9990802707



FORM- D1
(Chapter 2, Para 2.7.1/2.7.3)

COMPLETION CUM OCCUPANCY CERTIFICATE

Name Of the Authority Municipal Corporation Of Delhi

File No./Plan No. 10118228

Date 29/08/2024

To,
M/S. SIR GANGARAM HOSPITAL TRUST SOCIETY

With reference to your notice of completion dated 27/06/2024, I hereby certify that the building as per description below and certified plans of SIR GANGARAM HOSPITAL TRUST SOCIETY SIR GANGARAM HOSPITAL MARG RAJINDER NAGAR NEW DELHI whose LOP and Bldg. plans were sanctioned vide letter No. 10118228 dated and completion certificate as approved by DUAC/DFS and other statutory bodies, the NOC has been approved on 21/08/2024. The site has been inspected with reference to Building Bye-Laws, Master Plan Delhi provisions, hygienic and sanitary conditions inside and in the surroundings and is declared fit for occupation.

The approving authority approves Architectural Drawings/Development Control norms with respect to the Building Bye Laws and Master Plan provisions only. The technical drawings/documents submitted by the owner/consultant/Architect/Engineer/Structural Engineer/Landscape Architect /Urban Designer/Engineer for Utility Services are considered as part of the records/information supporting the building permit only. The responsibility of the correctness of information/application of technical provisions fully vests with the owner/consultant/ Architect/Engineer/Structural Engineer/Landscape Architect /Urban Designer/Engineer for Utility Services and shall be liable as per laws.

The structural stability of the building is based on the certificate given jointly by the Owner/Architect/Structural Engineer along with one set of Structural Drawings, incorporating therein the provisions of Structural Safety as specified in the relevant prevailing IS Codes/Standards/Guidelines stated in the Government of India Notification bearing No.SO-248(E) dated 21.3.2001 and clause 9.1, 9.2.1, 9.2.2 and Annexure VII of this Bye Laws.. For the fire-safety the same has been based on the clearance given by the Chief Fire Officer, Government of NCT of Delhi. The Authority/Local Body shall not have any responsibility for any loss caused to the building from any natural hazard / calamity.

Completion Certificate is issued for Plot No. GANGARAM HOSPIT as per enclosed drawings.

S.No	Floor	Remarks
1	Basement	Basement-1 & Basement-2 Lifts, lift lobbies, stairs, rooms for medical services, toilets, WC
2	Ground Floor	Ground Floor, First Floor, Second Floor, Third Floor - Lifts, lift lobbies, rooms for medical services, toilets, WC, stairs
3	First Floor	Fourth Floor, Services Floor between fourth and fifth floor - lifts, lift lobbies, stairs, toilets, rooms for medical services, toilets, WC, Refuge Area
4	First Floor	Fifth floor, sixth floor, seventh floor, eighth floor, ninth floor & Tenth Floor - lifts, lift lobbies, stairs, rooms for medical services, toilets, WC, Refuge area on sixth and Tenth Floor Mumty, machine rooms, water tanks etc.
5	Terrace	

6	Ground Floor	No entry found for any floors (*auto-approved case)
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Note:- Given Below is the remarks provided by concerned authority

"Released"

Yours Faithfully

Municipal Corporation Of Delhi


Signature Not Verified
Digitally signed by JAGAT
BHOOSHAN MEENA
Date: 2024.08.29 13:19:45 IST

Dated: 15.07.2024

FIRE SAFETY CERTIFICATE

Certified that the Hospital building Block B-1, at Gangaram Hospital Complex, Rajinder Nagar, New Delhi-110060, comprised of two level basements, ground plus ten upper floors and service floor, owned/occupied by Sir Gangaram Hospital Trust Society have complied with the fire prevention and fire safety requirements in accordance with Rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officer concerned of this department on dated 11.07.2024 in the presence of Sh. Devinder Kumar, JE (MCD) & Sh. D. S. Yadav, Project Director and found that the building is fit for **Occupancy Group "C" Institutional Building (Hospital)** with effect from 15.07.2024 for a period of **three years** in accordance with Rule 36 unless renewed under Rule 37 or sooner cancelled under Rule 40 and subject to compliance of the conditions under Rule 38 of the Delhi Fire Service Rules, 2010, subject to condition as mentioned below.

Issued on 15.07.2024 at New Delhi by


(Atul Garg)
Director

Delhi Fire Service

- Copy To:- 1. Sh. D. S. Yadav, Project Director, Gangaram Hospital Complex, Rajinder Nagar, New Delhi-110060.
2. Executive Engineer, Bldg, Municipal Corporation of Delhi, 7th Floor, Civic Centre, Mintto Road, New Delhi-110002.

Conditions for the validity of fire safety certificate is as under

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
6. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on www.dfs.delhigovt.nic.in.
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate in form J, six month prior to its expiry.

दिल्ली नगर कला आयोग
कोर-6ए, यूजी एवं प्रथम तल, भारत पर्यावास केंद्र,
लोधी रोड, नई दिल्ली-110003
(सांविधिक निकाय, आवासन और
शहरी कार्य मंत्रालय, भारत सरकार)



DELHI URBAN ART COMMISSION
CORE-6A, UG & FIRST FLOOR, INDIA HABITAT CENTRE
Lodhi Road, New Delhi-110003
(A Statutory Body of Ministry of
Housing and Urban Affairs, Govt. of India)

No. 49(23)/2024-DUAC
OL-09082449023
Request id : 10118228

August 21, 2024

कार्यपालक अभियंता (भवन) मुख्यालय,
दिल्ली नगर निगम, सिविक सेंटर,
मिंटो रोड, नई दिल्ली.

**विषय: Completion plans proposal in respect of Sir Ganga Ram Hospital building block
B-1 at Poorvi Marg, Rajinder Nagar.**

महोदय,

उक्त प्रस्ताव पर आयोग की दिनांक August 14, 2024 को आयोजित बैठक में विचार किया गया था। आयोग की प्रेक्षाएं तथा निर्णय इस प्रकार हैं :


"Decisions:

NOC for Completion (Block-1) accepted.

Observations:

1. The North-DMC forwarded (online) the proposal for consideration by the Commission.
2. The Commission approved the revised layout plans proposal for Sir Ganga Ram Hospital at its March 23, 2011 meeting. And approved the building plans proposal in respect of additions/alterations (Hospital Building Block B1-(2B+G+8 floors) and MLCP Block-(3B+G+10 floors) at its meeting held on March 21, 2014, specific observations were given.
3. The building plans proposal (Formal) for additions/alterations (additions of two floors over the existing Hospital block B-1(2B+G+8 floors)) was approved at its meeting held on November 2, 2023, and specific observations were given.
4. The Commission did not accept the Completion plan proposal (for Block B-1) at its meeting held on July 11, 2024, observations were given.
5. The building plans proposal for NOC for the Completion (Part for Hospital Building Block B-1), received online at the completion stage, was scrutinized along with the replies submitted by the architect in response to the previous observations of the Commission communicated vide DUAC Observation letter no: F.No.49(21)/2024-DUAC, OL-04072449021 dated 16.07.2024 including photographs, drawing/documentation etc. Based on the submission made, the proposal for NOC for Completion (Block B-1) is found to be accepted."

भवदीय,


(रुबी काशल)

Ruby Kaushal
सचिव/Secretary



दूरभाष PHONE : 24619593, 24616391, 24690821

ई-मेल E-MAIL : duac@gov.in, secy-duac@gov.in वेबसाइट WEBSITE : www.duac.org.in

No

Fill CAF for NOC

No

Fill CAF for NOC

No

Fill CAF for NOC

DJB Department

[Preview Document](#)

No

Fill CAF for NOC

No

Fill CAF for NOC

No

Fill CAF for NOC

No

Fill CAF for NOC

No

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No

Fill CAF for NOC

Assigned To

Status

Completed On

29/12/2023 18:18:57

DJB

Pending

12/01/2024 15:53:57

DJB

Approved

12/01/2024 15:53:57

Number

Draft Date

Bank Name

MICR Code

G8 Receipt No

Receipt

MULTI-CITY SB

11012024
DDMMYY

Pay Myself for NEFT/RTGS

या धारक को Or Bearer

Rupees रुपये Two crore ninety two lakh sixty nine thousand four hundred seventy three only अदा करें ₹ 292,69,473/-

खा सं. / A/c. No. 91112010076723

FOR SGRTS BANK ACCOUNT PROJECT

444959

"Payable at par at all our branches in India"

PAYEE'S A/C ONLY

[Signature] Radh
AUTHORISED SIGNATORIES

Please sign above

⑈444959⑈ 120015465⑈ 000435⑈ 31

Cheque Number	444959	Cheque Date	11012024
Remitter's Name	Sir Ganga Ram Hospital		
Address			
Mobile / Other Number			

Beneficiary's Name	DELHI JAL BOARD		
Account Number	510101006106802		
Reconfirm Account Number			
Bank Name	UNION BANK OF INDIA, KAROL BAGH		
IFSC Code (11 digit)	UBIN0902641		
Branch Address			
Sender to Receiver Information (if any)			

- Terms and Conditions**
- This transfer is valid for a single transaction.
 - The fund transfer will be governed by the Terms and Conditions given on our website www.canbank.com
 - Due care is taken while filling up the beneficiary account number & IFSC Code.
 - Transfer of an amount up to ₹ 49,999 in cash permissible using this facility.
 - Photo ID Proof to be given by non customer for cash payment above.
 - Please do not disclose your account details/Internet Banking, User ID and Passwords/ATM Debit Card/Credit Card/mobile banking/Personal Information to any person.
 - Do not fall prey to false promises, beware of dubious scheme.

Declaration

- I/we authorize Canara Bank to recover charges as may be applicable by debiting my account as mentioned above.
- I/we understand that as per the RBI Circular dated October 14, 2010, transfer of funds through electronic mode will be executed only on the basis of the account number of the beneficiary provided while initiating the transaction. Name will NOT be considered as a criteria for providing credit.
- I understand that this facility is available only at select locations and banks covered under Electronic Funds Transfer facility offered by RBI.

Customer Signature(s) *[Signature]* **FOR SGRTS BANK A/C PROJECT**

Name *[Signature]* **AUTHORISED SIGNATORY**

(Joint Applicant 1) (Joint Applicant 2)

Date 11/01/2024

Senior Manager
गंगाराम अस्पताल, नई दिल्ली - 110008
Gangaram Hospital, New Delhi - 110008

We acknowledge receipt of NEFT / RTGS instructions. Reference No. **CNRBR52024011171582416**

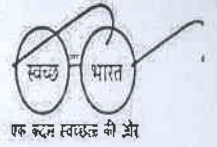
Branch Name and Signature of Bank Official *[Signature]* **Bank Seal**

With Date & Time of Request

NR 05/51/01/2024 Caution 11/01/2024 **UTR - CNRBR52024011171582416**



DELHI JAL BOARD: (GOVT. OF NCT OF DELHI)
OFFICE OF EXECUTIVE ENGINEER (M)-39
PRATAP NAGAR, NEW DELHI-110007



STOP CORONA (i) Wash your Hands (ii) Wear Mask (iii) Maintain Social Distance

No.DJBE.E.(M)-39/2023-24/ 678

Date:- 09/01/2024

To,

Mrs Sujata Sharma
Sir Ganga Ram Hospital
Sir Ganga Ram Marg
Rajinder Nagar, Karol Bagh
New Delhi

Subject: - Online building plan request ID 10117924 for approval of addition/ Alterations of scheme of water and Sewer of Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi

Ref: OBPS ID No-10117924 dated 29.12.2023

Old OBPS ID No- 10117852 dt. 19.12.2023 and 10117458 dt. 11.10.2023

Sir,


Reference plan request vide ID No. 10117924 on the subject mentioned above, the scheme of water and sewer is approved by DJB on the following terms and conditions.

The sewer connection is feasible from DJB 300 mm dia sewer line exists at Sir Ganga Ram Road and the water connection is feasible from DJB 300 mm dia water line exists in Ridge Forest

1. There is shortage of water availability, therefore water connection on completion stage will be sanction subject to technical feasibility and availability of water at that time
2. The assessment of water / sewer demand & IFC made by planning division and special condition enclosed be followed.
3. Following infrastructure fund charges are payable before release of plan.
 - a. IFC water :- Rs. 1, 82, 93, 421/-
 - b. IFC sewer :- Rs. 1, 09, 76, 052/-Total :- Rs. 2, 92, 69, 473/-

However, no drawing regarding sewerage (invert levels, connections points etc.) has been submitted by the applicant. The exact feasibility of sewer connections can be assessed only after submission of sewerage drawings of proposed building. Although as per field inspection exist water line is 50 meter and sewer line is 15 meter far from the applied portion.

This issue with the approval of the Competent Authority.


(S.K Singh)
Executive Engineer (M)-39



FORM- D1
(Chapter 2, Para 2.7.1/2.7.3)

COMPLETION CUM OCCUPANCY CERTIFICATE

Name of the Authority North Delhi Municipal Corporation

File No./Plan No. 10047190

Date 07/05/2018

To,
Sir Gangaram Hospital Trust Society

With reference to your notice of completion dated 15/11/2017, I hereby certify that the building as per description below and certified plans of Sir Gangaram Hospital, Sir Gangaram Hospital Marg, Rajinder Nagar New Delhi 60 whose LOP and Bldg. plans were sanctioned vide letter No. 10047190 dated and completion certificate as approved by DUAC/DFS and other statutory bodies, the NOC has been approved on _____. The site has been inspected with reference to Building Bye-Laws, Master Plan Delhi provisions, hygienic and sanitary conditions inside and in the surroundings and is declared fit for occupation.

The approving authority approves Architectural Drawings/Development Control norms with respect to the Building Bye Laws and Master Plan provisions only. The technical drawings/documents submitted by the owner/consultant/Architect/Engineer/Structural Engineer/Landscape Architect /Urban Designer/Engineer for Utility Services are considered as part of the records/information supporting the building permit only. The responsibility of the correctness of information/application of technical provisions fully vests with the owner/consultant/ Architect/Engineer/Structural Engineer/Landscape Architect /Urban Designer/Engineer for Utility Services and shall be liable as per laws.

The structural stability of the building is based on the certificate given jointly by the Owner/Architect/Structural Engineer along with one set of Structural Drawings, incorporating therein the provisions of Structural Safety as specified in the relevant prevailing IS Codes/Standards/Guidelines stated in the Government of India Notification bearing No.SO-248(E) dated 21.3.2001 and clause 9.1, 9.2.1, 9.2.2 and Annexure VII of this Bye Laws. For the fire-safety the same has been based on the clearance given by the Chief Fire Officer, Government of NCT of Delhi. The Authority/Local Body shall not have any responsibility for any loss caused to the building from any natural hazard / calamity.

Completion Certificate is issued for Plot No. Gangaram Hospit as per enclosed drawings.

Yours Faithfully

Signature Not Verified
Digitally signed by KUMAR
MAHENDRA
Date: 2018.05.07 13:47:09 IST

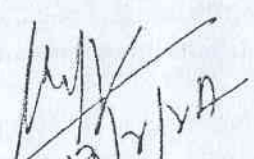
145

North Delhi Municipal Corporation
Executive Engineer

FIRE SAFETY CERTIFICATE

Certified that **Multi Level Car Parking** located at Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi- 110060, comprised of basement, ground plus ten upper floors, was granted Fire Safety Certificate by this department vide letter No. F.6/DFS/MS/SZ/2021/Hostital/PRKG/87, dated 02.02.2021 owned & occupied by M/s Sir Ganga Ram Hospital. The building was re-inspected by the officer concerned of this department on 07.02.2024 in the presence of Sh. Shiv Partap Singh (Fire Safety Officer) and found that management have deemed complied with the fire prevention and fire safety requirements in accordance with Delhi Fire Service Act 2010 & Delhi Fire Service Rules 2007 and that the building/premises is fit for occupancy class **Storage(Car Parking)** with effect from 14/02/2024 for a period of 03 years in accordance with rule 36 unless renewed under rule 37 or sooner cancelled under Rule 40 and subject to compliance of the conditions printed below under Rule 38 of the Delhi Fire Service Rules, 2010.

Issued on 14/02/2024 at New Delhi by.


(Atul Garg)
Director

Delhi Fire Service
AC

Copy to: -

1. The Executive Engineer (Bldg.), NDMC, Civic Center, 8th floor, Mintoo Road, New Delhi.
2. Sh. M P Varghese (Dy. Director Administration), Sir Ganga Ram Trust Society, Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi- 110060

Conditions for the validity of Fire Safety Certificate

1. 06 mts. wide access road all around the building shall be kept free at all the time for fire tender movement in case of any emergency.
2. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
3. The means of escape arrangements shall be kept unlocked & unobstructed for speedy evacuation of occupants in case of an emergency.
4. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
5. The trained staff should be available round the clock.
6. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
7. Basement shall be used as per the building bye laws.
8. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
9. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010, form is available on www.dfs.delhigovt.nic.in.
10. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in the Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry.



NORTH DELHI MUNICIPAL CORPORATION

Town Planning Department
E-Block, 13th Floor Civic Centre Minto Road,
Jawaharlal Nehru Marg Delhi-02



No. TP/G/2021/NDMC/362

Dated: 25/ March /2021

To

Mrs. Sujata Sharma,
Hony. Secy. Sir Ganga Ram Trust Society,
Sir Ganga Ram Hospital Marg,
Rajinder Nagar, New Delhi- 110060

Sub :- Revised Layout Plan of Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi.

Madam,

Kindly refer to your correspondence with this office on the above cited subject. I am directed to inform you that the Standing Committee of the North Delhi Municipal Corporation vide Resolution No.206 dated 10.03.2021 has approved the above layout plan subject to clearance of municipal dues, and other conditions written below.

You are requested to submit a Lenin Tracing R.T.F, soft copy in CD and 9 copies of the layout plan with conditions of approval incorporated thereon along with indemnity on Rs.100/- stamp paper for the purpose of authentication. Also please submit an undertaking to abide by the conditions of approval as per Performa enclosed on Rs.10/- Non – judicial stamp paper attested by the Notary Public with Rs.3/- stamp.

Asst. Town Planner-I

Conditions of Approval (12 Nos) :-

1. The applicant shall get the bldg. plans sanctioned from the Building Department of North DMC as per the approved layout plan and bldg. bye-laws. Appropriate levies for increased FAR as applicable shall be charged from the applicant at the time of sanction of Building Plan.
2. The clearance from Environment Committee shall be submitted before the sanction of Bldg. plans.
3. The clearance from NMA, DMA and other agencies as per the requirement shall be submitted before the sanction of Bldg. plans.



NORTH DELHI MUNICIPAL CORPORATION

Town Planning Department

E-Block, 13th Floor Civic Centre Minto Road,
Jawaharlal Nehru Marg Delhi-02. Tel: 23226328



No: TP/G/2021/ 961

Dated: 1st June / 2021

To

✓ Mrs. Sujata Sharma,
Hony. Secy. Sir Ganga Ram Trust Society,
Sir Ganga Ram Hospital Marg,
Rajinder Nagar, New Delhi- 110060

Sub :- Revised Layout Plan of Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi.

Madam,

Kindly refer to you correspondence with this office on the subject cited above.

I am directed to inform you that the above Layout plan approved by the Standing Committee of North Delhi Municipal Corporation Vide its Resolution No. 206 dated 10.03.2021 has now been authenticated.

You are requested to send the representative with an authority letter to collect the approved authenticated layout Plan from this office in any working hour.

This issues with the approval of the Chief Town Planner.

Asst. Town Planner- I

Copy to:-

1. Sh. Roopak Kothari, 6, Siri Fort Road, New Delhi, 110049



OFFICE OF THE DY. COMMISSIONER OF POLICE: TRAFFIC (MOD.): DELHI

No. 6336 /TE(D-NOC)/Traffic dated Delhi, the

22/10/2021.

To

Sh. P.K. Bansal,
Head Project,
Sir Ganga Ram Hospital Rajinder Nagar,
New Delhi-110060.

27/10
CE/PC
27/10

Subject: - No Objection Certificate for Additional / Alteration in revised layout plan of Sir Ganga Ram Hospital required as per condition of approval of layout plan by Town Planning Department of North Delhi Municipal Corporation (NDMC).

Sir,

With reference to your letter No. SGRH/Project/2021 dated 02.07.2021, on the subject cited above, I am directed to inform that **Delhi Traffic Police** has **no objection** for the proposed revised layout plan of Sir Ganga Ram Hospital from traffic management point of view subject to the following terms and conditions:-

- i) The entry/exit gates should be planned away from the main road(s) to avoid direct conflict with the main road traffic.
- ii) Provision for adequate holding area inside the boundary walls of the complex should also be made to facilitate temporary parking of a certain number of motor vehicles so that no queuing of vehicles is observed on road side while entering/exiting the complex.
- iii) Availability of parking spaces as per the Delhi Master Plan, 2021/Building Bye Laws or applicable laws/rules should be ensured.
- iv) Adequate number of traffic marshals should be deployed for proper regulation of traffic and parking of visitors vehicles to ensure efficient traffic management in the area even during construction period in the general public interest.
- v) Provision of other suitable traffic control measures along with traffic calming measures as per IRC standards and as per the need should also be ensured so that no parking of vehicles is allowed outside the premises

on road side in the general interest of public and there is better traffic circulation along with safety of all road users.

Alia

ACP/TE
For Commissioner of Police
Traffic (Mod.): Delhi.

No.

/TE(D-NOC)/Traffic dated Delhi, the

/10/2021.

Copy to DCP/T-~~SR~~
CR for information.



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

Sir Ganga Ram Hospital

Date: 13-01-2016

Sir Ganga Ram Marg, Rajinder
Nagar Sir Ganga Ram Marg
Central Delhi Delhi 110060

System Generated Auto Assessment for Height Clearance

1. 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 GSR 751 (E) dated 30th Sep. 2015 for Safe and Regular Aircraft Operations has assessed the site data filled by the applicant.

2. Assessment details for Height Clearance:

① IOCID : SAFD/NORTH/B/011316/45785
Applicant Name : Sir Ganga Ram Hospital
Type of Structure : Building
Site Address : Sir Ganga Ram Hospital

Site Coordinates : 77 11 20.0-28 38 16.0, 77 11 24.0-28 38 13.0, 77 11 26.0-28 38 25.0, 77 11 30.0-28 38 15.0,
77 11 30.0-28 38 22.0,

Site Elevation AMSL in 239 M
Mtrs as Submitted by
Applicant:

Your site is located at a distance 6391 mts from ARP and lies in the grid G18 of the published CCZM of Safdarjung Airport airport. The Permitted top elevation for this grid is 350 mts.

① Since the requested top elevation 281 mts in AMSL is below CCZM permitted top elevation, the NOC for height clearance is not required from Airports Authority of India.

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

a. The site-elevation and site coordinates provided by the applicant are taken for calculation of the permissible top elevation for the proposed structure. If, however, at any stage it is established that the actual data is different from the one, provided by the applicant, this NOC will become invalid.

b. The assessment 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.

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

d. This assessment has been issued w.r.t. the Civil Airports as notified in GSR 751(E). Applicant needs to seek separate NOC from Defence, if the site lies within jurisdiction of Defence Airport.

राजीव गांधी भवन
Rajiv Gandhi Bhawan

सफ़दरजंग हवाई अड्डा नई दिल्ली-110003
Safdarjung Airport, New Delhi-110003

Page 1/2
दूरभाष : 24632950
Phone: 24632950



Govt. of NCT of Delhi
District Disaster Management Authority
Office of the District Magistrate (Central)
Old Employment Exchange Building, 14, Daryaganj, New Delhi-110002
Telecom: 23270151, Email: ddmacentral@gmail.com

F. No DM/C/DBMA/Ganga Ram Hospital/ 2487

Date: 30/12/2021

To,

Sh. P.K. Bansal (Head Project)
Sir Ganga Ram Hospital,
Delhi-110060.

Sub : Revised layout plan of Ganga Ram Hospital, Delhi


Sir,

This is in reference to your office letter no. SGRH/Project/2021 dated 02/07/2021 & letter no. SRGH/Project/2021 dated 21/10/2021 received by this office regarding revised building plan of Sir Ganga Ram Hospital.

In this regard, as per Disaster Management Act 2005 under section 31 (2) (xxiii) District authority may examine the construction in any area in District and, if it is of the opinion that the standard for the prevention of Disaster or mitigation laid down for such construction is not be or has not been followed, may directed the concerned authority to take such action as may be necessary to secure compliance of such standards. An inspection was carried out of Sir Ganga Ram Hospital on 08/10/2021 vide inspection order no. DM/C/DDMA/2346 dated 05/10/2021, under the chairmanship of ADM Central and constituted team.

Therefore, on the basis of inspection carried out, it is directed to follow the norms of revised Disaster Management Plan of the hospital and subject to approval of North DMC Department and NOC issued by Delhi Fire Services. The District Authority's (DDMA) may use of the sole at any point of time.

This issues with the approval of District Magistrate (Central).


CEO/ADM (DDMA)
DISTRICT: CENTRAL

Copy for information to:-

1. Divisional Fire Officer, Delhi Fire Services, Connaught Place, Delhi
2. Executive Engineer, Building Department, Karol Bagh Zone, North DMC, Anand Parbat, DBG Road, Karol Bagh, Delhi.
3. Sh. Harish Mathur, DPO-DDMA Central, O/o DM Central, 14, Darya Ganj, Delhi
4. Area SHO, Delhi Police, Delhi

144

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001

No. F6/DFS/MS/Hospital/SZ/2022/ 250

Dated: 06/06/2022

FIRE SAFETY CERTIFICATE

Certified that Sir Ganga Ram Hospital Complex located at Sir Ganga Ram Hospital Marg, Rajinder Nagar, New Delhi- 110060, having four buildings namely Old Building, SSRB Building, Casualty Block and Special Ward Block respectively. Old Building is comprised of small basement, ground plus five upper floors, SSRB Building is comprised of basement, ground plus seven upper floors, Casualty Block is comprised of basement, ground plus six upper floors and Special Ward Block is comprised of ground plus four upper floors, was granted FSC by this department vide letter No. F.6/DFS/MS/Hospital/SZ/2019/276 dated 04.02.2019. The hospital complex was re-inspected by the officers concerned of this department on 28.05.2022 in the presence of Col. M.P Varghese, CSO and Shri Rakesh Shukla, Sr. Fire Supervisor and found that management have deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of the Delhi Fire Service Rules, 2010 and that the building/premises is fit for occupancy class **Group-C Institutional Building** with effect from 06/06/2022 for a period of 03 years in accordance with Rule 36 unless renewed under Rule 37 or sooner cancelled under Rule 40 and subject to compliance of the conditions under Rule 38 of the Delhi Fire Service Rules, 2010 and subject to compliance of the conditions under Rule 38 of the Delhi fire service Rules, 2010 subject to conditions printed below.

Issued on 06/06/2022 at New Delhi by.

(Atul Garg)
Director

Delhi Fire Service

Copy to:-

1. The Chief Security Officer, Sir Ganga Ram Hospital, Sir Ganga Ram Hospital Marg, Rajinder Nagar, New Delhi- 110060.

Conditions for the validity of Fire Safety Certificate

1. 06 mts. wide access road all around the building shall be kept free at all the time for fire tender movement in case of any emergency.
2. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
3. The means of escape arrangements shall be kept unlocked & unobstructed for speedy evacuation of occupants in case of an emergency.
4. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
5. The trained staff should be available round the clock.
6. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
7. Basement shall be used as per the building bye laws.
8. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
9. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010, form is available on www.dfs.delhigovt.nic.in.
10. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in the Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry.

9. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first

DELHI JAL BOARD, GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER (WEST)-II
D-BLOCK, MOTI NAGAR, NEW DELHI-110 015.
Email id: eeewest2@yahoo.com Phone: 011 - 25913870

NO.: F1 (9)/DJB/EE (WEST)-II/2019-20/ 9129

Dated: 13.02.2020

14-2-2020

To

Mrs. Sujata Sharma,
N-150, Panchsheel Park,
New Delhi-110017.

Sub.: - Approval of OBPS ID No. 10071822 – regarding DJB water and sewer NOC in respect of Ganga Ram Hospital at Rajender Nagar, Karol Bagh, New Delhi.

The approval is hereby accorded subject to following: -

1. At present, two bulk water connections of 100mm dia and 50mm dia exists at site vide K. No. 98558000000 and 31658000000 and at present about additional 50,000 LPD potable water is available from nearby DJB water supply network and for the balance quantity applicant / agency has to make its own arrangement. .
2. The applicant / agency have to make his own arrangements of sewerage treatment / disposal at its own.
3. The applicant / agency has to lay sewerage and water network at its own along with permission from all concerned department / individuals etc. up to the nearest feasible DJB network.
4. Water demand assessment and sewage demand assessment worked out by DJB planning wing. Applicant / agency have to comply with the general and special conditions of planning water wing and planning drainage wing attached herewith.
5. As per planning wing IFC is not leviable, being a Pvt. Property.

This is being issued with the approval of competent authority.

14/2/20
(Trilok Chand)
Executive Engineer (West) - II

TOTAL WATER DEMAND FOR SIR GANGA RAM HOSPITAL, RAJINDER NAGAR AS PER M.C.D. NORMS.

Category of Building	Beds/Room /Area	No. of beds	Occupancy Load	Add. 10% (floating)	Total occupancy	Basic (lpcd)	Water demand (lpcd)	Basic (lpcd)	Water demand (lpcd)	Total Water Demand
Hospitals	Gross Floor Area 68336.73	854.24	854.21	85.42	939.63	360	338400	90	84600	423000
	Beds	17084.20	17084.20	1708.42	18793	15	281895			281895
Parking	Approved Multi Level parking Area 20434.38	681.15	681.15	68.12	749.27	5	3745	10	7490	11235
							624040		92090	716130

Capacity Of Portable UGR (lpcd) = 312020 liter say 312020 liter

Capacity Of non Portable UGR (lpcd) = 46045 liter say 46045 liter

Total water Demand as per norms = 716130 liter per day

Sujata Sharma
Mrs. SUJATA SHARMA
 Hony. Secretary
 Sir Ganga Ram Hospital
 Trust Society
 New Delhi-110 060.

Roorak N. Kothari

ROORAK N. KOTHLARI
 Licensed Architect
 CA/75/1377

Office of Zonal Revenue Officer,
West -II, Delhi Jal Board,
Rajinder Nagar, New Delhi -110060

Diary no.: ZRO(W-II/2018-19/ 1673

Date: 18/3/19.


TO WHOM IT MAY BE CONCERN

It is certified that there are two bulk water connections existing in Sir Ganga Ram Hospital, Sir Ganga Ram Marg, Rajinder Nagar, New Delhi - 110060 as per details below -

S.no.	Name of user	Meter no.	Consumption (Average)
1.	S.G.R.H.	3165800000	157.58 KLD
2.	S.G.R.H.	9855800000	194.18 KLD

It is based on our computer summary record.

In addition to additional sewer maintenance charges @750 bed per month as Delhi Jal Board tariff.


(ZONAL REVENUE OFFICER)
O.H.T. Rajinder Nagar, New Delhi

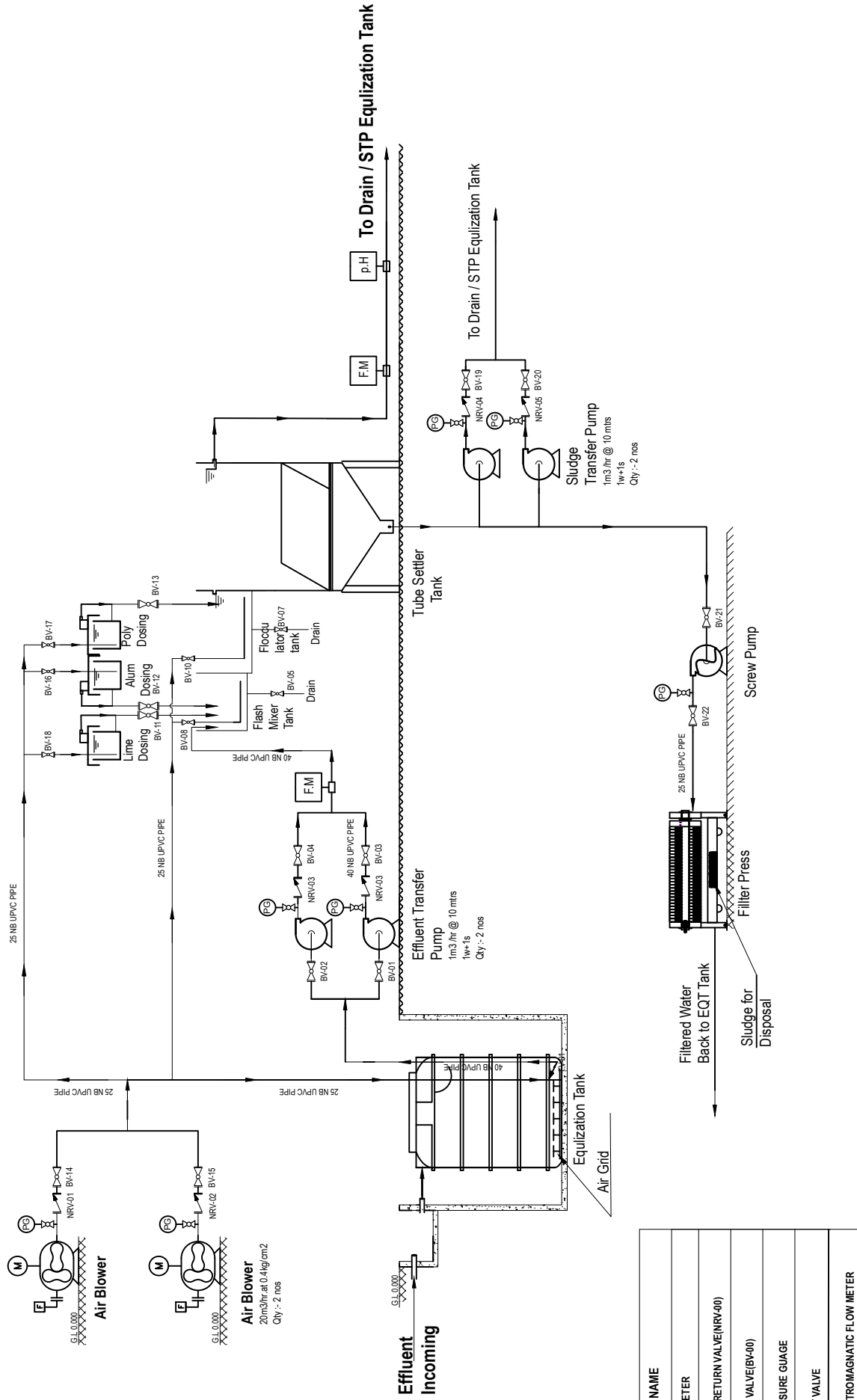
Addl. Zonal Revenue Officer
O.H.T. Rajinder Nagar
Delhi Jal Board


A.S.O.-II


A/E


D.A.

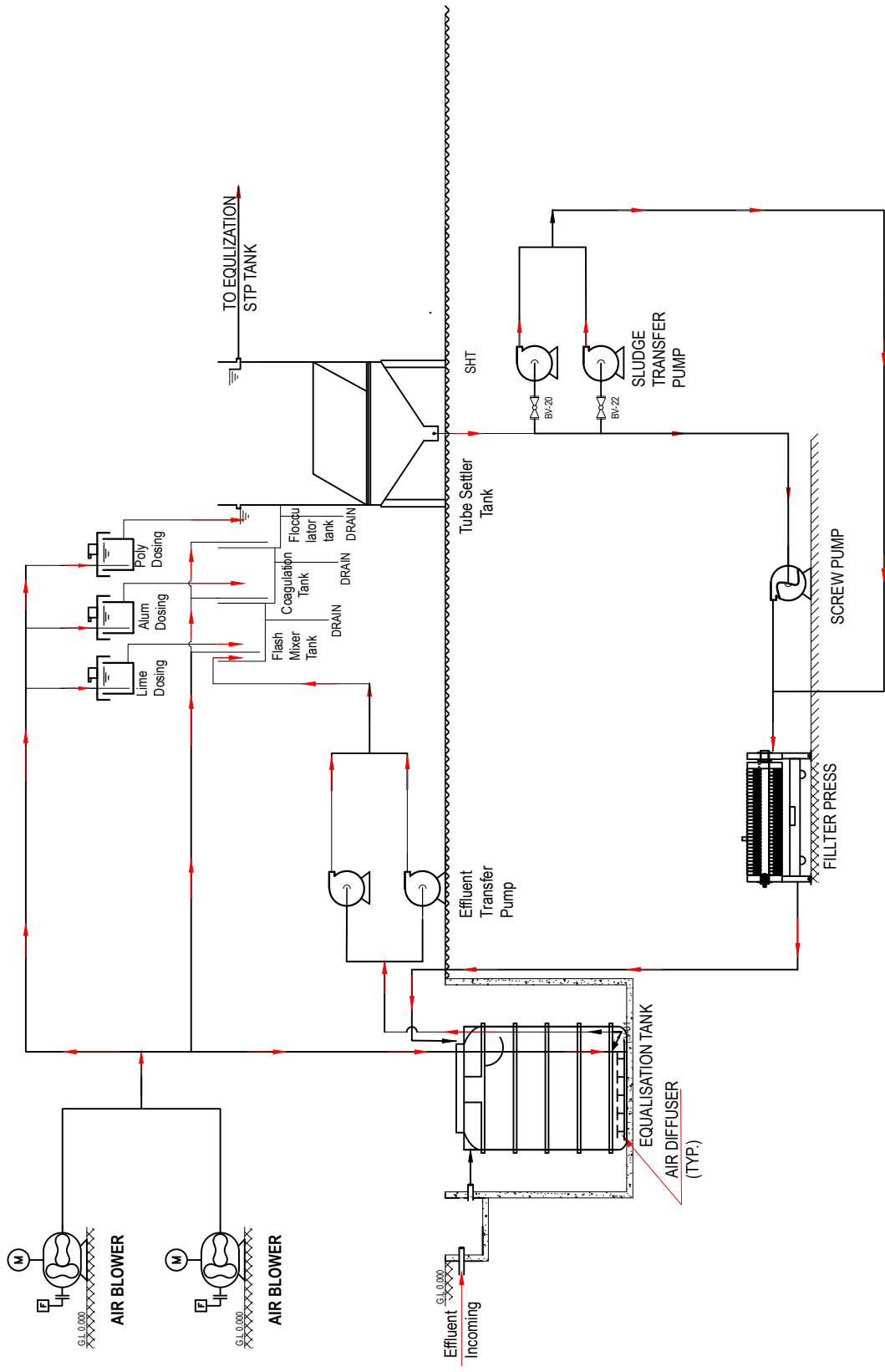
-37-



SYMBOLS	NAME
	P.H. METER
	NON RETURN VALVE(NRV-00)
	BALL VALVE(BV-00)
	PRESSURE GAUGE
	FOOT VALVE
	ELECTROMAGNETIC FLOW METER

PROJECT 10 KLD EFFLUENT TREATMENT PLANT

TITLE PIPING & INSTRUMENTATION DIAGRAM



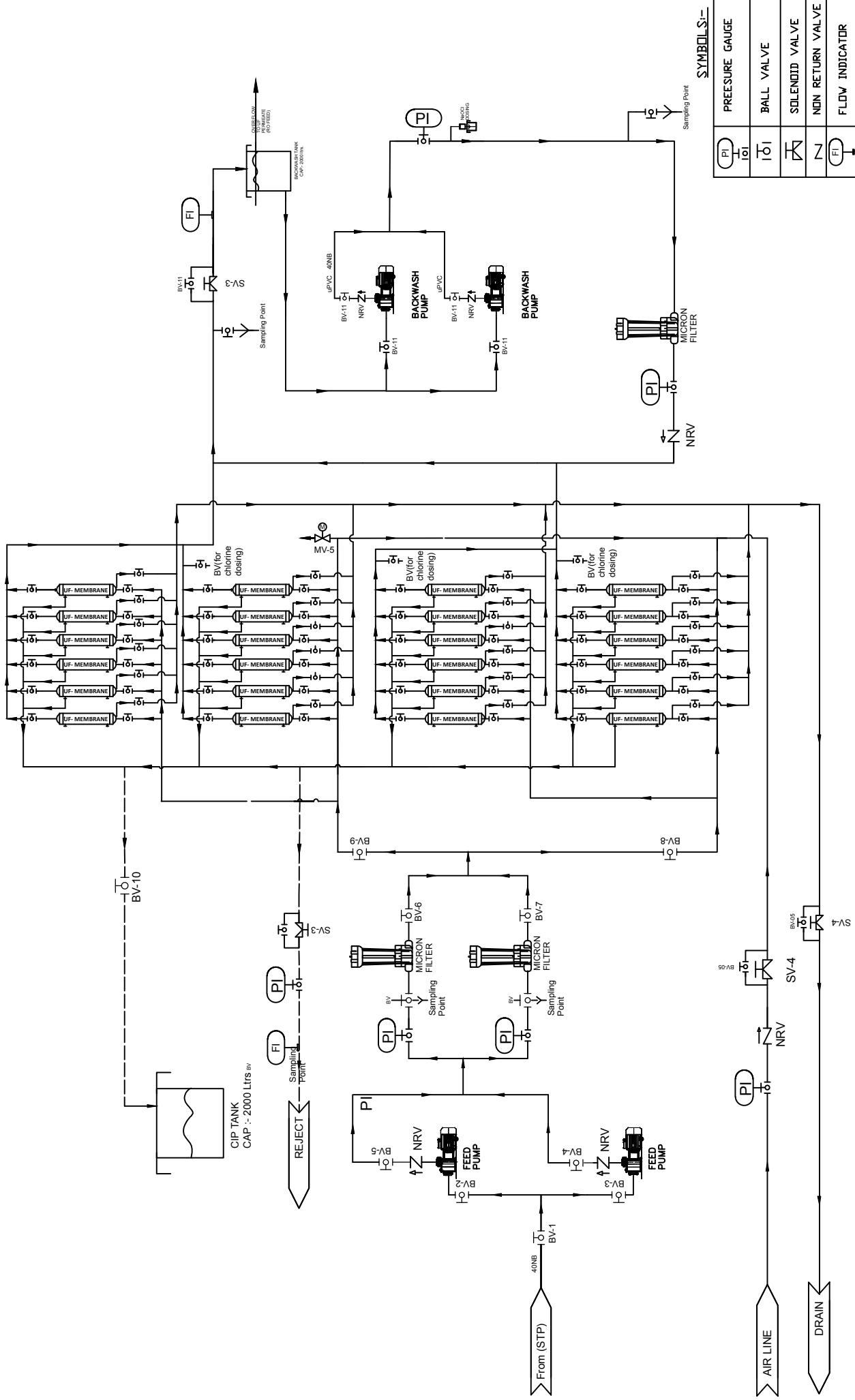
DESIGNED BY
SARVO TECHNOLOGIES LIMITED
 Plot No.316, Sector 24, Faridabad-121 (Haryana)INDIA
 Tel : +91 129 4025353, Fax: +91 129 4022 333, Email : operation@sarvo.com
 Web: www.sarvowater.com

DRG. NO. STL-DWG-P-241 A
DATE 07/12/2018
JOB NO. S-241

REV. 2
SCALE N.T.S
ISSUED FOR APPROVAL

APPD. BY M.GARG
DRAWN BY SUMIT
CHKD. BY A.RAINA

PROJECT SIR GANGA RAM HOSPITAL DELHI
TITLE 20 KLD EFFLUENT TREATMENT PLANT FLOW DIAGRAM



DESIGNED BY
SARVO TECHNOLOGIES LIMITED
 Plot No.316, Sector 24, Faridabad-121 (Haryana)INDIA
 Tel : +91 129 4025353, Fax : +91 129 4022 333, Email : operation@sarvo.com
 Web: www.sarvowater.com

DRG. NO. STL-DWG-P-241 P-1
 DATE 11/12/2018
 JOB NO. S-241

REV. 0
 SCALE N.T.S
 ISSUED FOR APPROVAL

APPD. BY M.GARG
 DRAWN BY SUMIT
 CHKD. BY A.RAINA

CLIENT SIR GANGA RAM TRUST SOCIETY, N.DELHI
 PROJECT ULTRAFILTRATION SYSTEM
 TITLE PIPING & INSTRUMENTATION DIAGRAM

DRG. NO. STL-DWG-P-241 P-1
 DATE 11/12/2018
 JOB NO. S-241

REV. 0
 SCALE N.T.S
 ISSUED FOR APPROVAL

APPD. BY M.GARG
 DRAWN BY SUMIT
 CHKD. BY A.RAINA

CLIENT SIR GANGA RAM TRUST SOCIETY, N.DELHI
 PROJECT ULTRAFILTRATION SYSTEM
 TITLE PIPING & INSTRUMENTATION DIAGRAM

LOGSHEET OF ETP-10 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY	SIGNATURE OF OPERATOR		DATE
NAME	IN	OUT	01-07-2024
Umesh Kumar	9.00	5.30	



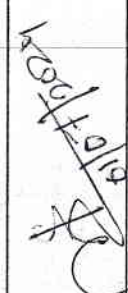
Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER		
						START	STOP	TOTAL
LIME		sol		500 g	3.12g			
ALUM		sol		500 g	3.12g		672656729.8	3.3
POLY		sol		15 g	419520 g		657996583.1	3.2
HCL								
CAUSTIC								

EFFLUENT MONITORING PARAMETER PH/PRESSURE

TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
EQUILIZATION TANK		8.6	8.6	8.2	8.2			
TUBE SETTLER		7.4	7.4	7.0	7.0			
CCT TANK	INLET							
	OUTLET							
			START		STOP			STOP

FILTER PRESS							TREATED WATER	3300
SLUDGE GENERATION IN KGS								
MAINTENANCE/BREAKDOWN								SIGN OF INCHARGE (SGRH)

REMARKS



 01/07/2024

LOGSHEET OF ETP-10 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY	NAME		TIME		SIGNATURE OF OPERATOR	DATE
	Umashankar		IN	OUT	[Signature]	30-07-2024
			9:00	5:30		



Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER		
						START	STOP	TOTAL
LIME	50L			500 gr	10-kg			
ALUM	50L			500 gr	10-kg			
POLY	50L			15 gr	4 kg 160 gr			
HCL								
CAUSTIC								

EFFLUENT MONITORING PARAMETER PH/PRESSURE

EQUILIZATION TANK	TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
		pH	-	8.8	8.8	8.6	8.6		
TUBE SETTLER	pH		7.4	7.4	7.6	7.6			
CCT TANK	INLET								
	OUTLET								
			START			STOP			STOP

FILTER PRESS									
SLUDGE GENERATION IN KGS									3500
MAINTENANCE/BREAKDOWN									SIGN OF INCHARGE (SGRH)

REMARKS

[Signature]

LOGSHEET OF ETP-10 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY	SIGNATURE OF OPERATOR		DATE
Umeshankar	[Signature]		30-06-2024
NAME	IN	OUT	
	9.00	5.30	




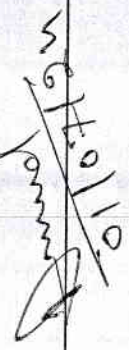
Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER		
						START	STOP	TOTAL
LIME		50L		500 g	3.49	500 g		
ALUM		50L		500 g	3.48	500 g	6723.1	6726.5
POLY		50L		15 g	4.19	35 g	6576.6	6579.9
HCL								
CAUSTIC								

EFFLUENT MONITORING PARAMETER PH/PRESSURE									
	TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
EQUILIZATION TANK	pH	-	8.8	8.8	8.6	8.6			
TUBE SETTLER	pH		7.6	7.6	7.4	7.4			
CCT TANK	INLET								
	OUTLET								
				START		STOP			STOP




FILTER PRESS									
SLUDGE GENERATION IN Kgs									3400
MAINTENANCE/BREAKDOWN									
SIGN OF INCHARGE (SGRH)									

REMARKS



 30/06/2024


 30/06/2024

LOGSHEET OF ETP-10 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY		TIME		SIGNATURE OF OPERATOR		DATE	
NAME		IN	OUT			01-06-2024	
Kamashankar		9.00	5.30				
Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY		CHEMICAL BALANCE	
LIME		50L		500 gm		15 kg 500 gm	
ALUM		50L		500 gm		15 kg 500 gm	
POLY		50L		15 gm		4 kg 910 gm	
HCL							
CAUSTIC							
EFFLUENT MONITORING PARAMETER PH/PRESSURE							
TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00
EQUILIZATION TANK		8.6	8.6	8.4	8.4		3.00
TUBE SETTLER		7.4	7.4	7.2	7.2		
CCT TANK	INLET						
	OUTLET						
		START			STOP		STOP
FILTER PRESS							TREATED WATER
SLUDGE GENERATION IN KGS							3400
MAINTENANCE/BREAKDOWN							
SIGN OF INCHARGE (SGRH)							
							
REMARKS	 01/06/2024						

LOGSHEET OF ETP-10 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY	TIME	SIGNATURE OF OPERATOR	DATE
Umeshankar	9.00 5.30	<i>UJ</i>	30-05-2024
 Kasayari Udyog			

Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER		
						INLET FLOW	STOP	TOTAL
LIME		50 L		500 gr	16. KG 500 gr			
ALUM		50 L		500 gr	16. KG 500 gr	6634.6	6638.0	3.4
POLY		50 L		15 gr	4 KG 995 gr	3491.0	3494.3	3.3
HCL								
CAUSTIC								

EFFLUENT MONITORING PARAMETER PH/PRESSURE

TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
EQUILIZATION TANK		8.2	8.2	8.4	8.4			
TUBE SETTLER		7.4	7.4	7.6	7.6			
CCT TANK	INLET							
	OUTLET							

FILTER PRESS	START	STOP
SLUDGE GENERATION IN Kgs	TREATED WATER	
	3400	

SIGNATURE	SIGN OF INCHARGE (SGRH)
<i>JAMES</i>	<i>[Signature]</i>

REMARKS	MAINTENANCE/BREAKDOWN
DATE: <i>30/05/2024</i>	

LOGSHEET OF ETP-10 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY	NAME		TIME	SIGNATURE OF OPERATOR	DATE
	Umashankar		9.00 5.30	<i>U.S.</i>	01-05-2024



Kasayan Udyog

Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER		
						START	STOP	TOTAL
LIME		50L		500 gm	15.500 kg			
ALUM		50L		500 gm	15.500 kg		6549.1	6552.5
POLY		50L		15 gm	7.95 gm		3408.0	3411.3
HCL								
CAUSTIC								

EFFLUENT MONITORING PARAMETER PH/PRESSURE

TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
EQUILIZATION TANK		8.4	8.4	8.6	8.6			
TUBE SETTLER		7.2	7.2	7.4	7.4			
CCT TANK	INLET							
	OUTLET							

FILTER PRESS								
SLUDGE GENERATION IN Kgs								3400

MAINTENANCE/BREAKDOWN

SIGN OF INCHARGE (SGRH)

[Signature]



REMARKS

James
01/05/2024

LOGSHEET OF ETP-10 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY		NAME		SIGNATURE OF OPERATOR		DATE	
Umashankar		9.00 5.30		<i>U.S.</i>		30-04-2024	
Chemical Name		Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER
LIME		50L	50L	500 gr	500 gr	16 kg	START 6542.2 INLET FLOW
ALUM		50L	50L	500 gr	500 gr	16 kg	STOP 26545.7 TOTAL
POLY		50L	50L	15 gr	15 gr	810 gr	START 3401.3 INLET FLOW
HCL							STOP 3404.7 TOTAL
CAUSTIC							
EFFLUENT MONITORING PARAMETER PH/PRESSURE							
EQUILIZATION TANK		pH		TIME		TOTAL	
TUBE SETTLER		pH		6.00		3.00	
CCT TANK		INLET		9.00			
		OUTLET		12.00			
				15.00			
				18.00			
				23.00			
				24.00			
FILTER PRESS				START		STOP	
SLUDGE GENERATION IN Kgs						3500	
MAINTENANCE/BREAKDOWN						SIGN OF INCHARGE (SGRH)	
REMARKS						<i>[Signature]</i>	

LOGSHEET OF ETP-10 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY		TIME		SIGNATURE OF OPERATOR		DATE		01-04-2024		
NAME		IN		OUT		 <p>Rasayan Udyog</p>				
Uma Shanker		9.00		5.30						
Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY		CHEMICAL BALANCE		EFFLUENT WATER MONITORING FLOWMETER		
LIME		SOL		500 gm	2573.19	280 kg		START	STOP	TOTAL
ALUM		SOL		500 gm	2573.19	28 kg		64591	64626	3.5
POLY		SOL		15 gm	1 kg	155 gm		3320	433238	3.4
HCL										
CAUSTIC										
EFFLUENT MONITORING PARAMETER PH/PRESSURE										
EQUILIZATION TANK		PH		8.4		8.6		8.6		3.00
TUBE SETTLER		PH		7.2		7.4		7.4		
CCT TANK		INLET								
		OUTLET								
FILTER PRESS				START		STOP		TREATED WATER		3500
SLUDGE GENERATION IN KGS										
MAINTENANCE/BREAKDOWN										SIGN OF INCHARGE (SGRH)
REMARKS										

Uma Shanker
01/04/2024

LOGSHEET OF ETP-10 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY		SIGNATURE OF OPERATOR				DATE	
NAME		Ujj				30-03-2024	
Umeshankar		TIME					
		IN					
		OUT					
		9.00		5.30			

Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE			EFFLUENT WATER MONITORING FLOWMETER		
					START	STOP	TOTAL	INLET FLOW	STOP	TOTAL
LIME		sol		500 gm	4. kg			6452.1	6455.5	3.4
ALUM		sol		500 gm	4. kg			3313.6	3316.9	3.3
POLY		sol		15 gm	1 kg 70 gm					
HCL										
CAUSTIC										

EFFLUENT MONITORING PARAMETER PH/PRESSURE										
EQUIVALIZATION TANK	PH	TIME								
		6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00	
	8.4	8.2	8.4	8.4	8.4					
TUBE SETTLER	7.4	7.4	7.6	7.6	7.6					
CCT TANK	INLET									
	OUTLET									STOP
		START				STOP				
TREATED WATER		3400								

FILTER PRESS										
SLUDGE GENERATION IN KGS										
MAINTENANCE/BREAKDOWN										
SIGN OF INCHARGE (SGRH)										

REMARKS Feima
29/03/2024

LOGSHEET OF ETP-10 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY		NAME		IN		OUT		SIGNATURE OF OPERATOR		DATE	
Umashankar		9.00		5.30		Vijf				01-03-2024	
Chemical Name		Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY		CHEMICAL BALANCE		EFFLUENT WATER MONITORING FLOWMETER		
LIME		50 L			500 gm		15 kg 500 gm		START	STOP	TOTAL
ALUM		50 L			500 gm		15 kg 500 gm	INLET FLOW	6377.0	6380.3	3.3
POLY		50 L			15 gm		1 kg 125 gm	OUTLET FLOW	3240.8	3244.0	3.2
HCL											
CAUSTIC											
EFFLUENT MONITORING PARAMETER PH/PRESSURE											
EQUILIZATION TANK		PH		6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
TUBE SETTLER		PH		-	8.2	8.2	8.4	8.4			
CCT TANK		INLET		-	7.4	7.4	7.2	7.2			
		OUTLET									
FILTER PRESS					START			STOP			STOP
SLUDGE GENERATION IN KGS											3300
TREATED WATER											
SIGN OF INCHARGE (SGRH)											
REMARKS											

Umashankar
01/03/2024

[Signature]

LOGSHEET OF ETP-20 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY	TIME		SIGNATURE OF OPERATOR	DATE
	NAME	IN		
<i>Hanshankey</i>	9.00	5.30	<i>URJ</i>	01-07-2024



Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE		EFFLUENT WATER MONITORING FLOWMETER				
								INLET FLOW	START	STOP	TOTAL
LIME		50 l		500 g	3 kg			3816.1		5820.5	4.4
ALUM		50 l		500 g	3 kg						
POLY		50 l		15 g	4 kg 520 g			3610.4		3614.7	4.3
HCL											
CAUSTIC											

EFFLUENT MONITORING PARAMETER PH/PRESSURE

EQUIVILIZATION TANK	TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
TUBE SETTLER				7.2	7.2	7.0			
CCT TANK									

FILTER PRESS	TREATED WATER	4400	
SLUDGE GENERATION IN Kgs			
SIGN OF INCHARGE (SGRH)			

OPERATOR ON DUTY	TIME		SIGNATURE OF OPERATOR	DATE
NAME	IN	OUT		

REMARKS	<i>(Signature)</i>
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LOGSHEET OF ETP-20 KLD - SIR GANGARAM HOSPITAL ,NEW-DELHI

OPERATOR ON DUTY	DATE	DATE
NAME	SIGNATURE OF OPERATOR	DATE
Amashankar	<i>U.S.S.</i>	30-07-2024
TIME		
IN	OUT	
9:00	5:30	



Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER		
						START	STOP	TOTAL
LIME	50L			500 gm	15.19	500 gm		
ALUM	50L			500 gm	15.19	500 gm	INLET FLOW	3926.3
POLY	50L			15 gm	4.29	145 gm	OUTLET FLOW	3718.1
HCL								4.3
CAUSTIC								

EFFLUENT MONITORING PARAMETER PH/PRESSURE


TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
EQUILIZATION TANK		8.8	8.6	8.6	8.4			
TUBE SETTLER		7.6	7.6	7.4	7.2			
CCT TANK	INLET							
	OUTLET							
		START			STOP			STOP

FILTER PRESS	TREATED WATER	4400
SLUDGE GENERATION IN Kgs		
MAINTENANCE/BREAKDOWN		SIGN OF INCHARGE (SGRH)

REMARKS

Amashankar

LOGSHEET OF ETP-20 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY		NAME		TIME		SIGNATURE OF OPERATOR		DATE		
		Umeshankar		9.00 5.30		[Signature]		01-03-2024		
										
Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY		CHEMICAL BALANCE		EFFLUENT WATER MONITORING FLOWMETER		
LIME		50L		500 gm		15 kg 500 gm		START	STOP	TOTAL
ALUM		50L		500 gm		15 kg 500 gm		INLET FLOW	3421.5	3425.3
POLY		50L		15 gm		1 kg 545 gm		OUTLET FLOW	3187.6	3191.3
HCL										
CAUSTIC										
EFFLUENT MONITORING PARAMETER PH/PRESSURE										
	TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00	
EQUILIZATION TANK	pH		8.2	8.2	8.4	8.4				
TUBE SETTLER	pH		7.4	7.4	7.2	7.2				
CCT TANK	INLET									
	OUTLET									
		START				STOP				STOP
FILTER PRESS										3800
SLUDGE GENERATION IN Kgs										
MAINTENANCE/BREAKDOWN										
										SIGN OF INCHARGE (SGRH)
REMARKS	<p align="center">[Signature]</p> <p align="center">01/03/2024</p>									

LOGSHEET OF ETP-20 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY	DATE	
NAME	30-03-2024	
IN	SIGNATURE OF OPERATOR	
9.00	[Signature]	
5.30	[Signature]	
	[Signature]	



Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER		
						START	STOP	TOTAL
LIME		SOL		500 gr	4.1 kg			
ALUM		SOL		500 gr	4.1 kg			4.1
POLY		SOL		15 gr	1.1 kg	70 gr		4.0
HCL								
CAUSTIC								

EFFLUENT MONITORING PARAMETER PH/PRESSURE

TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
EQUILIZATION TANK		8.4	8.4	8.6	8.6			
TUBE SETTLER		7.2	7.2	7.4	7.4			
CCT TANK	INLET							
	OUTLET							
		START			STOP			STOP

FILTER PRESS								
SLUDGE GENERATION IN KGS								4100
MAINTENANCE/BREAKDOWN								SIGN OF INCHARGE (SGRH)
								[Signature]

REMARKS

[Signature]

30/03/2024

LOGSHEET OF ETP-20 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY		TIME		SIGNATURE OF OPERATOR		DATE	
NAME		IN	OUT				
Vamathankar		9.00	5.30	[Signature]		30-04-2024	



Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER		
						INLET FLOW	STOP	TOTAL
LIME		sol		500 gr	16. kg			
ALUM		sol		500 gr	16. kg		3577.23581.5	4.3
POLY		sol		15 gr	795 gr		3377.03381.2	4.2
HCL								
CAUSTIC								

EFFLUENT MONITORING PARAMETER PH/PRESSURE

	TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
EQUILIZATION TANK	pH	-	8.4	8.4	8.6	8.6			
TUBE SETTLER	pH	-	7.2	7.2	7.4	7.4			
CCT TANK	INLET								
	OUTLET								
			START			STOP			STOP

FILTER PRESS	TREATED WATER	4300
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SLUDGE GENERATION IN KGS	MAINTENANCE/BREAKDOWN	SIGN OF INCHARGE (SGRH)
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REMARKS

[Signature] 30/04/2024

LOGSHEET OF ETP-20 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY	DATE	01-04-2024
NAME	SIGNATURE OF OPERATOR	
<i>Ameshanker</i>	<i>USA</i>	
TIME IN	TIME OUT	
9.00	5.30	



Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER		
						START	STOP	TOTAL
LIME		SOL		500 gm	2543 kg	28 kg		
ALUM		SOL		500 gm	2543 kg	28 kg	3522.035262	4.2
POLY		SOL		15 gm	1 kg	155 gm	3275.032791	4.1
HCL								
CAUSTIC								

EFFLUENT MONITORING PARAMETER PH/PRESSURE

TIME	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
EQUILIZATION TANK pH		8.4	8.4	8.6	8.6			
TUBE SETTLER pH		7.2	7.2	7.4	7.4			
CCT TANK	INLET							
	OUTLET							

FILTER PRESS	START	STOP	STOP
SLUDGE GENERATION IN Kgs			4200

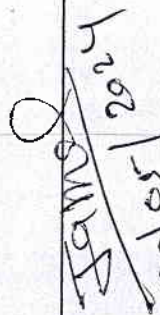
MAINTENANCE/BREAKDOWN	SIGN OF INCHARGE (SGRH)
	<i>[Signature]</i>

REMARKS: *Ameshanker*
01/04/2024

LOGSHEET OF ETP-20 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY		NAME		TIME		SIGNATURE OF OPERATOR		DATE			
Umabhanekar		9:00		5:30		[Signature]		01-05-2024			
Chemical Name		Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY		CHEMICAL BALANCE				
LIME		50l	50l	500 gm		7 kg	START	STOP	TOTAL		
ALUM		50l	50l	500 gm		7 kg	3585.9	3596.3	4.4		
POLY		50l		15 gm		280 gm	3385.5	3389.8	4.3		
HCL											
CAUSTIC											
EFFLUENT MONITORING PARAMETER PH/PRESSURE											
EQUILIZATION TANK		pH		6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
TUBE SETTLER		pH			8.2	8.4	8.4	8.6			
CCT TANK		INLET			7.4	7.4	7.6	7.6			
		OUTLET									
FILTER PRESS					START			STOP			STOP
SLUDGE GENERATION IN Kgs											4400
SIGN OF INCHARGE (SGRH)											
[Signature]											
REMARKS		MAINTENANCE/BREAKDOWN [Signature] 01/05/2024									

LOGSHEET OF ETP-20 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY		NAME		IN	OUT	SIGNATURE OF OPERATOR	DATE
		Umashankar		9.00	5.30	U.S.	30-05-2024
Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY		CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER
LIME		50 L		500 gm		16. Kg 500 gm	
ALUM		50 L		500 gm		16. Kg 500 gm	INLET FLOW 3696.23700.6
POLY		50 L		15 gm		4 Kg 925 gm	OUTLET FLOW 3494.33498.6
HCL							
CAUSTIC							
EFFLUENT MONITORING PARAMETER PH/PRESSURE							
	TIME	6.00	9.00	12.00	15.00	18.00	23.00
EQUILIZATION TANK	pH	—	8.4	8.4	8.6	8.6	
TUBE SETTLER	pH		7.2	7.2	7.4	7.4	
CCT TANK	INLET						
	OUTLET						
				START		STOP	STOP
FILTER PRESS							TREATED WATER 4400
SLUDGE GENERATION IN Kgs							
MAINTENANCE/BREAKDOWN							
SIGN OF INCHARGE (SGRH)							
REMARKS							
<p align="center">  JAMES 30/05/2024 </p>							

LOGSHEET OF ETP-20 KLD - SIR GANGARAM HOSPITAL, NEW-DELHI

OPERATOR ON DUTY	NAME		IN	OUT	SIGNATURE OF OPERATOR	DATE
	Ananthanar		9.00	5.30	<i>[Signature]</i>	01-06-2024



Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER		
						START	STOP	TOTAL
LIME		50L		500 gr	15 kg 500 gr			
ALUM		50L		500 gr	15 kg 500 gr	INLET FLOW	3705.1	3709.5
POLY		50L		15 gr	4 kg 895 gr	OUTLET FLOW	3503.0	3507.3
HCL								
CAUSTIC								

EFFLUENT MONITORING PARAMETER PH/PRESSURE									
EQUILIZATION TANK	pH	6.00	9.00	12.00	15.00	18.00	23.00	24.00	3.00
TUBE SETTLER	pH			7.2	7.2	7.4	7.4		
CCT TANK	INLET								
	OUTLET								
									STOP
									STOP
FILTER PRESS									4400
SLUDGE GENERATION IN Kgs									

MAINTENANCE/BREAKDOWN

SIGN OF INCHARGE (SGRH)

[Signature]

REMARKS

[Signature]

LOGSHEET OF ETP-20 KLD - SIR GANGARAM HOSPITAL ,NEW-DELHI

OPERATOR ON DUTY	NAME		SIGNATURE OF OPERATOR		DATE
	IN	OUT			30-06-2024
	9:00	5:30	[Signature]		



Chemical Name	Vol. Start	Vol. Main	Vol. Stop	CONSUMPTION/DAY	CHEMICAL BALANCE	EFFLUENT WATER MONITORING FLOWMETER		
						INLET FLOW	STOP	TOTAL
LIME		50L		500 gr	4. kg	3807.2	3811.6	4.4
ALUM		50L		500 gr	4. kg			
POLY		50L		15 gr	4. kg 550 gr			4.3
HCL								
CAUSTIC								

EFFLUENT MONITORING PARAMETER PH/PRESSURE

EQUIVILIZATION TANK	PH	TIME			23.00	24.00	3.00
		6.00	9.00	12.00			
			8.6	8.6	8.4		
TUBE SETTLER			7.4	7.4	7.2		
CCT TANK	INLET						
	OUTLET						
		START			STOP		STOP

FILTER PRESS	TREATED WATER	4400
SLUDGE GENERATION IN Kgs		

MAINTENANCE/BREAKDOWN

SIGN OF INCHARGE (SGRH)

REMARKS

[Signature]

30/06/2024



Sir Ganga Ram Hospital



Ref.: SGRH/Project-ETP / Block B-1/2024

Dt. 29.05.2024

M/s Rasayan Udyog
C-349, Sector -10, Noida
Uttar Pradesh - 201301
Mobile : 9354781237 / 9999209388
Mail id: drshahidalikhan@hotmail.com; khan@rasayanudyog.in

Sub.- Supply, erection, installation, testing and commissioning of Effluent Treatment Plant 10 KLD with SCADA / PLC and BMS System on-line monitoring in Control Room for building Block B-1, Sir Ganga Ram Hospital New Delhi.

Ref.- a) Your quotation dated 16.02.2024 and negotiation dated 18.03.2024
b) quotation for SCADA/ PLC & BMS system dated 26.03.2024

This has reference to subject work, we are pleased to place on you the work order for carrying out the subject works for an amount of **Rs.14,75,000.00 + GST (Rupees Fourteen Lakhs Seventy Five Thousand only plus GST)**.

The work order is issued subject to following terms & conditions :-

- 1. Engineer-In-Charge:** Engineer-In-Charge shall mean Project Director (Design & Construction), the person designated by the Sir Ganga Ram Trust Society (Owner) and shall include those who are expressly authorized by him to act for and on his behalf for the purpose of operation of this contract.
2. The quantities furnished in the bills of quantities are only probable quantities liable to alteration by omission, deduction or addition, and it should be clearly understood that the contract is NOT a lump-sum contract and the Project Director / Employer, does not, in any way, assure the tenderer or guarantee that the said probable quantities are correct or that the work would correspond thereto. Payments will be regulated on the actual quantities of work executed at site at the accepted rates.
3. The tenderer must obtain for himself, on his own responsibility and at his own expense, all the information necessary including risks, contingencies and other circumstances to enable him to make a proper tender and to enter into a contract with the Employer; he must examine the drawings, specifications, conditions and so on and must inspect the site of work, examine the nature of the ground and the subsoil (so far as is practicable), and acquaint himself with local conditions, means of access to the work, the nature of work and, in fact, all matters pertaining thereto before he submits his tender.
4. The rates quoted in the bills of quantities shall, unless specified otherwise, be deemed to be for finished work in-situ, item by item as provided for, and shall include cost for all necessary material and labour, all necessary incidental charges, tools, plant and machinery, sheds, marking out, insurance, clearing site, transportation with loading & unloading, shop drawings etc. and for all taxes and duties **excluding GST**.

If applicable Labour Cess @1% shall be deducted from the bills and deposit the same with the Labour Department for which challans shall be provided to the contractor.

5. **Water & electricity charges:** The water & electricity shall be provided by Sir Ganga Ram Hospital at one point free of cost and there shall be no deduction on this account.

Cont.....2/-

Sir Ganga Ram Hospital Marg, Rajinder Nagar, New Delhi 110060, INDIA

Phones : +91-11-25750000, 42254000 Fax : +91-11-25861002 Email : gangaram@sgrh.com Website : www.sgrh.com



Sir Ganga Ram Hospital



-: 2 :-

6. The contractor shall be fully responsible for the supply of all materials required for construction.
7. The Employer does not take any responsibility for payment of fines, penalties, demurrage and so forth due to the contractor not taking timely action in clearing the said materials off railway wagons, sidings, yards, from stockiest / suppliers godowns/yards, etc.
8. Completion Period with commissioning shall be two months.
9. The Employer further reserves the right to delete or reduce any item or section of the bill of quantities or alter the drawings without assigning any reason whatsoever therefore and no claim will be entertained for such actions.
10. **Payment Terms:**
 - a. 70% of item rate shall be released (Secured Advance) against delivery of material at site against producing the original bill vouchers.
 - b. 15% of item rate shall be released after installation of equipment.
 - c. 15% of item rate shall be released against successful testing, commissioning and handing over.
 - d. The actual quantities executed at site shall be measured for payment.
 - e. Security Deposit, otherwise called "Retention Money" equivalent to 5% of the value of the bill to a maximum upto 5% of the contract value shall be deducted from running account bills / final bill.
Retention Money as deducted above (5%) shall be returned after 12 months of Defect Liability Period.
The Security Deposit or Retention Money will bear no interest whatsoever.
11. The work is to be carried out in accordance with the BIS specifications in addition to the instruction of Project Director, forming part of the tender documents.
12. The work or any part of it shall not be transferred, assigned or sublet without the prior written consent of the Project Director.
13. The contractor shall be required to co-operate and work in co-ordination with and afford reasonable facilities for such other agencies/specialists as may be employed by the Employers on other works/sub-works connected with the projects/scheme of which this work forms a part.
14. The contractor is required to comply with all Acts of Government relating to labour and the rules and regulations made there under from time to time and to submit at the proper times all particulars and statements required to be furnished to the Labour Department or other statutory Authorities.
15. The contractor will be required to take CAR and Workman Compensation Policy as applicable under the Government norms, insure the work against loss or damage by fire and/or natural calamities such as flood, drought, hurricane, etc., other than the risks excepted in terms of the contract, with an insurer whose name is to be approved by the Employer and keep it insured until one month after the date of taking over of the works/installations by the Employer, or as stated elsewhere in the contract.



Cont.....3/-



Sir Ganga Ram Hospital



-: 3 :-

16. Contractor to conform to local regulations: The contractor shall bring to the attention of the Project Director / Employer all notices required by the said Acts, regulations or by-laws to be given to any Authority and pay to such Authority or to any Public Office all fees that may be properly chargeable in respect of the works and lodge the receipts with the Project Director /Employer. The contractor shall indemnify the Employer against all claims in respect of patent and intellectual rights and shall defend all actions arising from such claims and shall himself pay all royalties, licence fees, damages, cost and charges of all and every sort that may legitimately be incurred in respect thereof.

17. The contractor will be required to supply, at his own expense, to the Project Director, copies of photographs of the works in digital form, taken from approved locations of each building at intervals of not more than two weeks during the progress of the work and also at every important stage of the construction.

18. Labour shall not be allowed to stay at site, contractor to arrange for the accommodation and other requirements of labour with their transportation to & fro from the site. There is no storage space for materials available at site. Contractor to arrange of his own space under his own responsibility. Contractor to make suitable arrangement including security for the safeguard of his materials, from rain protection and otherwise.

19. "Escalation" – No request for additional payment on account of escalation shall be entertained by the Project Director. The Contract value and rates in the Bill of Quantities shall be deemed to have catered for any escalation during the contract period or any extended period. Any Statutory Variation during the contract period increase or decrease shall be borne by the Employer and wherever Basic Rates of some items are mentioned in the BoQ, any \pm in the basic rate shall be in the scope of Employer and the Employer shall pay / deduct only the difference in the basic price.

20. There shall be no claim admissible on any account due to NGT ban, Corona or under any other circumstance/ hindrance-not in the control of the contractor unless directed by Supreme Court or any Government Notification.

21. Rates quoted shall include all the operations, materials etc. mentioned in the specifications, Schedule of Quantities, these preambles and required to complete the job.

22. Rates quoted shall include all labours, materials tools plants, equipments, hoists, tackles, scaffolding and other sundries etc. for workman like completion of work.

23. Rates quoted shall be for all heights, depths and leads unless otherwise, specified in the Schedule of quantities.

24. Virtual completion of works/ installations shall mean the substantial completion of the work/ installations in accordance with the contract enabling the Employer to take over the same.

Cont.....4/-



Sir Ganga Ram Hospital



-: 4 :-

25. Contractor responsible for setting out work: The contractor shall, on the basis of dimensioned drawings and information necessary for the purpose and furnished by the Project Director, set out the works on site at his own expense and be responsible for the correctness of the positions, levels, dimensions and alignment of all parts thereof. The checking of any setting out by the representative of the Project Director or of the Employer shall not in any way relieve the contractor of his responsibility for the correctness thereof and he shall amend, at his own cost and to the satisfaction of the Project Director / Employer, any error in the setting out or consequential to wrong setting out, found at any stage during the progress of the work or during the defects liability period even after completion of the work.
26. Extra Items: Extra items shall be worked out based on actual market rates of material & labour rate based on minimum wages approved by Delhi Government including wastage, freight charges, loading & unloading of material, sundries tool & tackles & contractor overhead profit @15%. The factor for water & electricity (0.5% for water and 1% for electricity) shall not be considered because of being supplied by Sir Ganga Ram Hospital as agreed. When called upon to do so the contractor shall submit the required purchase bills/ vouchers for verification by the Project Office.
27. Completion Certificate: The works shall not be considered as completed until the Project Director has certified in writing that they have been virtually completed and the defects liability period shall commence from such certified date of virtual completion of work.
28. Responsibility for safety of buildings: The contractor shall be responsible for the safety of the works (including the materials, temporary buildings and plant) until they are taken over by the Employer and they shall stand at the risk, and be in the sole charges of the contractor, who shall be responsible for and must with all possible speed make good all damage from whatever cause.
29. Nuisance: The contractor shall not at any time do, cause or permit any nuisance on the site or do anything which shall cause unnecessary disturbance or inconvenience to Employers, tenants or occupiers of other properties near the site and to the public generally. Dust mitigation norms to be followed by covering the sand, sprinkling water to mitigate the dust and segregating the area by green cloth.
30. Watching and Lighting: The contractor shall provide and maintain at his own expense all lights, guards, fencing and watching for his own materials and also he needs to provide when and wherever necessary or required by the Project Director for the protection of the works or for the safety and convenience of those employed on the works or the public.
31. The Contractor shall, while claiming the Secured Advance as above or otherwise, when required by the Project Director, produce all quotations, invoices, vouchers, accounts or receipts, test reports etc. to prove that the materials supplied by the Contractor are in conformity with the Specifications.
All materials brought to the Site and on which Secured Advance has been paid shall become and remain the property of Client and shall not be removed off the Site without the prior written approval of the Project Director.
32. The Schedule quantity and BoQ shall be as per attached Annexure –A.

Cont.....5/-





Sir Ganga Ram Hospital



-: 5 :-

33. **Specification /make** : Design Criteria, Description of Treatment process & units, Scope of work, Electrical Load, Scope of Supply and Schedule of Exclusions as per attached Annexure-B.

34. **Damage to other works**: The contractor shall take all possible care not to disturb the features of the existing building including existing cabling, wiring, etc. as the construction work is in progress. Any damage done by the Contractor the same shall be made good at his own cost and risk.

Any damage done by him to the work already done by the other Contractor shall be made good by the contractor at his own risk, cost and responsibility. He shall also ensure that any default or breach of statutory duty by the Contractor or any personal injury to or death of any person whomsoever arising out of or caused by carryout of the Work and no third person suffers any loss / damage without any liability on the owner and in case owner suffers any loss then the contractor undertakes to indemnify the same.

35. **Arbitration Clause**: It shall be governed as per Arbitration Act 1996 and as amended from time to time. Arbitration proceedings will take place in New Delhi, and shall be subject to jurisdiction of the courts in New Delhi.

36. **Jurisdiction** : The CONTRACT shall be governed according to the laws in force in INDIA. The Courts at DELHI only will have the jurisdiction to hear and decide.

You are requested to acknowledge the receipt and convey its acceptance & commence the work immediately.

Thanking you,
For Sir Ganga Ram Hospital


(D S Yadav)
Project Director (Design & Construction)
Enclosure : a/a





Sir Ganga Ram Hospital



Annexure – A

Schedule of Quantities

Supply, erection, installation, testing and commissioning of Effluent Treatment Plant 10 KLD with SCADA / PLC and BMS System on-line monitoring in Control Room for building Block B-1, Sir Ganga Ram Hospital New Delhi.

S. No.	Description of items	Qty.	Unit	Rate (in Rs.)	Amount (in Rs.)
1	Supply, installation, testing, commissioning- Capacity of effluent treatment plant 10 KLD with secondary treatment submitting all the required civil GA drawing for execution	1	Lot	5,75,000.0	5,75,000.0
(a)	Main effluent treatment plant Electro mechanicals with MSFRP tanks				
2	Supply, installation, testing, commissioning- CCT HDPE	1	No.	2,800.0	2,800.0
3	Supply, installation, testing, commissioning- Motor covers	1	No.	35,000.0	35,000.00
4	Supply, installation, testing, commissioning -Elevated MS Platform with ladder & railing Platform base square pipe (150 x150 x 4 mtr.) size 4000 mm x 3250 mm with top chequer plate (4 mm thick). Railing pipe size 40 mm with ladder steps made of angle frame and at the top footing with chequer plate. Painting of platform with redoxide primer than epoxy paint over it.	1	Set	50,000.0	50,000.00
5	Supply, installation, testing, commissioning -UV System	1	Set	35,000.0	35,000.00
6	Supply, installation, testing, commissioning- Electrical control panel wiring & cable tray	1	Set	45,000.0	45,000.00
7	Supply, installation, testing, commissioning -Effluent Storage Tank MOC SS 316 Liter Capacity 9 KL	1	Set	3,75,000.0	3,75,000.0
	Sub-Total				11,17,800.0
	Less Discount offered @4.473%				50,000.0
	Sub-Total				10,67,800.0
8	Additional cost for providing Storage Tank MOC SS 316 with 3 mm thick sheet instead of 2.5 mm (on item no.7)	1	Set	1,10,000.0	1,10,000.0
	Sub-Total				11,77,800.0
	Say				11,75,000.0
9	Additional cost for providing, installation and commissioning of SCADA / PLC and BMS System on-line monitoring in Control Room, MCC Panel, SCADA- Siemens, PLC-Siemens, System DELL /HP, Core i5, 8 GB RAM.	1	Lot	3,00,000.0	3,00,000.0
	Grand Total				14,75,000.0
	GST				Extra

Note –

1. Warranty / Defect Liability Period – one year. The consumables shall be provided by our Maintenance Department and operational cost for manpower shall be beared by you. Nothing extra shall be paid on this account. CMC to be finalized next year.

2. Wiring for item no.9 from ETP Plant to BMS room is excluded which shall be provided by the SGRH.

Thanking you

For Sir Ganga Ram Hospital

(D S Yadav)

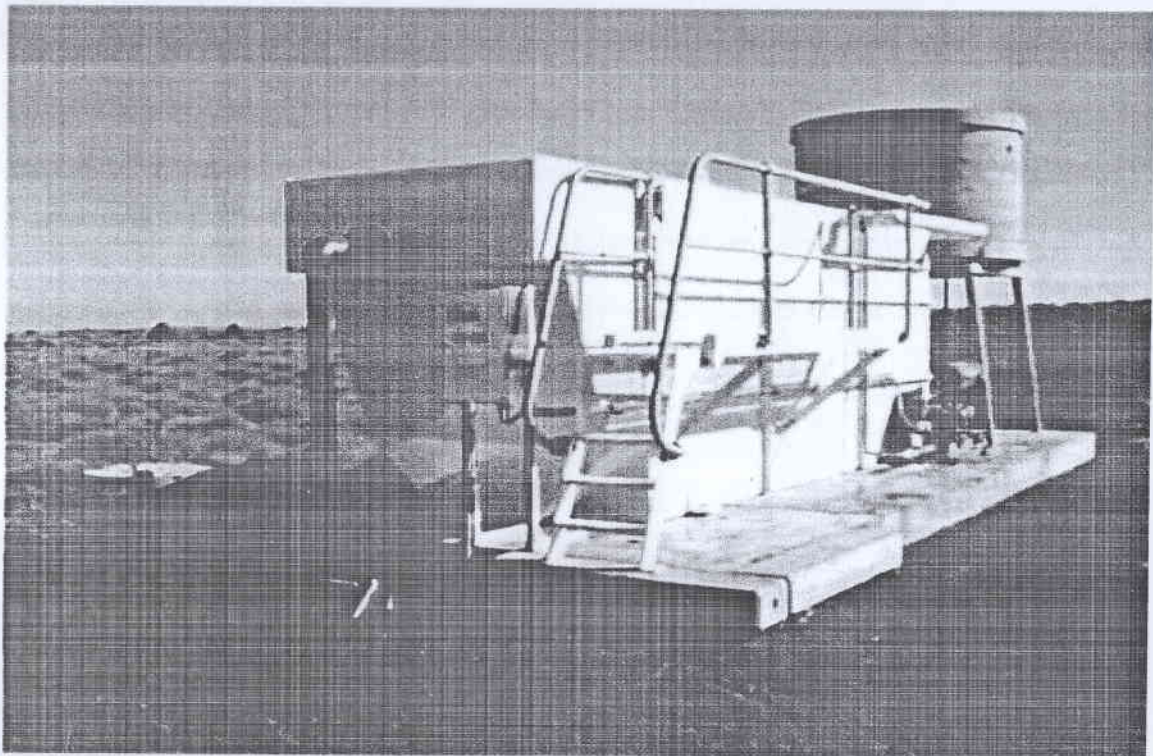
Project Director (Design & Construction)

Sir Ganga Ram Hospital Marg, Rajinder Nagar, New Delhi 110060, INDIA

Phones : +91-11-25750000, 42254000 Fax : +91-11-25861002 Email : gangaram@sgrh.com Website : www.sgrh.com

Project Name : 10 KLD ETP AT NEW BLOCK
Model : ETP-10

RASAYAN UDYOG OFFERS TOTAL WASTE WATER ENGINEERING SOLUTIONS



EFFLUENT TREATMENT PLANT

CE

[Signature]
D.S. YADAV
GAB
2552
Project Office

DESIGN BASIS**INCOMING EFFLUENT:**

- | | | | |
|----|------------------|---|---------------|
| a) | Source | : | OT wash water |
| b) | Generation Norms | : | Batch wise |
| c) | Flow | : | 10 KLD |

TREATED EFFLUENT:

The proposed system is designed to achieve the following desired standards:

pH	6 to 8
BOD	<25
COD	<100
Iron	<0.1 ppm
Chlorides as Cl	15 – 20 ppm
Chromium	Nil
Ni, Hg, As, Cn	Nil



DESCRIPTION OF TREATMENT PROCESS

The Effluent reaches to ETP from all the proposed discharge are made homogeneous in the equalization tank which is kept above the ground using Stainless Steel storage tank where aeration is done to mix and homogenise the waste water also BOD/COD reduction in return. Then alum is added in reaction chamber using metering dosing pump, alum dosed which will treat suspended solids present in water gets coagulated and further settled down at settling tanks which contains PVC Tube Deck media at 60 degree Angle which helps the solids for rapid settlement.

During pretreatment the effluent will require pH adjustment by lime dosing to a pH of between 8.5 to 9.5. A pH over 9 will usually be required to obtain optimum insolubility of ZN, CD, NI, Pb & Cu. Most of the inorganic heavy metals are removed by chemical precipitation. Metals precipitate at the different pH levels depending upon various factors.

After primary tube settler effluent flows to aeration tank for further BOD reduction then it goes to secondary tube settler where solids get separated and removed through filter press.

The reagent chemical generally used for the neutralization process is lime slurry. When lime is added to effluents, it reacts with the neutral bicarbonates alkalinity to precipitate CaCO_3 . The excess calcium ions will then react with phosphates.

The effluent is finally flows from top of secondary Tube settler tank to chlorine contact tank where the tertiary treatment is made filtration & carbon filter adsorption for color odor removal, also disinfection by Ultraviolet treatment. Thus final BOD/COD correction are made then discharge to STP sewer.

The sludge collected at the bottom of the tube settler are taken to the filter press. The liquid part filtrate and clear water is transfer to further Equalization Tank and sludge is collected & send for land filling.

Rasayan
Udyog

CL



BRIEF DESCRIPTION OF THE SYSTEM OFFERED

MODEL ETP-10

This proposed technology offer distinct advantage over other technologies like conventional activated sludge process, bio-towers, and others. The salient features of effluent treatment technology, offered by Rasayan Udyog, are as follows:

- A Very compact design for modular units
- Maximum treatment efficiency
- No smell or bad Odor
- Excellent process stability for the shock loads
- Minimum reactor volume and area requirements
- Fully digested minimum excess sludge production
- Minimum process control, operation and maintenance
- Treated effluent water can be reused / recycled for gardening horticulture, toilet flushing and cooling tower make up water after softening
- Economically viable units for the cost effective solutions

Rasayan
Udyog

BE



SCOPE OF WORK

- 10 KLD ETP will be designed based on parameters.
- Plant will be erected, commissioned.
- Process will be controlled using dosing i.e. based on pH values dosing will be adjusted.
- Levels of tanks will be controlled using level control devices.
- Flow will be measured using electromagnetic flow meters.
- Treated water will be U.V. irradiated.

ENGINEERING SERVICES

We provide following engineering services for this project:

DRAWINGS:

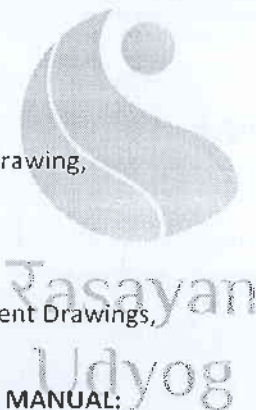
- Process flow drawing,
- Process and Instrumentation drawing,
- Plant layout drawing,
- Process parameter sheets,
- Mechanical General Arrangement Drawings,

OPERATION & MAINTENANCE MANUAL:

- Three (2) sets of Detailed operation and maintenance manual for the individual equipment and complete operation / maintenance / monitoring & trouble shooting of the of the treatment plant.
- Three (2) sets of As-built drawings indicating as-built piping drawing, plant layout, and equipment layout.

FIELD SERVICES:

- Operator's training,
- Testing and commissioning services at site and monitoring of the plant performance during commissioning period for 1 week.



ENERGY / POWER REQUIREMENT

S.No.	Description	Nos.	Load in KWH	Working Hours / Day
1	Raw effluent Relift Pumps	2 Nos.	0.75 kw (1 W+1S)	12 hrs.
2	Air Blowers	2 Nos.	1.0 kw (1 W+1S)	24 hrs.
3	Chemical dosing pumps	4 Nos.	200 watts	12hrs.
4	Filter press feed Pump	1 No.	0.75 KW	2hrs.
5	U.V. System	1 No.	150 watts	12 hrs.
6	Filter feed pumps	2 Nos.	0.375 KW	12 Hrs.
7	Flocculation Tank agitator	1 No.	0.375 LW	12 Hrs.

Total Load- **4.2 KW (Approx.)**

Area Requirement- **10.35 M2**

**Rasayan
Udyog**

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SCOPE OF SUPPLY

S.No.	Description	Technical specification
1	Bucket Type Bar Screen	
	Size	Rasayan Udyog
	MOC	165 mm x450 mm
	Nos	SS-304
		1No.
2	Water Level Controller (WLC)	
	Quantity	
	Make	02 Set
		Waree
3	Raw Effluent Relift Pumps	
	Make	
	Nos	ITTLowara/Wilo/Equivalent
	Type	2 nos. (1 standby+1 working)
	MOC of shaft & impeller	Centrifugal/submersible
	Discharge	SS-304
	Head	1.25 m3/hr.
	Solid Handling	10 m
		25MM
4	Filter Feed pump	
	Make	
	Quantity	ITT Lowara/Wilo/Equivalent
	Type	2 nos.
	Discharge	centrifugal
	Head	1.25 m3/hr.
	Particle handling	30 m
		15 mm
5	Tube Deck Media for Tube Settlers & MBBR Media	
	Type of Tube Deck Media	
	Make	PVC, Tube type
	MBBR Media for aeration tank	cool deck/Equivalent
	All Interconnecting Piping inside the plant room to complete the system.	1 lot
6		
	Make	
	Nos	Tata/Astral
	MOC	1 Lot
		Air line header MS Epoxy/UPVC
7	Chemical Dosing systems	

	Make	E-Dose/Equivalent
	Feed solution	NaOCl/alum/Lime/Poly
	Conc. of solution	10%
	MOC of tank & Capacity	HDPE - 60 Liters
8	Electrical panel + Cabling	
	Details	As per Equipment's requirement
	Make	RasayanUdyog's approved Vendor
9	Instrumentation Details	
	(A) Flow Meter	
	Type	Electromagnetic type
	Quantity	2Nos.
	Size	25 mm
	Make	Scientific device/RWell
	(B) Pressure Gauges	H-Guru
	Range	0-7 Kg/Cm2
	MOC	S.S.-304, Glycerin filled
	(C) pH meter with sensor 5 meter cable	Aster(ETP Model)
10	U.V. System	
	Quantity	1 no.
	Make	Alfa/Omex-150
	MOC	S.S.-316
	No. of Lamps	2nos.
	Length of tubes	325 mm
11	Air Blower	
	Quantity	2nos.
	Make	Everest/Equivalent
	Type	Centrifugal
	Service	Continuous
	Capacity	15 m3/Hr.
	Static pressure	0.5 Kg/cm2
	Motor	1 KW
12	DMF & ACF Filters	
	Quantity	1no.each
	Make	Pentair/Equivalent
	MOC	FRP
	Size	1354
	Velocity	15 m3/m2/Hr.
	Multiport valves	Manual
13	Filter press feed pump (Screw Pump)	
	Make	Rotomac/Equivalent
	Quantity	1 no.
	Type	centrifugal
	Discharge	0.5 m3/hr.

	Head	40 m
14	Filter Press	
	Quantity	1 No.
	Make	Delhi Filter Press/Equivalent
	Size	12"x12"x11nos.
	MOC of Plates	PP
15	Flocculation Tank Agitator	
	Quantity	1 Set
	Type	Geared Motor
	Make	Remi/Equivalent
	Shaft	S.S.-304
	Motor gear ratio	1/100

WATER TANKS DETAIL

1. Equalisation Tank (Above ground)

MOC : S.S.-16 L
 Size : LxBxH= 3.0Mx1.5Mx2.0M
 Capacity : 9.0 KL
 Quantity : 1 No.
 Scope : rasayan udyog

2. Reaction & Flocculation Tank

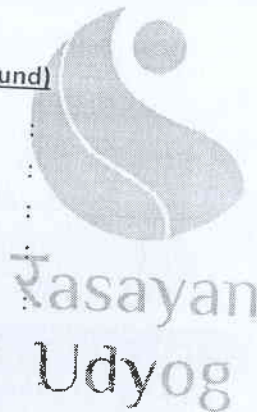
MOC : MSFRP
 Tank : 2Nos.
 Capacity : 0.2 KL (Each)
 Scope : rasayan udyog

3. Primary Settling Tank

MOC : MSFRP
 Quantity : 1 No.
 Capacity : 1.875 KL
 Scope : rasayan udyog

4. Diffuse aeration Tank

MOC : MSFRP
 Quantity : 2Nos.
 Capacity : 2.0 KL each
 Scope : rasayan udyog



5. **Secondary Settling Tank**

MOC	:	MSFRP
Quantity	:	1 No.
Capacity	:	1.785 KL
Scope	:	rasayan udyog

8. **Chlorine contact tank**

MOC	:	HDPE
Quantity	:	1 No.
Capacity	:	0.5 KL
Scope	:	rasayan udyog



EXCLUSIONS

- Permanent Utilities - Incoming power supply to our control panel.
- Potable water for the testing and commissioning (to be provided by client),



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Delhi Jal Board (दिल्ली जल बोर्ड)

(Government of NCT of Delhi)

www.djb.gov.in

Regular Water Bill



STOP CORONA:

- I. Wear Mask.
- II. Follow Physical Distancing.
- III. Maintain Hand Hygiene.

Name(नाम): DIRECTOR MEDICAL SIR
GANGA RAM HOSPITAL
Address(पता): RAJINER NAGAR,
 Delhi
Mobile No. (मोबाइल): 9810954956
Zone/Loc (क्षेत्र / स्थान): W22 / Rajendra
 Nagar
Area Code (एरिया कोड): A-4
MR Code (एमआर कोड): 541/BULK

KNO(केएनओ): 3165800000

Consumer Category(उपभोक्ता श्रेणी): CAT II
Premise Detail (परिसर विवरण): (No of floors-1)
Meter No. (मीटर संख्या): 15005831
Meter Type (मीटर का प्रकार) (DJB/Pvt): PVT
Bill No. (बिल संख्या): 316612643628
Bill Cycle(बिल चक्र): ZALL(B7-2024)
Bill Basis(बिल आधार): REGULAR

Bill Date(बिल की तिथि)
 21-OCT-2024
Bill Amount (Rs.) (बिल राशि (₹))
 728470
Bill Amount Payable (Rs.) (देय बिल राशि (₹))
 (Nearest up to Rs. 10) (नजदीक 10 ₹ तक)
 728470
Bill Due Date(बिल देय तिथि)
 07-NOV-2024
Amount Payable After Due Date(Rs.)
 (देय तिथि के बाद देय राशि (₹))
 764893

Meter No (मीटर संख्या)	UoM	Current Meter Read (मीटर की वर्तमान रीडिंग)		Previous Meter Read (मीटर की पिछली रीडिंग)		Consumption (खपत)	
		Meter Reading Date (मीटर रीडिंग की तारीख)	Reading / Meter Status (रीडिंग / मीटर स्थिति)	Meter Reading Date (मीटर रीडिंग की तारीख)	Reading / Meter Status (रीडिंग / मीटर स्थिति)	Days (दिन)	Units (यूनिट)
15005831	KL	21-OCT-2024	647812 / OK	30-SEP-2024	644736 / OK	21	3076

Bill Details: Current Period Charges (बिल विवरण: वर्तमान अवधि शुल्क): (30-SEP-2024 to 21-OCT-2024)

Applicable Rate Period	Description	Amount(Rs.)
01-OCT-2024 to 21-OCT-2024	Total Consumption Charges	535066.90
01-OCT-2024 to 21-OCT-2024	Sewage Charge (60% of Water Consumption Charge)	321040.14
01-OCT-2024 to 21-OCT-2024	Service Charge - Consumption > 100 KL	922.38
01-OCT-2024 to 21-OCT-2024	Sub Total Bill Amount without Meter Rent	857029.42
01-OCT-2024 to 21-OCT-2024	Discount for WH or WWR(10% of Total Water Bill)	-85702.94
01-OCT-2024 to 21-OCT-2024	Discount for both WH & WWR(5% of Total Water Bill)	-42851.47
01-OCT-2024 to 21-OCT-2024	Subtotal Bill Amount	728475.01
Adjustment Details Are Listed Below		

Arrear, If any (Rs.) (बकाया, यदि कोई (₹)) -5.69

Total Consolidated Bill Amount Payable (Rs.) (कुल समेकित बिल राशि देय (₹)) 728470

Late Payment Surcharge (Rs.) (देर से भुगतान पर अधिभार) 3642
 (5% surcharge will be applicable after due date) (देय तिथि के बाद 5% अधिभार लागू होगा)
 Amount with LPSC after due date (Rs.) (देय तिथि के बाद अधिभार के साथ राशि (₹)) 347 764893

PAYABLE AMOUNT TO AVAIL REBATE SCHEME (Rs.) (बुट श्रेणियों के लिए देय राशि (₹))

Bill History (बिलन विन)					Payment History (पिछला भुगतान)				
Bill from Date	Bill to Date	Days	Reading	Status	Units	Amount(Rs)	Receipt Id	Amount(Rs)	Date
31-AUG-2024	30-SEP-2024	30	644736	OK	5101	1209535	31662282451	1209540.00	15-OCT-2024
31-JUL-2024	31-AUG-2024	31	430635	OK	6280	1492846	316574070888	1492850.00	17-SEP-2024
15-JUN-2024	31-JUL-2024	46	333347	OK	6365	1506806	31636067552	1506810.00	12-SEP-2024
15-MAY-2024	15-JUN-2024	31	620982	OK	5280	1254389	316693797085	1254390.00	12-JUL-2024
13-APR-2024	15-MAY-2024	32	621692	OK	5074	1202469	316664388172	1202470.00	29-MAY-2024

Important Message

Bill is not paid till Bill Due Date- connection may be disconnected (यदि बिल देय तिथि तक बिल का भुगतान नहीं किया जाता है, कनेक्शन काट दिया जा सकता है)

For any assistance / query : Please call 1916 or (किसी भी सहायता / जानकारी के लिए: 1916 पर कॉल करें या पर जाएं)



Delhi Jal Board Bill Payment Counter Foil

Cheque / DD should be drawn in favour of DJB in the following format
चेक / डिमांड ड्राफ्ट द्वारा भुगतान करने के लिए निम्न फॉर्मेट का उपयोग करें: DJB KNO

KNO(केएनओ)	3165800000	Name(नाम)	DIRECTOR MEDICAL SIR GANGA RAM HOSPITAL	Bill No. (बिल संख्या)	316612643628
Bill Date(बिल की तिथि)	21-OCT-2024	Bill Due Date (बिल देय तिथि)	07-NOV-2024	Bill Amount (Rs.) (बिल राशि (₹))	728470
Bill Amount with LPSC (Rs.) (LPSC के साथ बिल राशि (₹)):	764893	Payment Date/ (भुगतान की तारीख)		Cash/Cheque No./DD No. (काश / चेक नंबर / डीडी नं. :)	
		Amount Paid(Rs.) (राशि का भुगतान (₹))			

Handwritten signature/initials



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- II. Follow Physical Distancing.
- III. Maintain Hand Hygiene.

Delhi Jal Board (दिल्ली जल बोर्ड)

(Government of NCT of Delhi)

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Regular Water Bill



DRINK SAFE WATER
WATER PURIFIER USE

www.djb.gov.in

Name(नाम): SUJATA SHARMA Address(पता): SIR GANGA RAM RAM HOSPITAL, OLD RAJENDRA NAGAR, RAJENDRA NAGAR, 110060 Mobile No. (मोबाइल): 9810954956 Zone/Loc (क्षेत्र / स्थान): WZ2 / Rajendra Nagar Area Code (एरिया कोड): A-4 MR Code (एमआर कोड): 541/ KNO(केएनओ): 9389624595	Consumer Category(उपभोक्ता श्रेणी): CAT II Premise Detail (परिसर विवरण): Hospital/Nursing Home(No of floors-4,No of beds-200) Meter No. (मीटर संख्या): DUMMY Meter Type (मीटर का प्रकार): (DJB/Pvt): Bill No. (बिल संख्या): 938108185923 Bill Cycle(बिल चक्र): (B7-2024) Bill Basis(बिल आधार): REGULAR	Bill Date(बिल की तिथि) 21-OCT-2024 Bill Amount (Rs.) (बिल राशि (₹) ;) 506029 Bill Amount Payable (Rs.)(देय बिल राशि (₹)) (Nearest up to Rs. 10) (समग्र 10 ₹ तक) 506030 Bill Due Date(बिल देय तिथि) 07-NOV-2024 Amount Payable After Due Date(Rs.) (देय तिथि के बाद देय राशि (₹)) 531330
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Meter No (मीटर संख्या)	UoM	Current Meter Read (मीटर की वर्तमान रीडिंग)		Previous Meter Read (मीटर की पिछली रीडिंग)		Consumption (खपन)	
		Meter Reading Date (मीटर रीडिंग की तारीख)	Reading / Meter Status (रीडिंग / मीटर स्थिति)	Meter Reading Date (मीटर रीडिंग की तारीख)	Reading / Meter Status (रीडिंग / मीटर स्थिति)	Days (दिन)	Units (यूनिट)
DUMMY	KL	21-OCT-2024	68874 / OK	30-SEP-2024	67084 / OK	21	1790

Applicable Rate Period	Description	Amount(Rs.)
01-OCT-2024 to 21-OCT-2024	Total Consumption Charges	399128.96
01-OCT-2024 to 21-OCT-2024	Sewerage Charge (60 % of Water Consumption Charge)	185477.74
01-OCT-2024 to 21-OCT-2024	Service Charge - Consumption > 100 KL	922.38
01-OCT-2024 to 21-OCT-2024	Additional Sewerage Maintenance Charge for Hospitals/NH	10500.00
01-OCT-2024 to 21-OCT-2024	Sub Total Bill Amount without Meter Rent	506029.68
01-OCT-2024 to 21-OCT-2024	Subtotal Bill Amount	506029.68
	Adjustment Details Are Listed Below	

Arrear, If any (Rs.) (बकाया, यदि कोई (₹))	-1.13
Total Consolidated Bill Amount Payable (Rs.) (कुल समेकित बिल राशि देय (₹))	506029
Late Payment Surcharge (Rs.)(देर से भुगतान पर अधिभार)	2530
Late surcharge will be applicable after due date(देय तिथि के बाद 5% अधिभार लागू होगा)	1.43
Amount with LPSC after due date (Rs.) (देय तिथि के बाद अधिभार के साथ राशि (₹))	531330

PAYABLE AMOUNT TO AVAIL REBATE SCHEME (Rs.) : छुट योजना का लिए देय राशि (₹)									
Bill History (पिछला बिल)					Payment History (पिछला भुगतान)				
Bill from Date	Bill to Date	Days	Reading	Status	Units	Amount(Rs)	Receipt Id	Amount(Rs)	Date
31-AUG-2024	30-SEP-2024	30	67084	OK	2902	820389	938370550657	820400.00	25-OCT-2024
31-JUL-2024	31-AUG-2024	31	64180	OK	3929	1108667	938420016235	1108670.00	17-SEP-2024
15-JUN-2024	31-JUL-2024	46	60251	OK	3489	987327	938496647363	987030.00	12-AUG-2024
15-MAY-2024	15-JUN-2024	31	56762	OK	3072	867764	938120923653	867760.00	12-JUL-2024
15-APR-2024	15-MAY-2024	32	53690	OK	2703	764170	938528700787	764170.00	29-MAY-2024

Important Message

If bill is not paid till Bill Due Date- connection may be disconnected (यदि बिल देय तिथि तक बिल का भुगतान नहीं किया जाता है, कनेक्शन पाट दिया जा सकता है)
 For any assistance / query Please call 1916 or (दिल्ली में सहायता / जानकारी के लिए: 1916 पर कॉल करें या www.djb.gov.in पर जाएं)

Delhi Jal Board Bill Payment Counter Foil				Cheque / DD should be drawn in favour of DJB in the following format चेक / डिमांड ड्राफ्ट डाल भुगतान करने का लिए बिल का उपायोग करें DJB KNO	
KNO(केएनओ)	9389624595	Name(नाम)	SUJATA SHARMA	Bill No. (बिल संख्या)	938108185923
Bill Date(बिल की तिथि)	21-OCT-2024	Bill Due Date (बिल देय तिथि)	07-NOV-2024	Bill Amount (Rs.) (बिल राशि (₹))	506029
Bill Amount with LPSC (Rs.): (LPSC के साथ बिल राशि (₹)):	531330	Payment Date/ (भुगतान की तारीख)		Cash/Cheque No./DD No.:	
		Amount Paid(Rs.) (अधिभार के साथ भुगतान (₹))		(चेक / चेक नंबर / डीडी नं.)	
		Name of Bank / Branch (बैंक / शाखा का नाम)			

4.3.2024
23/10/24
Pending
124.1000
Gdada
23/10/24
Surcharge
S. P. P.

Handwritten signature and date
23/10/24

23/10/24



Delhi Jal Board (दिल्ली जल बोर्ड)

(Government of NCT of Delhi)

www.djb.gov.in

Regular Water Bill



Water Conservation

STOP CORONA:

- I. Wear Mask.
- II. Follow Physical Distancing.
- III. Maintain Hand Hygiene.

Name(नाम): THE MEDICAL SUPERINTENDENT
Address(पता): GANGA RAM HOSPITAL, HOSPITAL ROAD., Delhi
Mobile No. (मोबाइल): 9810954956
Zone/Loc (क्षेत्र / स्थान): WZ2 / Rajendra Nagar
Area Code (एरिया कोड): A-4
MR Code (एमआर कोड): 541/BULK
KNO(केएनओ): 9855800000

Consumer Category(उपभोक्ता श्रेणी): CAT II
Premise Detail (परिसर विवरण): (No of floors-1)
Meter No. (मीटर संख्या): 485784
Meter Type (मीटर का प्रकार): (DJB/Pvt): PVT
Bill No. (बिल संख्या): 985161165101
Bill Cycle(बिल चक्र): ZALL(B7-2024)
Bill Basis(बिल आधार): REGULAR

Bill Date(बिल की तिथि)
21-OCT-2024

Bill Amount (Rs.) (बिल राशि (₹))
1404734

Bill Amount Payable (Rs.) (देय बिल राशि (₹))
(Nearest up to Rs. 10) (ताम्र 10 ₹ तक)
1404730

Bill Due Date(बिल देय तिथि)
07-NOV-2024

Amount Payable After Due Date(Rs.)
(देय तिथि के बाद देय राशि (₹))
1474971

Meter No (मीटर संख्या)	UoM	Current Meter Read (मीटर की वर्तमान रीडिंग)		Previous Meter Read (मीटर की पिछली रीडिंग)		Consumption (खपत)	
		Meter Reading Date (मीटर रीडिंग की तारीख)	Reading / Meter Status (रीडिंग / मीटर स्थिति)	Meter Reading Date (मीटर रीडिंग की तारीख)	Reading / Meter Status (रीडिंग / मीटर स्थिति)	Days (दिन)	Units (यूनिट)
485784	KL	21-OCT-2024	133855 / OK	30-SEP-2024	129541 / OK	21	4314

Bill Details: Current Period Charges (बिल विवरण: वर्तमान अवधि शुल्क) (30-SEP-2024 to 21-OCT-2024)

Applicable Rate Period	Description	Amount(Rs.)
01-OCT-2024 to 21-OCT-2024	Total Consumption Charges	752071.12
01-OCT-2024 to 21-OCT-2024	Sewerage Charge (60 % of Water Consumption Charge)	451042.87
01-OCT-2024 to 21-OCT-2024	Service Charge - Consumption > 100 KL	922.78
01-OCT-2024 to 21-OCT-2024	Additional Sewerage Maintenance Charge for Hospitals/NH	29750.00
01-OCT-2024 to 21-OCT-2024	Sub Total Bill Amount without Meter Rent	1234786.77
01-OCT-2024 to 21-OCT-2024	Discount for WH or WWR (10% of Total Water Bill)	-123478.68
01-OCT-2024 to 21-OCT-2024	Subtotal Bill Amount	1111307.55
Adjustment Details Are Listed Below		
	Late payment charge	-221615.30
	Late payment charge	318301.80
	Late payment charge	221615.30
	Late payment charge	321982.20
	Late payment charge	221615.30
	Late payment charge	320992.00

Arrear, If any (Rs.) (वकाया, यदि कोई (₹)) -5.25

Total Consolidated Bill Amount Payable (Rs.) (कुल समेकित बिल राशि देय (₹)) 1404734

Late Payment Surcharge (Rs.) (दर से भुगतान पर अधिभार) 7023
5% surcharge will be applicable after due date) (देय तिथि के बाद 5% अधिभार लागू होगा)

Amount with LPSC after due date (Rs.) 1474971
(देय तिथि के बाद अधिभार के साथ राशि (₹))

PAYABLE AMOUNT TO AVAIL REBATE SCHEME (Rs.) (पूरा कोटा के लिए देय राशि (₹))

Bill History (पिछला बिल)						Payment History (पिछला भुगतान)			
Bill from Date	Bill to Date	Days	Reading	Status	Units	Amount(Rs)	Receipt Id	Amount(Rs)	Date
31-AUG-2024	30-SEP-2024	30	129541	OK	5325	2363285	985375726953	3363290.00	15-OCT-2024
31-JUL-2024	31-AUG-2024	31	124216	OK	8752	2243566	989269930170	2243570.00	17-SEP-2024
15-JUN-2024	31-JUL-2024	46	115464	OK	8806	2177629	985344371048	2177630.00	12-AUG-2024
15-MAY-2024	15-JUN-2024	31	106658	OK	7369	-93808	985520688633	1967480.00	29-MAY-2024
13-APR-2024	15-MAY-2024	32	99289	OK	7736	1987476	985672084092	1645610.00	25-APR-2024

Important Message

If bill is not paid till Bill Due Date- connection may be disconnected (यदि बिल देय तिथि तक बिल का भुगतान नहीं किया जाता है, कनेक्शन काट दिया जा सकता है)

For any assistance / query : Please call 1916 or 1916 पर सहायता / जानकारी के लिए



Delhi Jal Board Bill Payment Counter Foil

Cheque / DD should be drawn in favour of DJB in the following format

(चेक / डिमांड ड्राफ्ट का भुगतान करने के लिए निम्न फॉर्मट पर तैयार करें) DJB KNO

KNO(केएनओ)	9855800000	Name(नाम)	THE MEDICAL SUPERINTENDENT	Bill No. (बिल संख्या)	985161165101
Bill Date(बिल की तिथि)	21-OCT-2024	Bill Due Date (बिल देय तिथि)	07-NOV-2024	Bill Amount (Rs.) (बिल राशि (₹))	1404734

23/10/24

S.K. Waterproofing

Flat No. 201, 2nd Floor, 8A/ 786, Fazalpur Mandawali, Delhi-110092

Mobile: 918010251768, Email ID: sujeetk.8010251768@gmail.com

GST. NO. 07CXIPK7766C1Z7

3rd Quarter - July to September 2024

- 1) Regular cleaning of Pit No-2 - 4/7/2024
- 2) Regular cleaning of Pit No-3 - 5/7/2024
- 3) Regular cleaning of Pit No-4 - 5/7/2024
- 4) Regular cleaning of Pit No-5 - 14/7/2024
- 5) Regular cleaning of Pit No-6 - 17/7/2024
- 6) Regular cleaning of Pit No-7 - 20/7/2024
- 7) Regular cleaning of Pit No-8 - 8/7/2024

Sujeet Kumar

M/s S.K. Waterproofing,
Flat NO.201, 2nd Floor,
8A/786, Fasal Pur,
Mandawali,
New Delhi-110092.

Kind Attention : Mr. Sujeet Kkumar

Sub.: Annual Maintenance Contract for the cleaning & maintenance of Rain Water Soak Pits System 07 nos. installed in premises of Sir Ganga Ram Hospital.

Ref : Your quotation No.Nil, dated 10.01.2024 & approval dated 11.01.2024.

Dear Sir,

This has reference to your proposal dated 10.01.2024 & approval dated 11.01.2024, we are pleased to award you Annual Maintenance Contract (Non-comprehensive) for servicing, maintenance and cleaning of 07 nos. of Rain Water Soak Pits for the period of one year for the total contract value of Rs.1,75,000/- (Rupees One Lakh Seventy-Five Thousand only) plus GST per annum on the following terms & conditions.

Contract Period : The contract period is one year effective from 15.01.2024 to 14.01.2025.

Scope of work

1. AMC includes the servicing, maintenance and cleaning of Rain Water Harvesting Pit as detailed below :

a) Regular Maintenance:

Removal of water and slit from the top of filter media from the structures and disposal of the silt accumulated on the top of the filter material.

- Maintenance of collective drain pipe system from terrace to pits
- Cleaning charges of 7 Soak Pits
- 14 jobs @Rs.3571.43=Rs.50000/-
- Maintenance of Rainwater traps

b) Overhauling of Soak Pits :

- Removal of mud/sludge accumulated at the top of the nursery cloth
- Removal of material from the pit.
- Cleaning of material and putting back to the system.
- Maintenance of all drain pipeline from terrace to pits.
- Maintenance of rainwater traps.
- Overhauling charges of 7 Soak Pits
- 14 jobs @Rs.8928.57/- = Rs.1,25,000/- plus GST

c) Schedule of Servicing:

- 1st Qtr.- from 15.01.2023 to 14.04.2023 - Regular cleaning of all soak pits.
- 2nd Qtr- from 15.04.2023 to 14.07.2023 - Overhauling of Soak Pits
- 3rd Qtr- from 15.07.2023 to 14.10.2023 - Regular cleaning of all soak Pits.
- 4th Qtr- from 15.10.2023 to 14.01.2024 - Overhauling of Soak Pits

2. Maintaining of Log Book for the cleaning & maintenance/repair of Rain Water Harvesting Pits.
3. You shall intimate timely to the Engineer Incharge about the requirement and necessities for the smooth functioning of rain Water Harvesting Pits.
4. You will provide tool kit to their staff.
5. You will provide identity card to their staff deployed at SGRH.
6. You shall also dispose off the rubbish outside the premises of SGRH.
7. Cleaning & maintaining the hygiene of Rain Water Harvesting pits.
8. During the Inspection by NGT/DPCC, your presence is required for the clearance of soak pits and also to clear all the queries raised if any.
9. You shall supply all the necessary manpower as per the requirement ad necessities.
10. All safety precautions shall be taken by your staff while executing the work so that no accident takes place and this will be your sole responsibility.

Contd....3/-

O/C

11. You shall be responsible for your labour deployed by you at site and all statutory provisions have to be adhered by you during the contract period. Also you are required to carry out police verification of your labour and submit copy of the same to SGRH. You shall submit the monthly statement for the deduction of ESI and PF in Accounts Department.

12. **Terms of Payment**

Your payment will be made as per the agreed terms and conditions i.e. payment will be released after execution of the work & submission of invoice.

13. **Labour Laws :**

You shall abide by all the statutory provisions pertaining to the manpower deployed by you. You shall take all safety precautions while executing the work and you will indemnify SGRH from all such claims.

14. **Termination Clause**

In case it is found that work is not satisfactory, your contract can be terminated by giving one month notice without assigning any reasons thereof.


15. **Arbitration Clause :** Any dispute or difference arising between the parties, relating to interpretation and/or implementation of the work order entered into between the parties could be referred to sole arbitration of the Chairman, Board of Management, Sir Ganga Ram Hospital or his nominee as the case may be. M/s.Ess Dee Enterprises cannot object to arbitration proceedings being conducted by an officer/official of the Sir Ganga Ram Hospital as he happened to perform and/or work for Sir Ganga Ram Hospital. In other words disputed could be referred to the Chairman, Board of Management, Sir Ganga Ram Hospital or his nominee as the case may be which the M/s. Ess Dee Enterprises will have no objection and decision taken by him shall be final and binding between the parties.

You are requested to acknowledge the receipt and convey its acceptance & commence the work immediately


Cdr. Dalbir Singh
Head Maintenance

Approved by Dr. Paishree Sood dt. 09/01/23

O/C


13/1/2023

DELHI JAL BOARD: GOVT. OF NCT OF DELHI
OFFICE OF THE EXECUTIVE ENGINEER (RWH/GWC)
ROOM NO. 208, VARUNALAYA PHASE-I
KAROL BAGH, NEW DELHI - 110005
23558264

No./DJB/EE(RWH/GWC)/2017/ 535

Dated:- 22/3/2017

To,
Mr. P.K. Bansal
Head Projects
Sir Ganga Ram Hospital
Rajinder Nagar
New Delhi-60

Sr. P.K. Bansal
Please give the copy of
this to H (M) and make
him for finalisation.
22/3

Subject: Rain Water Harvesting System at Sir Ganga Ram Hospital
Rajinder Nagar, New Delhi-60.

Sir,

Please refer to your letter dated 20.3.2017 regarding completion of construction of rain water harvesting system at your hospital. As you have informed that the RWH structures has been constructed as per the design given by DJB. Delhi Jal Board issued drawing and design of rain water harvesting vide letter No. DJB/EE(RWH/GWC)/2016/1613 dated 01.8.2016. The newly constructed RWH structures (Seven Nos.) are adequate, functional and sufficient to harvest the roof top area of your hospital.

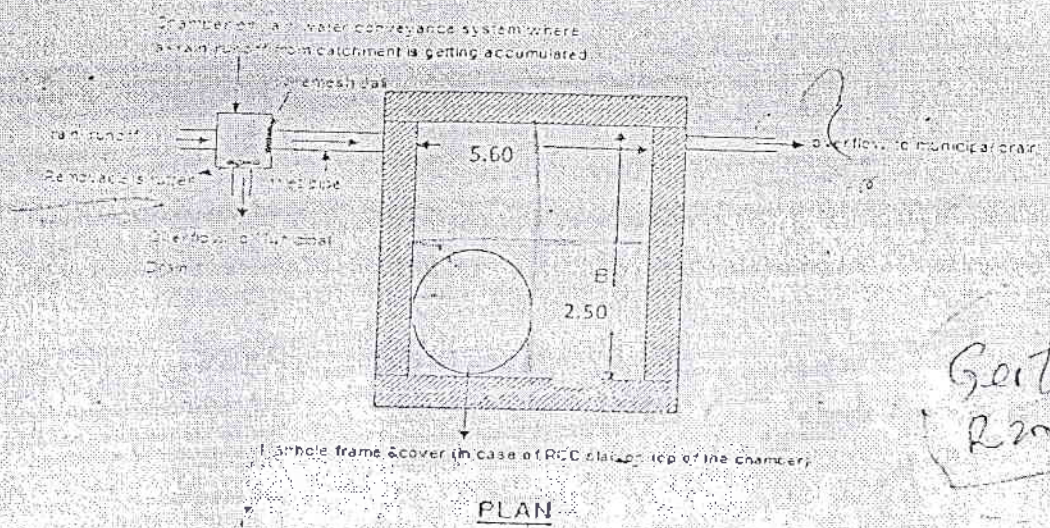
You are requested to keep the existing RWH system neat and clean and maintain the same periodically.

[Signature]
EE (RWH)

EE (G W CELL)
DELHI JAL BOARD
VARUNALAYA BRAWAN,
JHANDEWALLAN, N.D.-05

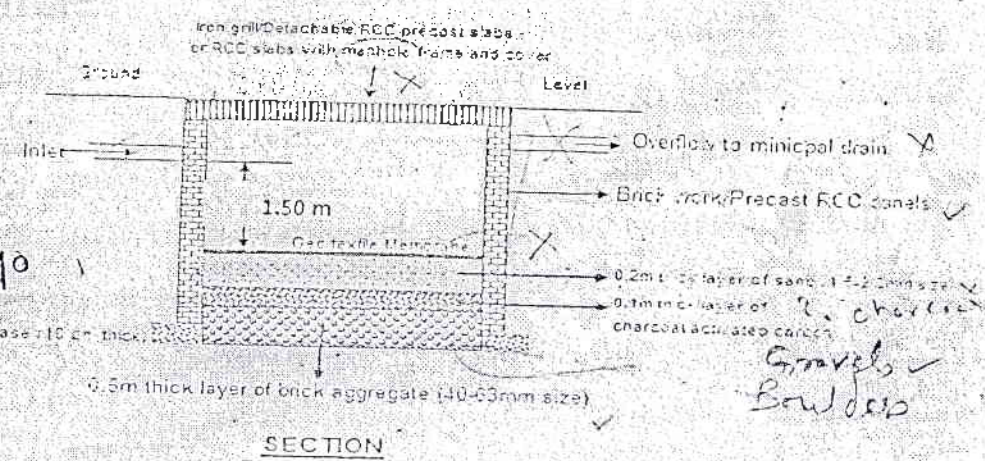
RWH Structure at Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi-110060

Fig. 1 Rectangular Recharge Chamber for RWH



Get the RWH project

*13e
10m x 2.55 x 1.70*



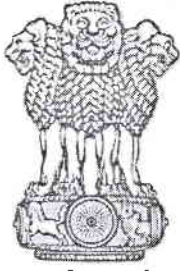
*Gravels
Boulders*

Size of RWH Structure:- L=5.60m x 2.50 x 1.50 m, (Only Seven Nos. RWH Structure)

Note: For working out the storage/retention capacities, depths are to be considered below the invert level of the lowest inlets to the recharge chambers/trenches. Alternative to suggested filter media may be multiple layers of jute mats in recharge chambers/modular filters in rain water pipes from rooftops with the objective to arrest the silt in the rain runoff generated from the catchments before its percolation into the natural soil strata. No waste water is allowed to be entered into Recharge Structures. For more details, please contact to the office of EE (RWH/GWC), Delhi Jal Board, Room No. 11, Varunilaya Phase-I, Karol Bagh, New Delhi-110005, Tel No. 011-23558264.

[Signature]
EE (RWH/GWC)
Ex. Eng. (RWH)
Delhi Jal Board
Varunilaya Phase-I
Karol Bagh, New Delhi

[Signature]
AE (RWH/GWC)



सत्यमेव जयते

INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

₹100

e-Stamp

₹100₹100₹100₹100

Certificate No. : IN-DL67584784654784W
 Certificate Issued Date : 01-Apr-2024 11:46 AM
 Account Reference : SELFPRINT (PU) dl-self/ NEHRU/ DL-DLH
 Unique Doc. Reference : SUBIN-DL DL-SELF94425776875983W
 Purchased by : TARUN GOEL
 Description of Document : Article 5 General Agreement
 Property Description : GENERAL AGREEMENT: SIR GANGA RAM HOSPITAL AND NAMO E-WASTE MGMT PVT LTD
 Consideration Price (Rs.) : 100
 (One Hundred only)
 First Party : SIR GANGA RAM HOSPITAL
 Second Party : NAMO EWASTE MANAGEMENT PVT LTD
 Stamp Duty Paid By : SIR GANGA RAM HOSPITAL
 Stamp Duty Amount(Rs.) : 100
 (One Hundred only)

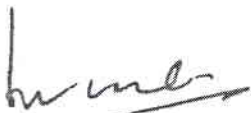


₹100

SELF PRINTED CERTIFICATE TO BE VERIFIED BY THE RECIPIENT AT WWW.SHCILESTAMP.COM

IN 67584784654784W

Please write or type below this line


 Dr. Deepak Kumar Badwal
 Director Administration
 Sir Ganga Ram Hospital
 New Delhi-110060

93



Statutory Alert:

- The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding Corporation of India. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
- The onus of checking the legitimacy is on the users of the certificate.
- In case of any discrepancy please inform the Competent Authority.

- b. "e-Waste" specifically excludes equipment containing radioactive materials, free flowing liquids, chloroflourocarbons, polychlorinated bi-phenyls.


3. STATEMENT OF WORK

- a. "M/s NAMO eWaste Management Ltd" will collect, transport and segregate the "e-Waste" and dispose / destroy / sanitize / refurbish such Assets devices including non-functioning magnetic media in accordance with applicable laws and procedures including any environmental checks and controls which shall be applicable for such disposal / sanitization / refurbishment.
- b. "M/s NAMO eWaste Management Ltd" shall have the "e-Waste" collected from Client's following premises and all the cost including that of transportation from the Client's premises, including the Cost of any insurance from the Client's premises to Service Provider's plant, shall be borne by Vendor and the Vendor shall provide the signed receipts and other required documents to the Client.
- c. The Client shall arrange for all necessary documentation for transportation of "e Waste" and shall provide "e-Waste" material details before pickup time via e-mail or through any convenient mode.
- d. "M/s NAMO eWaste Management Ltd" understands and undertakes to take the responsibility of protection of confidential information as per the Non-Disclosure Agreement (NOA) and to exercise due diligence in safe guarding the same from the time it takes possession of the Assets and at all stages during the process up to the sanitization or disposal or refurbishment of the media.
- e. "M/s NAMO eWaste Management Ltd" would keep the Client informed about the tools used, if any, for this activity and would acquire the licenses thereof, along with periodic updates, at its own costs.
- f. "M/s NAMO eWaste Management Ltd" also shall follow all the required environmental compliance for disposals.
- g. The scope of work also includes the following activities:
- Material handling on site.
 - Loading and offloading
 - ◆ Logistics from Client office location to providing necessary documentation for movement of "e-Waste"
 - ◆ "NEML": Filling up entry form/ road permit for entry of Assets into Haryana (if applicable)
 - ◆ "SGRH": To provide Commercial Invoice/ Challan /Gate Pass/ Forms (if applicable)
 - Green / recycling certificate to be provided to the Client at the end of 30 working days from the date of pickup of "e-Waste".
 - Free consultancy on "e-Waste" management.
- h. Necessary assistance required from Client:
- To appoint one contact point in office site to help "NEML". Mr. Tarun Goel, Sr. Manager Salvage will be the single point of contact from "SGRH".
 - To provide necessary support to enable Vendor's team to handle material swiftly, i.e. trolleys, elevators, etc.
 - Necessary documentation from Clients side like gate pass, invoice etc. to be provided
 - Free consultancy on "e-Waste" management.
- i. Subject to the other terms of the Agreement, the Client shall ensure that it shall deliver only electric and plastic and battery waste that qualifies the definition of Electric, Plastic & batteries waste as per schedule 1 of Electric and Plastic waste management & handling rules 2011.

4. DELIVERY & TRANSPORTATION

- a. All expenses related to delivery and transportation has to be borne by Vendor after taking handover of the "e WASTE" at client's premises.

First Party Authorized Signatory


 Dr. Deepak Kumar Badwal
 Director Administration
 Sir Ganga Ram Hospital
 New Delhi-110060

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Second Party Authorized Signatory



- by wilful neglect or act of omission of the affected Party. The following events shall constitute force majeure: epidemic, nuclear emergency, strike, earthquake, riot, war, acts of terrorist.
- b. In the event force majeure continues unabated for an uninterrupted period of 30 days either party has a right to terminate this agreement by providing prior written notice.

10. TERM & TERMINATION

- a. This agreement will be valid from 01 April 2024 to 31 March 2027.
- b. Either Party may terminate the Agreement without assigning any reason upon thirty (30) days advance written notice. In such event, subject to the other terms contained herein, "NEML" shall cease to provide the services and "SGRH" shall pay for services rendered through the date of such termination.
- c. Either party may terminate the agreement forthwith by written notice if the other Party is adjudged insolvent or bankrupt, or upon the institution of any proceedings by or against the other party seeking relief, reorganization or arrangement under any laws relating to insolvency, or upon any assignment for the benefit of creditors, or upon the appointment of a receiver, liquidator or trustee of any of the other party's property or assets, or upon liquidation, dissolution or winding up of the other party's business.
- d. Termination shall not affect either Party's post rights of liabilities.

11. NOTICES

- a. Any notice, invoice, approval, advice, report or any other communication required to be given to a party here under shall be addressed and delivered to the principle place of business of such party as set out in the Preamble of this agreement or at such other address as may be communicated by such party to the other party from time to time for this purpose.

12. GOVERNMENT LAW AND DISPUTE RESOLUTION

- a. Any dispute or difference arising between the parties, relating to interpretation and/or implementation of the work entered into between the parties would be referred to sole arbitration of the Chairman, Board of Management, "Sir Ganga Ram Hospital" or his nominee as the case may be. "M/s NAMO eWaste Management Ltd" will have no objection to decision taken by him which shall be final and binding between the parties.
- b. This agreement shall be governed and constructed in accordance with applicable and enforce laws in India.
- c. Any dispute arising out of this agreement jurisdiction of the Courts in Delhi only.

13. Miscellaneous

- a. Each party shall designate an employee Relationship manager(s) to act on its behalf with regards to matters arising under this agreement and shall notify the other party in writing of the name of its Relationship manager. However, the relationship manager shall have no authority to alter or amend or waiver any term, condition, or provision of this agreement. Any such attempt to assign this agreement without consent shall be null and void. Either party may change its relationship manager (s) by providing the other party prior written notice.
- b. If at any time one or more provision of this agreement becomes invalid or unenforceable, the remainder of this agreement shall survive and remain in full force and effect. The parties shall endeavour in good faith to mutually discuss and include replacement provision to the agreement to carry out the intension of parties.

That the provisions of this Agreement shall survive till the termination of the agreement/business relationship between the parties.

First Party Authorized Signatory



Dr. Deepak Kumar Badwal
Director Administration
Sir Ganga Ram Hospital
New Delhi-110060

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Second Party Authorized Signatory



ANNEXURE 1


#	Description	Price
1	All e-Waste as described in para 2	Rs. 42/- per kg
2	All Battery e-Waste as described in para 2	Rs. 42/- per kg

Terms and Conditions

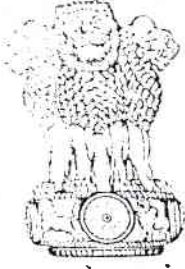
1. Prices are excluding any GST and taxes.
2. GST and Taxes will be borne by "M/s NAMO eWaste Management Ltd".
3. NEFT/RTGS payment will be made in 3-5 business days from the date of receipt of the e-invoice.

First Party (Authorized Signatory)

Second Party (Authorized Signatory)


Dr. Deepak Kumar Badwal
Director Administration
Sir Ganga Ram Hospital
New Delhi-110060





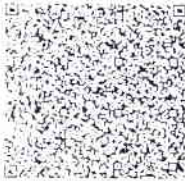
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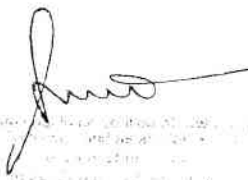
Government of National Capital Territory of Delhi

e-Stamp

Certificate No.	: IN-DL27480062390297W
Certificate Issued Date	: 30-Jul-2024 04:03 PM
Amount Reference	: IMPACC (IV)/ dl707603/ DELHI/ DL-DLH
Stamp Doc. Reference	: SUBIN-DL70760308837987004448W
Supplied by	: SIR GANGA RAM HOSPITAL
Description of Document	: Article 5 General Agreement
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: SIR GANGA RAM HOSPITAL
Second Party	: Not Applicable
Stamp Duty Paid By	: SIR GANGA RAM HOSPITAL
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)



Stamp duty is payable below this line


 Director Medical
 Sir Ganga Ram Hospital
 Rajinder Nagar
 New Delhi-110060


SAI ENTERPRISES
 Hospital Waste
 A-206, Ganga Ram Colony
 Village Fikri Khurd, New Delhi-110040
 Ph. 7530992198

AGREEMENT

This agreement made on this 30th July 2024 between Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi - 110060, hereinafter referred to as "FIRST PARTY" through its Director Medical, Dr (Brig) Satendra Katoch, which expression shall mean and include its successors, administrators and representatives of ONE PART.

AND

M/s Sai Enterprises, a Proprietorship firm having its Office at 106, Hauz Rani Maviya Nagar, New Delhi - 110040 and works at two locations in Singhola Marble Market, Narela, Delhi - 110040, hereinafter referred as "SECOND PARTY", through its Proprietor Mr. Sunil Kumar, which expression shall mean and include its legal heirs, representatives, successors and assigns of the OTHER PART

WHEREAS the SECOND PARTY has represented to FIRST PARTY that it has the requisite experience in the field of collecting different categories of waste scrap and waste management for several leading institutions

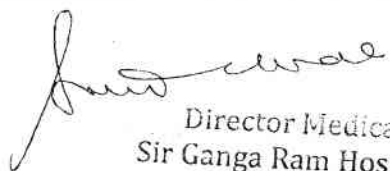
AND WHEREAS THE SECOND PARTY has offered these services to FIRST PARTY.

AND WHEREAS the SECOND PARTY is duly authorized by the Municipal Corporation of Delhi for Garbage Collection after segregation at source.

AND WHEREAS FIRST PARTY has considered the offer and has decided to entrust the work of collecting different categories of waste and final disposal of the waste including empty bottles/ plastic material etc. from the hospital premises to the SECOND PARTY upon terms contained hereinafter appearing.

NOW THIS AGREEMENT WITNESSTH AND THE PARTIES HEREBY AGREE AS FOLLOWS:-

1. This agreement shall commence and shall be operative with effect from 30.07.2024 for a period of one year. SECOND PARTY will pay to the FIRST PARTY a lump-sum amount of Rs 33,00,000/- p.a. (including GST) in advance at the time of start of agreement. This amount is liable for forfeiture in the event of non-performance of the agreement and termination of agreement due to non-performance of Second Party.
2. The SECOND PARTY would to be responsible for due performance under this Agreement, and shall also be liable for any loss etc. caused to FIRST PARTY by its personnel.
3. The SECOND PARTY will be allowed to take garbage contained in Blue bags only (containing paper, cardboard, plastic glasses, bottles, broken glasses, plastic canes, metal cans and Office waste), Kitchen lins and Newspaper without opening the bag/ sorting/ segregation of material at any point. The Garbage will be segregated at the source by the First Party. Re-segregation of waste will not be permitted in the premises of FIRST PARTY. The Second Party will also ensure that yellow and Blue and Green bags are kept at dedicated location in secure area.
4. The SECOND PARTY will ensure that duly tied & labled Blue, Green, yellow, Red bags & plastic containers are collected from each ward thrice a day and transported to secure



Director Medical
Sir Ganga Ram Hospital
Rajinder Nagar
New Delhi-110060



SAI ENTERPRISES
Hospital Waste
A-206, Ganga Ram Colony,
Village Tikri Khurd, New Delhi-110040
DL 272002100

SAI ENTERPRISES

(Proprietorship Firm)


106, Hauz Rani Maviya Nagar,

New Delhi - 110040

DL 272002100

area of the hospital in respective colour coded trollies from where authorized agency will collect and take away **yellow bags**.

5. The SECOND PARTY will ensure that **Blue Bags** are removed by the SECOND PARTY daily. The green bags shall be disposed through composting in the organic waste composting machine installed in the premises of First Party. However, in case the organic waste composting machine installed at the premises of First Party does not work at any time or the waste is beyond its capacity, the Second Party shall also remove the green bags for further disposal as per DPCC and MCD guidelines.
6. The SECOND PARTY shall be responsible for the washing trollies & keep the area neat & tidy during all hours of the day.
7. The SECOND PARTY will ensure that papers received from Medical Record Department and bulk papers destroyed annually by the different departments will not be included under this agreement. The FIRST PARTY will charge extra for these materials if handed over to the SECOND PARTY.
8. That the SECOND PARTY being the employer of the persons engaged by it or controlled by it and deployed at the premises of the FIRST PARTY for providing the services, shall alone be entitled to hire or fire or discipline them. Similarly the SECOND PARTY shall be solely liable to pay the wages etc. to such persons.
9. The SECOND PARTY shall depute adequate number of persons at the aforesaid premises of FIRST PARTY to perform the assigned work. That no other activity shall be allowed to be carried out by the staff of Second Party except what they have been authorized under this agreement.
10. The SECOND PARTY undertakes that its personnel deployed or controlled by it at the premises of the FIRST PARTY shall always be neatly and cleanly dressed up, well groomed, disciplined and following good hygiene and follow the rules of DPCB / MCD.
11. That SECOND PARTY will ensure occupational safety of all its workers by providing them adequate PPEs including gloves, Gumboots, face mask, PPE Kit etc. to protect handling of Bio-medical waste at the time of handling of waste and will immunize all its workers and others involved in handling of BMW for protection against diseases that are likely to be transmitted by handling of BMW like Hepatitis B, Tetanus and any other and the SECOND PARTY shall conduct health check up annually for all its workers and submit annual report to the FIRST PARTY. The SECOND PARTY shall develop a reporting system of unattended accident like sharp injury, mercury spill and fire hazards.
12. That the SECOND PARTY will follow guidelines of DPCC, CPCB, Solid Waste Management Rules, 2016, Municipal Corporation Solid Waste Management Bye Laws and the hospital policy in relation to bio-medical / solid waste handling/ disposal issued from time to time.
13. That SECOND PARTY will ensure that before picking up the waste from wards/ departments, the bags would be containing the requisite waste, properly labeled, signature by the designated area incharge and transported to the area specified. The SECOND PARTY will maintain flow chart of the waste collection area wise from the premises of the FIRST PARTY.



Director Medical
Sir Ganga Ram Hospital
Rajinder Nagar
New Delhi-110060


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Ph. 7530992198

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Ph. 7530992198

14. That in case of some deficiency or short comings in the performance of the services and if waste material is not lifted on a particular day by the SECOND PARTY, the FIRST PARTY shall be entitled to arrange the services through any other agency at the cost, risk and consequences of the SECOND PARTY and such loss, damages suffered on that account by the first party shall be recoverable from the SECOND PARTY. In that event FIRST PARTY shall be at liberty to cancel the agreement immediately.
15. The relationship between FIRST PARTY and the SECOND PARTY shall be that of "principal to principal" and there shall be no employer – employee relationship between the FIRST PARTY and the persons engaged or employed by the SECOND PARTY and deployed by it for discharging its obligations under this Agreement at the above premises of the FIRST PARTY. The employees of the SECOND PARTY shall, therefore, never be deemed to be the employees of the FIRST PARTY under any circumstances whatsoever. It shall be the SECOND PARTY alone who shall be responsible for the payment of salaries, bonus, gratuity, overtime, leave wages, provision of uniform annual leave etc. etc., compliance of Employees Provident Fund Act, Employees State Insurance Act etc. etc. in respect of all their employees so deployed at the premises of FIRST PARTY. In the event of any notice to FIRST PARTY from any authority or court, or any loss suffered by the FIRST PARTY in this regard, the SECOND PARTY shall indemnify the FIRST PARTY in respect of any such loss or damage so suffered by FIRST PARTY. The uniform worn by the employees of SECOND PARTY shall carry the logo of the SECOND PARTY.
16. The persons employed by the SECOND PARTY or controlled by it, shall have no right, whatever, to raise or put up any claim on FIRST PARTY. It is only the SECOND PARTY who shall remain responsible for all claims, if any, of the persons engaged or employed by it for discharging its obligations under this Agreement.
17. That the SECOND PARTY hereby undertakes to adhere to and comply with all statutory laws, as applicable including the laws governing Provident Fund, ESI, Bonus, Gratuity, Minimum Wages. Payment of wages etc.
18. The SECOND PARTY shall compensate the FIRST PARTY for any loss or damage, which may be caused to the FIRST PARTY due to absence or negligence or connivance etc. etc. or for any other reasons attributable to, any employee of the SECOND PARTY or engaged by it.
19. The SECOND PARTY shall be responsible for all acts of omission or commission of the persons engaged by it or for any loss or damage caused by them to the FIRST PARTY.
20. If the SECOND PARTY commits breach of any law applicable to it, the SECOND PARTY alone shall be responsible for the penal consequences that may arise therefrom, and the SECOND PARTY alone shall be liable to meet the financial liabilities arising out of such breach or contravention. The SECOND PARTY agrees that the FIRST PARTY shall not be responsible in any manner whatsoever for any offence committed by the SECOND PARTY and as such any prosecution or legal proceedings for such offence shall be only against the SECOND PARTY.
21. The SECOND PARTY undertakes to take necessary insurance cover in respect of all its employees deployed at the premises of the FIRST PARTY, in respect of any accident, injury etc. for which any compensation is payable under the Workmen's Compensation Act or other similar applicable statutes.

SAI ENTERPRISES
Medical Waste
200, Ganga Ram Hospital
Rajinder Nagar, New Delhi-110060
Ph. 7530992198

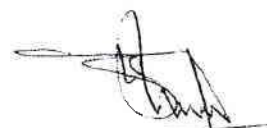

Director Medical
Sir Ganga Ram Hospital
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SAI ENTERPRISES
Hospital Waste
A-206, Ganga Ram Colony
Village Tikri Khurd, New Delhi-110040
Ph. 7530992198

- 22 The SECOND PARTY shall ensure that any dispute between it and its employees shall be settled outside the FIRST PARTY's premises.
- 23 It is expressly understood that nothing herein contained creates liability whatsoever on Sir Ganga Ram Hospital either express or implied in any way to employ or provide any member of SECOND PARTY's organization or controlled by it, employment with or at Sir Ganga Ram Hospital or otherwise in any capacity or at any time whatsoever. Sir Ganga Ram Hospital will have no liability either express or implied to pay or provide SECOND PARTY or its employees or any other person connected with its organization with any form of compensation, gratuity and / or remuneration whatsoever other than payment of charges as elsewhere herein provided.
- 24 The SECOND PARTY or any person connected with its organization will not represent the Sir Ganga Ram Hospital in any court, Tribunal or Commission or Inquiry or to other forum whatsoever without the prior written permission of Sir Ganga Ram Hospital.
- 25 The SECOND PARTY will not sub-contract, assign or transfer any of its rights or obligations as laid down under this agreement.
- 26 The SECOND PARTY undertakes that it and its personnel shall not during the period of this agreement or any time thereafter use or disclose to anyone other than is bonafide, any confidential information relating to the business or affairs of Sir Ganga Ram Hospital and / or its affiliates which may be exposed to or may have received during the course of or pursuant to any activities conducted for Sir Ganga Ram Hospital and the SECOND PARTY shall indemnify and keep indemnified Sir Ganga Ram Hospital from any loss or damage arising from any breach of this undertaking. For the purpose of this clause "Confidential information" shall mean and include all documents, papers, data base, correspondence, or any other information relating to Sir Ganga Ram Hospital, its business operation, clientele, etc. which may be disclosed or which the SECOND PARTY shall become privy to or get to know under this agreement.
- 27 The SECOND PARTY shall apply for and obtain all permissions, licences, consents, etc. that may be required under any law, rules and regulations in force and applicable from time to time to the SECOND PARTY for carrying out its obligations under this agreement.
- 28 If during the continuance of this agreement the SECOND PARTY fails to provide the requisite services to FIRST PARTY under the provisions of this agreement and FIRST PARTY suffers any loss or damage directly or indirectly, then the SECOND PARTY undertakes to indemnify FIRST PARTY for the loss as may be calculated or demanded in its entirety without any objection or reservation.
- 29 Notwithstanding anything contained above, Sir Ganga Ram Hospital may terminate this agreement if in its opinion SECOND PARTY has failed to discharge any of its obligations stipulated herein, without any notice.
- 30 The SECOND PARTY shall indemnify Sir Ganga Ram Hospital from any third party liability arising out of his area of operations by taking Insurance Policy.
- 31 Upon termination of this agreement for any reasons whatsoever, the SECOND PARTY shall remove its employees from Sir Ganga Ram Hospital's duties assigned to them in the



Director Medical
Sir Ganga Ram Hospital
Rajinder Nagar
New Delhi-110060




SAI ENTERPRISES
Hospital Waste
A-206, Ganga Ram Colony,
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Ph. 7530992198

discharge of its obligations under this agreement, failing which Sir Ganga Ram Hospital shall not be held responsible for any consequences arising out of it.

32. In case of any dispute or difference arising between the parties, relating to interpretation and / or implementation of the above Agreement or connected provisions therewith directly or indirectly the same will be referred to sole arbitration of the Chairman, Board of Management, Sir Ganga Ram Hospital or his nominee as the case may be under the provisions of Arbitration & Conciliation Act, 1996. The SECOND PARTY cannot object to arbitration proceedings being conducted by an Officer/ official of the Sir Ganga Ram Hospital as he happened to perform and / or work for Sir Ganga Ram Hospital. In other words dispute could be referred to the Chairman, Board of Management, Sir Ganga Ram Hospital, or his nominee as the case may be, to which the SECOND PARTY will have no objection and decision taken by him shall be final and binding between the parties. The venue for the arbitration shall be New Delhi.
33. All disputes, claims or proceedings between the parties, relating to the construction, application or performance of this Agreement shall be subject to the jurisdiction of Delhi Courts alone.
34. Any delay or failure in performance by either party caused by force majeure shall not constitute default or give rise to any claim for damages. Accordingly, the parties shall stand absolved of responsibilities under this Agreement.

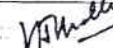
IN WITNESS to this Agreement both the parties have set their hands and seal below.

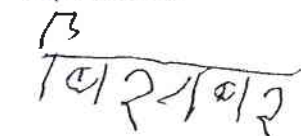
FIRST PARTY



Director Medical
Sir Ganga Ram Hospital
Rajinder Nagar
New Delhi-110060

WITNESSES:-

1. 
(V.P. Bhatia)

2. 

SECOND PARTY



SAI ENTERPRISES
Hospital Waste
A-206, Ganga Ram Colony,
Village Tikri Khurd, New Delhi-110040
Ph. 7530992198

SIR GANGA RAM HOSPITAL, NEW DELHI
Monthly Report of Bio – Medical Waste
YELLOW AND RED WASTE (in Kg)
Year - 2024

S. No.	Time Period Month & Year	Total in month		Average per day						Waste/ month	Waste/ day	Waste/ month	Waste/ Day	Waste/ month	Waste/ Day
		Yellow weight	Red weight	Yellow weight (A)		Red weight (B)		Total weight (A+B)							
				Daily	Bed/Day	Daily	Bed/Day	Daily	Bed/Day						
1	Apr-24	7,400.00	14,189.04	246.66	0.42	472.96	0.82	719.62	1.25	377.32	12.57	70.10	2.33	2,606.35	86.87
2	May-24	7,842.00	15,682.87	252.96	0.43	505.90	0.87	758.96	1.31	486.72	15.70	73.30	2.36	2,524.10	81.42
3	Jun-24	8,138.10	12,788.14	271.27	0.47	426.27	0.74	697.54	1.21	454.10	15.13	92.30	3.06	2,410.78	80.35
4	Jul-24	6,212.43	11,728.76	200.40	0.34	378.34	0.65	578.74	1.00	436.23	14.07	69.60	2.24	2,383.07	76.87
5	Aug-24	10,735.64	17,630.79	346.31	0.60	568.73	0.98	915.04	1.59	499.84	16.12	166.23	5.36	2,835.10	91.45
6	Sep-24	6,040.20	10,923.51	201.34	0.35	364.17	0.63	565.51	0.98	295.81	9.86	52.80	1.76	1,857.20	61.90

Sharma

Details of Muncipal Waste

S.No	Date	Dry Weight in Kg
1	01/04/2024	1540
2	02/04/2024	1580
3	03/04/2024	1560
4	04/04/2024	1580
5	05/04/2024	1640
6	06/04/2024	1650
7	07/04/2024	1560
8	08/04/2024	1500
9	09/04/2024	1650
10	10/04/2024	1500
11	11/04/2024	1640
12	12/04/2024	1510
13	13/04/2024	1,470
14	14/04/2024	1780
15	15/04/2024	1540
16	16/04/2024	1600
17	17/04/2024	1540
18	18/04/2024	1530
19	19/04/2024	1580
20	20/04/2024	1560
21	21/04/2024	1580
22	22/04/2024	1640
23	23/04/2024	1650
24	24/04/2024	1560
25	25/04/2024	1500
26	26/04/2024	1650
27	27/04/2024	1580
28	28/04/2024	1640
29	29/04/2024	1570
30	30/04/2024	1,550
Total		47,430

Sharnu

Details of Muncipal Waste

S.No	Date	Dry Weight in Kg
1	01/05/2024	1550
2	02/05/2024	1490
3	03/05/2024	1510
4	04/05/2024	1480
5	05/05/2024	1460
6	06/05/2024	1400
7	07/05/2024	1380
8	08/05/2024	1450
9	09/05/2024	1540
10	10/05/2024	1590
11	11/05/2024	1450
12	12/05/2024	1500
13	13/05/2024	1650
14	14/05/2024	1500
15	15/05/2024	1640
16	16/05/2024	1500
17	17/05/2024	1550
18	18/05/2024	1650
19	19/05/2024	1550
20	20/05/2024	1620
21	21/05/2024	1410
22	22/05/2024	1500
23	23/05/2024	1490
24	24/05/2024	1590
25	25/05/2024	1600
26	26/05/2024	1680
27	27/05/2024	1540
28	28/05/2024	1650
29	29/05/2024	1550
30	30/05/2024	1620
31	31/05/2024	1580
Total		47,670

Sharmy

Details of Muncipal Waste

S.No	Date	Dry Weight in Kg
1	01/06/2024	1550
2	02/06/2024	1490
3	03/06/2024	1510
4	04/06/2024	1480
5	05/06/2024	1460
6	06/06/2024	1400
7	07/06/2024	1380
8	08/06/2024	1450
9	09/06/2024	1540
10	10/06/2024	1590
11	11/06/2024	1450
12	12/06/2024	1500
13	13/06/2024	1650
14	14/06/2024	1500
15	15/06/2024	1640
16	16/06/2024	1500
17	17/06/2024	1550
18	18/06/2024	1650
19	19/06/2024	1550
20	20/06/2024	1620
21	21/06/2024	1410
22	22/06/2024	1500
23	23/06/2024	1490
24	24/06/2024	1590
25	25/06/2024	1600
26	26/06/2024	1680
27	27/06/2024	1540
28	28/06/2024	1650
29	29/06/2024	1550
30	30/06/2024	1620
Total		46,090



Details of Muncipal Waste

S.No	Date	Dry Weight in Kg
1	01/07/2024	1500
2	02/07/2024	1640
3	03/07/2024	1500
4	04/07/2024	1550
5	05/07/2024	1650
6	06/07/2024	1550
7	07/07/2024	1550
8	08/07/2024	1620
9	09/07/2024	1410
10	10/07/2024	1500
11	11/07/2024	1600
12	12/07/2024	1610
13	13/07/2024	1740
14	14/07/2024	1540
15	15/07/2024	1615
16	16/07/2024	1640
17	17/07/2024	1500
18	18/07/2024	1640
19	19/07/2024	1500
20	20/07/2024	1550
21	21/07/2024	1650
22	22/07/2024	1550
23	23/07/2024	1550
24	24/07/2024	1620
25	25/07/2024	1440
26	26/07/2024	1530
27	27/07/2024	1600
28	28/07/2024	1610
29	29/07/2024	1750
30	30/07/2024	1540
31	31/07/2024	1615
Total		48,860

Shammy

Details of Muncipal Waste

S.No	Date	Dry Weight in Kg
1	01/08/2024	1400
2	02/08/2024	1540
3	03/08/2024	1590
4	04/08/2024	1490
5	05/08/2024	1500
6	06/08/2024	1560
7	07/08/2024	1500
8	08/08/2024	1650
9	09/08/2024	1500
10	10/08/2024	1640
11	11/08/2024	1500
12	12/08/2024	1550
13	13/08/2024	1650
14	14/08/2024	1550
15	15/08/2024	1620
16	16/08/2024	1580
17	17/08/2024	1400
18	18/08/2024	1580
19	19/08/2024	1600
20	20/08/2024	1500
21	21/08/2024	1580
22	22/08/2024	1540
23	23/08/2024	1530
24	24/08/2024	1630
25	25/08/2024	1500
26	26/08/2024	1640
27	27/08/2024	1500
28	28/08/2024	1550
29	29/08/2024	1650
30	30/08/2024	1480
31	31/08/2024	1600
Total		48,100

01

Sharma

Details of Muncipal Waste

S.No	Date	Dry Weight in Kg
1	01/09/2024	1450
2	02/09/2024	1640
3	03/09/2024	1550
4	04/09/2024	1590
5	05/09/2024	1540
6	06/09/2024	1620
7	07/09/2024	1550
8	08/09/2024	1650
9	09/09/2024	1540
10	10/09/2024	1640
11	11/09/2024	1500
12	12/09/2024	1550
13	13/09/2024	1650
14	14/09/2024	1550
15	15/09/2024	1650
16	16/09/2024	1580
17	17/09/2024	1400
18	18/09/2024	1540
19	19/09/2024	1590
20	20/09/2024	1490
21	21/09/2024	1500
22	22/09/2024	1560
23	23/09/2024	1500
24	24/09/2024	1650
25	25/09/2024	1500
26	26/09/2024	1640
27	27/09/2024	1500
28	28/09/2024	1550
29	29/09/2024	1650
30	30/09/2024	1550
Total		46,870

Sharmy

Details of Kitchen Waste

S.No	Date	Wet Weight in Kg
1	01/04/2024	440
2	02/04/2024	430
3	03/04/2024	415
4	04/04/2024	470
5	05/04/2024	470
6	06/04/2024	480
7	07/04/2024	310
8	08/04/2024	415
9	09/04/2024	410
10	10/04/2024	420
11	11/04/2024	400
12	12/04/2024	380
13	13/04/2024	410
14	14/04/2024	450
15	15/04/2024	390
16	16/04/2024	480
17	17/04/2024	360
18	18/04/2024	450
19	19/04/2024	420
20	20/04/2024	430
21	21/04/2024	420
22	22/04/2024	450
23	23/04/2024	420
24	24/04/2024	425
25	25/04/2024	380
26	26/04/2024	460
27	27/04/2024	380
28	28/04/2024	330
29	29/04/2024	440
30	30/04/2024	410
	TOTAL	12,545

Sharma

Details of Kitchen Waste

S.No	Date	Wet Weight in Kg
1	01/05/2024	450
2	02/05/2024	420
3	03/05/2024	390
4	04/05/2024	460
5	05/05/2024	420
6	06/05/2024	420
7	07/05/2024	400
8	08/05/2024	451
9	09/05/2024	450
10	10/05/2024	360
11	11/05/2024	410
12	12/05/2024	390
13	13/05/2024	450
14	14/05/2024	385
15	15/05/2024	410
16	16/05/2024	420
17	17/05/2024	450
18	18/05/2024	380
19	19/05/2024	420
20	20/05/2024	500
21	21/05/2024	450
22	22/05/2024	420
23	23/05/2024	390
24	24/05/2024	460
25	25/05/2024	420
26	26/05/2024	420
27	27/05/2024	400
28	28/05/2024	451
29	29/05/2024	450
30	30/05/2024	360
31	31/05/2024	410
	TOTAL	13,067

Shoruy

Details of Kitchen Waste

S.No	Date	Wet Weight in Kg
1	01/06/2024	415
2	02/06/2024	410
3	03/06/2024	460
4	04/06/2024	460
5	05/06/2024	410
6	06/06/2024	420
7	07/06/2024	450
8	08/06/2024	420
9	09/06/2024	410
10	10/06/2024	390
11	11/06/2024	410
12	12/06/2024	460
13	13/06/2024	420
14	14/06/2024	430
15	15/06/2024	410
16	16/06/2024	420
17	17/06/2024	430
18	18/06/2024	490
19	19/06/2024	450
20	20/06/2024	435
21	21/06/2024	420
22	22/06/2024	450
23	23/06/2024	420
24	24/06/2024	410
25	25/06/2024	440
26	26/06/2024	420
27	27/06/2024	470
28	28/06/2024	420
29	29/06/2024	430
30	30/06/2024	410
	TOTAL	12,890

Shanvi

Details of Kitchen Waste

S.No	Date	Wet Weight in Kg
1	01/07/2024	450
2	02/07/2024	370
3	03/07/2024	490
4	04/07/2024	430
5	05/07/2024	440
6	06/07/2024	415
7	07/07/2024	430
8	08/07/2024	425
9	09/07/2024	425
10	10/07/2024	420
11	11/07/2024	460
12	12/07/2024	370
13	13/07/2024	310
14	14/07/2024	405
15	15/07/2024	470
16	16/07/2024	390
17	17/07/2024	350
18	18/07/2024	450
19	19/07/2024	420
20	20/07/2024	430
21	21/07/2024	420
22	22/07/2024	450
23	23/07/2024	420
24	24/07/2024	425
25	25/07/2024	380
26	26/07/2024	460
27	27/07/2024	370
28	28/07/2024	310
29	29/07/2024	405
30	30/07/2024	470
31	31/07/2024	390
	Total	12,850

Shorany

Details of Kitchen Waste

S.No	Date	Wet Weight in Kg
1	01/08/2024	470
2	02/08/2024	410
3	03/08/2024	415
4	04/08/2024	420
5	05/08/2024	430
6	06/08/2024	450
7	07/08/2024	400
8	08/08/2024	390
9	09/08/2024	415
10	10/08/2024	490
11	11/08/2024	495
12	12/08/2024	430
13	13/08/2024	380
14	14/08/2024	400
15	15/08/2024	360
16	16/08/2024	380
17	17/08/2024	400
18	18/08/2024	460
19	19/08/2024	460
20	20/08/2024	410
21	21/08/2024	420
22	22/08/2024	450
23	23/08/2024	420
24	24/08/2024	410
25	25/08/2024	390
26	26/08/2024	410
27	27/08/2024	460
28	28/08/2024	420
29	29/08/2024	430
30	30/08/2024	410
31	31/08/2024	480
	TOTAL	13,165

Shanuy

Details of Kitchen Waste

S.No	Date	Wet Weight in Kg
1	01/09/2024	410
2	02/09/2024	420
3	03/09/2024	450
4	04/09/2024	420
5	05/09/2024	410
6	06/09/2024	390
7	07/09/2024	410
8	08/09/2024	460
9	09/09/2024	420
10	10/09/2024	430
11	11/09/2024	410
12	12/09/2024	430
13	13/09/2024	380
14	14/09/2024	400
15	15/09/2024	360
16	16/09/2024	380
17	17/09/2024	450
18	18/09/2024	470
19	19/09/2024	480
20	20/09/2024	420
21	21/09/2024	430
22	22/09/2024	450
23	23/09/2024	420
24	24/09/2024	410
25	25/09/2024	390
26	26/09/2024	410
27	27/09/2024	460
28	28/09/2024	420
29	29/09/2024	430
30	30/09/2024	410
	TOTAL	12,630

Shammy

SIR GANGA RAM HOSPITAL

SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060

LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE

capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
24/12/2024	Nil	-	-	-	<i>Bohu Jy</i>
25/12/2024	Nil	120kg	-	-	<i>Bohu Jy</i>
26/12/2024	100kg	-	-	-	<i>Bohu Jy</i>
27/12/2024	130kg	-	-	-	<i>Bohu Jy</i>
28/12/2024	150kg	-	-	-	<i>Bohu Jy</i>
29/12/2024	Nil	-	-	-	<i>Bohu Jy</i>
1/1/2024	100kg	-	-	-	<i>Bohu Jy</i>
2/1/2024	150kg	-	-	-	<i>Bohu Jy</i>
3/1/2024	Nil	-	-	-	<i>Bohu Jy</i>
4/1/2024	Nil	-	-	-	<i>Bohu Jy</i>
5/1/2024	150kg	-	-	-	<i>Bohu Jy</i>
6/1/2024	140kg	-	-	-	<i>Bohu Jy</i>
7/1/2024	Nil	-	-	-	<i>MS</i>
8/1/2024	Nil	-	-	-	<i>MS</i>
9/1/2024	100 kg	110 kg	-	-	<i>MS</i>

SIR GANGA RAM HOSPITAL

SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060

LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE

capacity: 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
10/3/2024	120 kg	—	—	—	Mas Jy
11/3/2024	40 kg	—	—	—	Rohit
12/3/2024	200 kg	—	—	—	Rohit
13/3/2024	120 kg	—	—	—	Rohit
14/3/2024	Nil	—	—	—	Rohit
15/3/2024	Nil	—	—	—	Rohit
16/3/2024	150 kg	—	—	—	Rohit
17/3/2024	150 kg	—	—	—	Rohit
18/3/2024	250 kg	—	—	—	Rohit
19/3/2024	250 kg	—	—	—	Rohit
20/3/2024	100 kg	—	—	—	Rohit
21/3/2024	70 kg	—	—	—	Rohit
22/3/2024	80 kg	—	—	—	Rohit
23/3/2024	Nil	—	—	—	Rohit
24/3/2024	Nil	—	—	—	Rohit

SIR GANGA RAM HOSPITAL
SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060
LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE
capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
25/3/2024	Nil	—	—	—	<i>[Signature]</i>
26/3/2024	200 Kg	180 kg	—	—	<i>[Signature]</i>
27/3/2024	120 kg	—	—	—	<i>[Signature]</i>
28/3/2024	100 kg	—	—	—	<i>[Signature]</i>
29/3/2024	Nil	—	—	—	<i>[Signature]</i>
30/3/2024	150 kg	—	—	—	<i>[Signature]</i>
31/3/2024	70 kg	—	—	—	<i>[Signature]</i>
01/4/2024	100 kg	—	—	—	<i>[Signature]</i>
02/4/2024	120 kg	—	—	—	<i>[Signature]</i>
03/4/2024	160 kg	—	—	—	<i>[Signature]</i>
04/4/2024	100 kg	—	—	—	<i>[Signature]</i>
05/4/2024	Nil	—	—	—	<i>[Signature]</i>
06/4/2024	160 kg	120 kg	—	—	<i>[Signature]</i>
07/4/2024	Nil	—	—	—	<i>[Signature]</i>
08/4/2024	150 kg	—	—	—	<i>[Signature]</i>

SIR GANGA RAM HOSPITAL

SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060

LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE

capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
9/4/2024	150 Kg	—	—	—	<i>[Signature]</i>
10/4/2024	100 Kg	—	—	—	<i>[Signature]</i>
11/4/2024	190 Kg	—	—	—	<i>[Signature]</i>
12/4/2024	120 Kg	—	—	—	<i>[Signature]</i>
13/4/2024	180 Kg	—	—	—	<i>[Signature]</i>
14/4/2024	NIL	—	—	—	<i>[Signature]</i>
15/4/2024	170 Kg	—	—	—	<i>[Signature]</i>
16/4/2024	NIL	—	—	—	<i>[Signature]</i>
17/4/2024	NIL	—	—	—	<i>[Signature]</i>
18/4/2024	150 Kg	120 Kg	—	—	<i>[Signature]</i>
19/4/2024	150 Kg	—	—	—	<i>[Signature]</i>
20/4/2024	120 Kg	—	—	—	<i>[Signature]</i>
21/4/2024	180 Kg	—	—	—	<i>[Signature]</i>
22/4/2024	NIL	—	—	—	<i>[Signature]</i>
23/4/2024	180 Kg	—	—	—	<i>[Signature]</i>

SIR GANGA RAM HOSPITAL

SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060

LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE

capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
24/4/2024	110 Kg	—	—	—	<i>[Signature]</i>
25/4/2024	NIL	—	—	—	<i>[Signature]</i>
26/4/2024	120 Kg	70 Kg	—	—	<i>[Signature]</i>
27/4/2024	190 Kg	—	—	—	<i>[Signature]</i>
28/4/2024	150 Kg	—	—	—	<i>[Signature]</i>
29/4/2024	170 Kg	—	—	—	<i>[Signature]</i>
30/4/2024	NIL	—	—	—	<i>[Signature]</i>
1/5/2024	200 Kg	—	—	—	<i>[Signature]</i>
2/5/2024	120 Kg	—	—	—	<i>[Signature]</i>
3/5/2024	NIL	—	—	—	<i>[Signature]</i>
4/5/2024	100 Kg	—	—	—	<i>[Signature]</i>
5/5/2024	70 Kg	—	—	—	<i>[Signature]</i>
6/5/2024	NIL	—	—	—	<i>[Signature]</i>
7/5/2024	NIL	—	—	—	<i>[Signature]</i>
8/5/2024	130 Kg	90 Kg	—	—	<i>[Signature]</i>

SIR GANGA RAM HOSPITAL

SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060

LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE

capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
9/5/2024	170 kg	-	-	-	Rohit Jafar
10/5/2024	140 kg	-	-	-	Rohit
11/5/2024	110 kg	-	-	-	Rohit
12/5/2024	NIL	-	-	-	Rohit
13/5/2024	120 kg	-	-	-	Rohit
14/5/2024	150 kg	-	-	-	Rohit
15/5/2024	NIL	-	-	-	Rohit
16/5/2024	NIL	-	-	-	Rohit
17/5/2024	NIL	-	-	-	Rohit
18/5/2024	80 kg	1000 kg	-	-	Rohit
19/5/2024	120 kg	-	-	-	Rohit
20/5/2024	100 kg	-	-	-	Rohit
21/5/2024	NIL	-	-	-	Rohit
22/5/2024	Machine off	1000 Hospital main supply	-	-	Rohit
23/5/2024	Machine off	Problem	-	-	Rohit

SIR GANGA RAM HOSPITAL
SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060
LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE
 capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
24/5/2024	Machine off	Hospital main supply	—	—	Robin Jolly
25/5/2024	Machine off	Problems	—	—	Robin Jolly
26/5/2024	Machine off	11 11 11	—	—	Robin Jolly
27/5/2024	Machine on	main supply work done	—	—	Robin Jolly
28/5/2024	120kg	Machine work partially	—	—	Robin Jolly
29/5/2024	Nil	—	—	—	Robin Jolly
30/5/2024	150kg	—	—	—	Robin Jolly
31/5/2024	120kg	—	—	—	Robin Jolly
1/6/2024	Nil	—	—	—	Robin Jolly
2/6/2024	100kg	—	—	—	Robin Jolly
3/6/2024	120kg	—	—	—	Robin Jolly
4/6/2024	Nil	—	—	—	Robin Jolly
5/6/2024	Nil	—	—	—	Robin Jolly
6/6/2024	140 kg	—	—	—	Robin Jolly
7/6/2024	110 kg	—	—	—	Robin Jolly

SIR GANGA RAM HOSPITAL
SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060
LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE
 capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
8/6/2024	150 kg	—	—	—	<i>Robin Johry</i>
9/6/2024	NIL	—	—	—	<i>Robin Johry</i>
10/6/2024	NIL	—	—	—	<i>Robin Johry</i>
11/6/2024	130 kg	90 kg	—	—	<i>Robin Johry</i>
12/6/2024	70 kg	—	—	—	<i>Robin Johry</i>
13/6/2024	100 kg	—	—	—	<i>Robin Johry</i>
14/6/2024	NIL	—	—	—	<i>Robin Johry</i>
15/6/2024	130 kg	—	—	—	<i>Robin Johry</i>
16/6/2024	NIL	—	—	—	<i>Robin Johry</i>
17/6/2024	150 kg	—	—	—	<i>Robin Johry</i>
18/6/2024	100 kg	—	—	—	<i>Robin Johry</i>
19/6/2024	120 kg	—	—	—	<i>Robin Johry</i>
20/6/2024	NIL	—	—	—	<i>Robin Johry</i>
21/6/2024	NIL	—	—	—	<i>Robin Johry</i>
22/6/2024	NIL	—	—	—	<i>Robin Johry</i>

SIR GANGA RAM HOSPITAL

SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060

LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE

capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
23/6/2024	NIL	-	-	-	<i>Bobin Jofraj</i>
24/6/2024	NIL	-	-	-	<i>Bobin</i>
25/6/2024	120 kg	70 kg	-	-	<i>Bobin</i>
26/6/2024	130 kg	-	-	-	<i>Bobin</i>
27/6/2024	140 kg	-	-	-	<i>Bobin</i>
28/6/2024	NIL	-	-	-	<i>Bobin</i>
29/6/2024	130 kg	-	-	-	<i>Bobin Jofraj</i>
30/6/2024	NIL	-	-	-	<i>Bobin</i>
1/7/2024	NIL	-	-	-	<i>Bobin</i>
2/7/2024	100kg	80kg	-	-	<i>Bobin</i>
3/7/2024	100kg	-	-	-	<i>Bobin</i>
4/7/2024	250kg	-	-	-	<i>Bobin</i>
5/7/2024	NIL	-	-	-	<i>Bobin</i>
6/7/2024	300kg	-	-	-	<i>Bobin</i>
7/7/2024	NIL	-	-	-	<i>Bobin Jofraj</i>

SIR GANGA RAM HOSPITAL

SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060

LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE

capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
8/7/2024	200 Kg	-	-	-	<i>Rajinder</i>
9/7/2024	90 Kg	-	-	-	<i>Rajinder</i>
10/7/2024	Nil	-	-	-	<i>Rajinder</i>
11/7/2024	100 Kg	110 Kg	-	-	<i>Rajinder</i>
12/7/2024	150	-	-	-	<i>Rajinder</i>
13/7/2024	Nil	-	-	-	<i>Rajinder</i>
14/7/2024	Nil	-	-	-	<i>Rajinder</i>
15/7/2024	150 Kg	-	-	-	<i>Rajinder</i>
16/7/2024	170 Kg	-	-	-	<i>Rajinder</i>
17/7/2024	100 Kg	-	-	-	<i>Rajinder</i>
18/7/2024	Nil	-	-	-	<i>Rajinder</i>
19/7/2024	140 Kg	-	-	-	<i>Rajinder</i>
20/7/2024	Nil	-	-	-	<i>Rajinder</i>
21/7/2024	160 Kg	-	-	-	<i>Rajinder</i>
22/7/2024	200 Kg	-	-	-	<i>Rajinder</i>

SIR GANGA RAM HOSPITAL

SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060

LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE

capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
6/9/2024	140 kg	—	—	—	<i>[Signature]</i>
7/9/2024	100 kg	—	—	—	<i>[Signature]</i>
8/9/2024	Nil	—	—	—	<i>[Signature]</i>
9/9/2024	100 kg	—	—	—	<i>[Signature]</i>
10/9/2024	Nil	—	—	—	<i>[Signature]</i>
11/9/2024	170 kg	—	—	—	<i>[Signature]</i>
12/09/2024	140 kg	—	—	—	<i>[Signature]</i>
13/09/2024	120 kg	—	—	—	<i>[Signature]</i>
14/09/2024	90 kg	—	—	—	<i>[Signature]</i>
15/09/2024	Nil	—	—	—	<i>[Signature]</i>
16/09/2024	Nil	—	—	—	<i>[Signature]</i>
17/09/2024	120 kg	130 kg	—	—	<i>[Signature]</i>
18/9/2024	70 kg	—	—	—	<i>[Signature]</i>
19/9/2024	Nil	—	—	—	<i>[Signature]</i>
20/9/2024	100 kg	—	—	—	<i>[Signature]</i>

SIR GANGA RAM HOSPITAL
SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060
LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE
 capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
21/9/2024	150 kg	-	-	-	[Signature]
22/9/2024	NIL	-	-	-	[Signature]
23/9/2024	110 kg	-	-	-	[Signature]
24/9/2024	100 kg	-	-	-	[Signature]
25/9/2024	120 kg	-	-	-	[Signature]
26/09/2024	90 kg	-	-	-	[Signature]
27/09/2024	200 kg	-	-	-	[Signature]
28/09/2024	NIL	-	-	-	[Signature]
29/09/2024	NIL	-	-	-	[Signature]
30/09/2024	170 kg	-	-	-	[Signature]
01/10/2024	100 kg	120 kg	-	-	[Signature]
02/10/2024	140 kg	-	-	-	[Signature]
03/10/2024	NIL	-	-	-	[Signature]
04/10/2024	150 kg	-	-	-	[Signature]
05/10/2024	NIL	-	-	-	[Signature]

SIR GANGA RAM HOSPITAL
SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060

LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE
 capacity : 1000 KG/DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
06/10/2024	140 kg	—	—	—	<i>[Signature]</i>
07/10/2024	NIL	—	—	—	<i>[Signature]</i>
08/10/2024	150 kg	70 kg	—	—	<i>[Signature]</i>
09/10/2024	170 kg	—	—	—	<i>[Signature]</i>
10/10/2024	150 kg	—	—	—	<i>[Signature]</i>
11/10/2024	140 kg	—	—	—	<i>[Signature]</i>
12/10/2024	180 kg	—	—	—	<i>[Signature]</i>
13/10/2024	NIL	—	—	—	<i>[Signature]</i>
14/10/2024	160 kg	80 kg	—	—	<i>[Signature]</i>
15/10/2024	400 kg	—	—	—	<i>[Signature]</i>
16/10/2024	NIL	—	—	—	<i>[Signature]</i>
17/10/2024	120 kg	—	—	—	<i>[Signature]</i>
18/10/2024	150 kg	—	—	—	<i>[Signature]</i>
19/10/2024	150 kg	—	—	—	<i>[Signature]</i>
20/10/2024	NIL	—	—	—	<i>[Signature]</i>

SIR GANGA RAM HOSPITAL

SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060

LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE

capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
21/10/2024	Machine off	Tank Blade Jam not Bolt	-	-	<i>Rajiv</i>
22/10/2024	Machine off	damage	-	-	<i>Rajiv</i>
23/10/2024	Machine on (4:00PM)	New not Bolt installed	-	-	<i>Rajiv</i>
24/10/2024	Nil 140 kg	-	-	-	<i>Rajiv</i>
25/10/2024	Nil	-	-	-	<i>Rajiv</i>
26/10/2024	150 kg	100 kg	-	-	<i>Rajiv</i>
27/10/2024	100 kg	-	-	-	<i>Rajiv</i>
28/10/2024	Nil	-	-	-	<i>Rajiv</i>
29/10/2024	120 kg	-	-	-	<i>Rajiv</i>
30/10/2024	130 kg	-	-	-	<i>Rajiv</i>
31/10/2024	Nil	-	-	-	<i>Rajiv</i>
01/11/2024	140 kg	-	-	-	<i>Rajiv</i>
02/11/2024	130 kg	-	-	-	<i>Rajiv</i>
03/11/2024	150 kg	-	-	-	<i>Rajiv</i>
04/11/2024	Nil	-	-	-	<i>Rajiv</i>

SIR GANGA RAM HOSPITAL

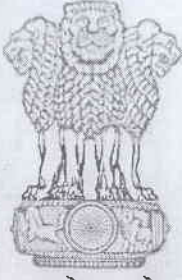
SIR GANGA RAM HOSPITAL MARG, RAJINDER NAGAR, NEW DELHI-110060

LOG SHEET

ORGANIC WASTE COMPOSTER (OWC) MACHINE

capacity : 1000 KG./DAY

DATE	ORGANIC WASTE (FOOD WASTE & GARDEN WASTE Etc.) (KG.) INLET	FINAL PRODUCTS (COMPOST) KG.	UTILIZATION	REMARKS	OPERATOR SIGNATURE
05/11/2024	140 kg	85 kg	-	-	<i>Bobit</i>
06/11/2024	80 kg	-	-	-	<i>Bobit</i>
07/11/2024	NIL	-	-	-	<i>Bobit</i>
08/11/2024	120 kg	-	-	-	<i>Bobit</i>
09/11/2024	NIL	-	-	-	<i>Bobit</i>
10/11/2024	100 kg	-	-	-	<i>Bobit</i>
11/11/2024	100 kg	-	-	-	<i>Bobit</i>
12/11/2024	150 kg	-	-	-	<i>Bobit</i>
13/11/2024	NIL	-	-	-	<i>Bobit</i>
14/11/2024	150 kg	-	-	-	<i>Bobit</i>
15/11/2024	120 kg	-	-	-	<i>Bobit</i>
16/11/2024	100 kg	-	-	-	<i>Bobit</i>
17/11/2024	150 kg	-	-	-	<i>Bobit</i>
18/11/2024	NIL	-	-	-	<i>Bobit</i>
19/11/2024	NIL	-	-	-	<i>Bobit</i>



सत्यमेव जयते

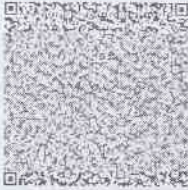
INDIA NON JUDICIAL

Government of National Capital Territory of Delhi

₹100

e-Stamp

Certificate No. : IN-DL29170649859346W
Certificate Issued Date : 01-Aug-2024 03:32 PM
Account Reference : IMPACC (IV)/ dl782403/ DELHI/ DL-DLH
Unique Doc. Reference : SUBIN-DL78240311967079220166W
Purchased by : SMS WATER GRACE BMW PVT LTD
Description of Document : Article 5 General Agreement
Property Description : Not Applicable
Consideration Price (Rs.) : 0
(Zero)
First Party : SMS WATER GRACE BMW PVT LTD
Second Party : SIR GANGARAM HOSPITAL B 1 BLOCK
Stamp Duty Paid By : SMS WATER GRACE BMW PVT LTD
Stamp Duty Amount(Rs.) : 100
(One Hundred only)



This agreement is made and executed at New Delhi on this 01st day of August 2024.

BY AND BETWEEN

M/s SMS WATER GRACE BMW PVT. LTD., having its office at Sewage Treatment Plant, Delhi Jal Board Complex, Nilothi, New Delhi- 110041 (For short hereinafter referred to as 'Service Provider') through its AGM, Mr. Prabal Pratap Singh Jadon to enter into and sign this agreement for and on behalf of the Service Provider of the **ONE PART.**

Director Medical
Sir Ganga Ram Hospital
Rajinder Nagar
New Delhi-110060



Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate
3. In case of any discrepancy please inform the Competent Authority

AND

SIR GANGARAM HOSPITAL, B-1 BLOCK, RAJINDER NAGAR, NEW DELHI-110060

through its Director Medical **Dr (Brig) Satendra Katoch** of the **OTHER PART**. (For Short hereinafter referred to as "Waste Generator")

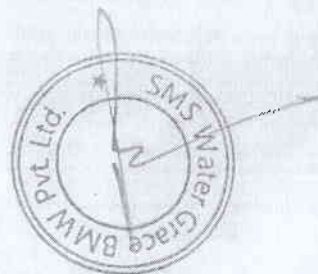
The expression of both the parties shall mean and include the parties, their respective legal heirs, successors, legal representatives, administrators, executors and assignees.

Whereas the Service Provider has been selected by Director of Health Services (DHS), Health & Family Welfare, Govt. Of N.C.T. of Delhi and duly authorized by the Delhi Pollution Control Committee (DPCC), under rule of 8(4) of the Bio-Medical Waste (Management & Handling) Rules 2016 for operating and providing facility for the collection, Reception, Treatment, Storage, Transportation and disposal of the bio- Medical Waste. And whereas the Waste Generator is desirous of out sourcing the disposal of its Bio-Medical Waste and have approached the service provider for providing its service in this regard and after discussions and due negotiations taken place, both the parties are agreed to enter into this agreement on the terms and conditions narrated herein after:-


NOW THIS AGREEMENT witnessed the following terms & conditions to be performed to by both parties to the present agreement.

1. That the Waste Generator will segregate, pack and label the bio-medical waste in the colour coded bags from the waste generation points as per guidelines of Bio-Medical Waste (Management & Handling) Rules 2016 and keep the said packed waste ready for collection by the staff of the Service Provider. The Service Provider will not collect any Bio-Medical waste which is not properly segregate and packed in accordance with guidelines of Bio-Medical Waste (Management & Handling) Rules 2016. The record of the collected waste shall be maintained by the Waste Generator with the acknowledgements signatures of the collection staff of the Service Provider to submit the annual Report to the concern Pollution Board in the prescribed format.
2. That the Service Provider will charge to the Waste Generator, being Clinic/Pathological Lab/Diagnostic Centre etc. (Not having bed facilities) and being a Nursing Home/**Hospital** (Having Bed facilities) as per the following schedule of rates:
 - (i) Minimum charges of **Rs.22,020/- (Twenty Two Thousand and Twenty Only)** per month for **hospital** (Beds.174). The 12% GST shall be borne by the Waste Generator upon the respective billings.

Director Medical
Sir Ganga Ram Hospital
Rajinder Nagar
New Delhi-110060



- (ii) The Waste Generator shall pay onetime non-refundable registration fee of Rs.500/ (Five hundred only) + 12% GST.
- (iii) The rates enumerated in clause 3(i) above may be varied at any given point of time due to hike in fuel Price, Wages for Labour negotiation with any unanimous body i.e. DMA/IMA at District or state level or any other factor which may effect the cost.
3. That the waste generator undertakes to make the payment through 'Account Payee Checque or Demand Draft' in favour of the M/s SMS WATER GRACE BMW PVT. LTD. On before 15th day of each successive month and hereafter the interest@ 18% for p.a. shall be Service Provider if the payment is not made within the stipulated period.
4. (a) Notwithstanding the aforesaid terms this agreement may be terminated by either party by giving 30 days written notice. However this requirement of 30 days notice shall not be applicable in the event the service charges are not paid by the Second Party as provided in Clause 6 of this agreement or upon the occurrence of any of events specified in Clause 5b (i) & (ii) in which events the service would be suspended/ terminated forthwith.
- (b) Notwithstanding the aforesaid terms and conditions:-
- i. The Service Provider will be at liberty to discontinue this service to the Waste generator in the event; the Waste Generator does not pay the service charges.
 - ii. The waste generator and Service Provider both to strictly follow the guidelines of the Bio-Medical Waste (Management & Handling) Rules 2016, during segregation, collection, Transportation and disposal of the bio- Medical Waste except due to the circumstances under force majeure clause and the circumstances beyond their control of the parties.
- (c) That upon expiry of the term or the earlier termination of this agreement, the accounts shall be settled and the refundable and interest free Advance deposit referred to in Clause2 above shall be returned without any interest thereon to the Waste Generator after the circumstance beyond their control of the parties.
5. The neither party shall transfer and /or assign the rights granted under this agreement without the prior intimation and written permission of the other party and without obtaining a written undertaking by the proposed assignee/transferee agreeing to

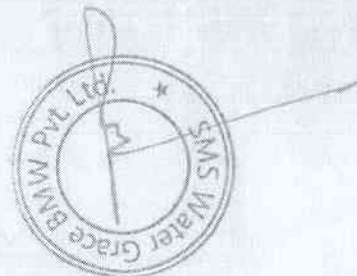

Director Medical
Sir Ganga Ram Hospital
Rajinder Nagar
New Delhi-110060



assume all of the said party 's obligations under this agreement and to abide by all the obligations and covenants contained herein.

6. That this agreement shall be governed by the laws of India and shall be interpreted and construed in accordance with the laws of India and Subject to the jurisdiction of Courts at Delhi, shall have exclusive jurisdiction to try, entertain and dispose between the parties thereto. All the notice, request, demands and other communications, required/permited to be given under this Agreement shall be in writing.
7. That the waste generator should get from time to time the service contract Agreement renewed from the service provider one month before the expiry of the validity of the Agreement. The Waste generator further undertakes to keep the validity period of the agreement for a minimum period of one year from the date of service as per pollution Control Committee/Board Rule and in between if the agreement is cancelled, they should directly intimate pollution control committee / Board with adequate reason about the cancelation of the agreement, failing which, all the consequence and penalties will be borne by the waste generate. Further, The waste generate also undertakes to give one month notice in writing if they want to discontinue the service and wish to switch over to another service provider failing which, they have to pay the service charge equivalent in one month minimum service charge s to the service provider in lieu of one monthly notice period.
8. That in case the service contract agreement gets misplaced at the waste generator end, then an additional Rs. 100/- will be charged from the generation of issuing the agreement once again.
9. That the waste generator further undertakes to sign every page of the agreement and return both copies of the agreement to the service provider's signature and the services provider will return the duplicate copy of the agreement to the waste generator. On receipt of the agreement, to the Waste generator will submit a copy of the agreement with the date of service expiry to the pollution control committee /board.
10. The term of this Agreement shall be for a period of one year from the **date of occupation/ commencement of the Block B1.**
11. That in case there is any change in the constitution of waste generator the same shall be informed forth with to the service provider.
12. That both the parties under take to remain bound by the term and conditions set out herein above.


Dr. (Drig) Satendra Katoch
Surgeon Medical
Ganga Ram Hospital
New Delhi-110060
21462



13. Please note that occupier must intimate the operator in writing in advance, preferably over and email, if the HCF is closed due to any reason. In absence of such intimation, occupier shall be liable to pay the service charges. Other terms and condition of service agreement remains the same.

IN WITNESS WHEREOF, THE PARTIES HERE TO HAVE SET THERE SIGNATURE AND SEAL ON THE DAY AND YEAR MENTIONED HEREIN ABOVE.

SIR GANGARAM HOSPITAL

AUTHORIZED SIGNATORY

Address:

B-1 BLOCK, RAJINDER NAGAR

NEW DELHI-110060

Prabal Singh
08/08/14

Director Medical
Sir Ganga Ram Hospital
Rajinder Nagar
New Delhi-110060

Fax:

Witness – H.C.E.

1. *Sadhvi*

SMS WATER GRACE BMW PVT. LTD.

AUTHORIZED SIGNATORY

Sewage Treatment Plant,

Delhi Jal Board Complex

New Delhi-110041

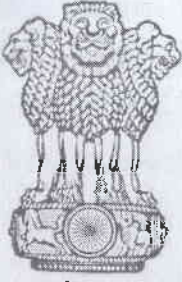
Ph: +91- 8744076042

web : www.smsdelhibrnw.in

Email: prabal.singh@smsl.co.in

Witness:- SMSWGBMWPL

1. *Prabal Singh*
8744076042



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Government of National Capital Territory of Delhi

₹100

e-Stamp

Certificate No. : IN-DL17328484865758W
 Certificate Issued Date : 13-Jul-2024 04:54 PM
 Account Reference : IMPACC (IV)/ dl782403/ DELHI/ DL-DLH
 Unique Doc. Reference : SUBIN-DL DL78240389199926410016W
 Purchased by : SMS WATER GRACE BMW PVT LTD
 Description of Document : Article 5 General Agreement
 Property Description : Not Applicable
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : SMS WATER GRACE BMW PVT LTD
 Second Party : SIR GANGA RAM HOSPITAL
 Stamp Duty Paid By : SMS WATER GRACE BMW PVT LTD
 Stamp Duty Amount(Rs.) : 100
 (One Hundred only)

सत्यमेव जयते



₹100

IN-DL-17328484865758W

SMS WATER GRACE BMW PVT LTD SMS WATER GRACE BMW PVT LTD SMS WATER GRACE BMW PVT LTD SMS WATER GRACE BMW PVT LTD SMS WATER GRACE BMW PVT LTD SMS WATER GRACE BMW PVT LTD SMS WATER GRACE BMW PVT LTD SMS WATER GRACE BMW PVT LTD SMS WATER GRACE BMW PVT LTD SMS WATER GRACE BMW PVT LTD

This agreement is made and executed at New Delhi on this 15th day of July, 2024.

BY AND BETWEEN

M/s SMS WATER GRACE BMW PVT. LTD., having its office at Sewage Treatment Plant, Delhi Jal Board Complex, Nilothi, New Delhi- 110041 (For short hereinafter referred to as 'Service Provider') through its AGM, Mr. Prabal Pratap Singh to enter into and sign this agreement for and on behalf of the Service Provider of the ONE PART.



Statutory Alert:

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2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

AND

SIR GANGA RAM HOSPITAL, RAJINDER NAGAR, NEW DELHI-110060

through its Proprietor/Partner/Authorized Representative Dr. *Satendra Kabah* of the OTHER PART. (For Short hereinafter referred to as "Waste Generator")

The expression of both the parties shall mean and include the parties, their respective legal heirs, successors, legal representatives, administrators, executors and assignees.

Whereas the Service Provider has been selected by Director of Health Services (DHS), Health & Family Welfare, Govt. Of N.C.T. of Delhi and duly authorized by the Delhi Pollution Control Committee (DPCC), under rule of 8(4) of the Bio-Medical Waste (Management & Handling) Rules 2016 for operating and providing facility for the collection, Reception, Treatment, Storage, Transportation and disposal of the bio- Medical Waste. And whereas the Waste Generator is desirous of out sourcing the disposal of its Bio-Medical Waste and have approached the service provider for providing its service in this regard and after discussions and due negotiations taken place, both the parties are agreed to enter into this agreement on the terms and conditions narrated herein after:-

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2. That the Service Provider will charge to the Waste Generator, being Clinic/Pathological Lab/Diagnostic Centre etc. (Not having bed facilities) and being a Nursing Home/Hospital (Having Bed facilities) as per the following schedule of rates:
 - (i) Minimum charges of **Rs.42,000/- (Forty Two Thousand Only)** clinic/ Labs/ ladies hostels /Diagnostic Center/hospital (Beds.575). The 12% GST shall be borne by the Waste Generator upon the respective billings.
 - (ii) The rates enumerated in clause 3(i) above may be varied at any given point of time due to hike in fuel Price, Wages for Labour negotiation with any unanimous



body i.e. DMA/IMA at District or state level or any other factor which may effect the cost.

3. That the waste generator undertakes to make the payment through 'Account Payee Cheque or Demand Draft' in favour of the M/s SMS WATER GRACE BMW PVT. LTD. On before 15th day of each successive month and thereafter the interest@ 18% for p.a. shall be Service Provider if the payment is not made within the stipulated period.
4. (a) Notwithstanding the aforesaid terms this agreement may be terminated by either party by giving 30 days written notice. However this requirement of 30 days notice shall not be applicable in the event the service charges are not paid by the Second Party as provided in Clause 6 of this agreement or upon the occurrence of any of events specified in Clause 5b (i) & (ii) in which events the service would be suspended/ terminated forthwith.

(b) Notwithstanding the aforesaid terms and conditions:-
 - i. The Service Provider will be at liberty to discontinue this service to the Waste generator in the event: the Waste Generator does not pay the service charges.
 - ii. The waste generator and Service Provider both to strictly follow the guidelines of the Bio-Medical Waste (Management & Handling) Rules 2016, during segregation , collection, Transportation and disposal of the bio- Medical Waste except due to the circumstances under force majeure clause and the circumstances beyond their control of the parties.
(c) That upon expiry of the term or the earlier termination of this agreement, the accounts shall be settled and the refundable and interest free Advance deposit referred to in Clause 2 above shall be returned without any interest thereon to the Waste Generator after the circumstance beyond their control of the parties.
5. The neither party shall transfer and /or assign the rights granted under this agreement without the prior intimation and written permission of the other party and without obtaining a written undertaking by the proposed assignee/transferee agreeing to assume all of the said party 's obligations under this agreement and to abide by all the obligations and covenants contained herein.
6. That this agreement shall be governed by the laws of India and shall be interpreted and construed in accordance with the laws of India and Subject to the jurisdiction of Courts at Delhi, shall have exclusive jurisdiction to try, entertain and dispose between the parties thereto. All the notice, request, demands and other communications, required/permited to be given under this Agreement shall be in writing.

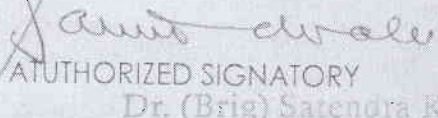


7. That the waste generator should get from time to time the service contract Agreement renewed from the service provider one month before the expiry of the validity of the Agreement. The Waste generator further undertakes to keep the validity period of the agreement for a minimum period of one year from the date of service as per pollution Control Committee/Board Rule and in between if the agreement is cancelled, they should directly intimate pollution control committee / Board with adequate reason about the cancelation of the agreement, failing which, all the consequence and penalties will be borne by the waste generate. Further, The waste generate also undertakes to give one month notice in writing if they want to discontinue the service and wish to switch over to another service provider failing which, they have to pay the service charge equivalent in one month minimum service charges to the service provider in lieu of one monthly notice period.
8. That in case the service contract agreement gets misplaced at the waste generator end, then an additional Rs. 100/- will be charged from the generation of issuing the agreement once again.
9. That the waste generator further undertakes to sign every page of the agreement and return both copies of the agreement to the service provider's signature and the services provider will return the duplicate copy of the agreement to the waste generator. On receipt of the agreement to the Waste generator will submit a copy of the agreement with the date of service expiry to the pollution control committee /board.
10. The term of this Agreement shall be for a perform commencing from 01.07.2024 to 30.06.2025.
11. That in case there is any change in the constitution of waste generator the same shall be informed forth with to the service provider.
12. That both the parties under take to remain bound by the term and conditions set out herein above.
13. Please note that occupier must intimate the operator in writing in advance, preferably over and email, if the HCF is closed due to any reason. In absence of such intimation, occupier shall be liable to pay the service charges. Other terms and condition of service agreement remains the same.



IN WITNESS WHEREOF, THE PARTIES HERE TO HAVE SET THERE SIGNATURE AND SEAL ON THE DAY AND YEAR MENTIONED HEREIN ABOVE.

SIR GANGA RAM HOSPITAL


AUTHORIZED SIGNATORY
Dr. (Brig) Satendra Katoch
Address: Director Medical
Sir Ganga Ram Hospital
RAJINDER NAGAR Delhi-110060
DMC-81462
NEW DELHI-110060

SMS WATER GRACE BMW PVT. LTD.


AUTHORIZED SIGNATORY
Sewage Treatment Plant,
Delhi Jal Board Complex
New Delhi-110041
Mob: +91-8744076042
Email: prabal.singh@smst.co.in
Web: www.smsdelhibmw.in

Witness - H.C.E.

1. 

Witness:- SMSWGBMWPL

1. 



Month of

September - 2024

Sl No

SIR GANGA RAM HOSPITAL

STP

MONTH:



DATE	TIME	STP ENERGY METER READING(KWH)	STP ENERGY CONS. (KWH)	STP INLET (KL)	STP OUTLET (KL)	WASTE WATER CONS. (KL)	TWT PH
01-09-24	10:00AM	98574	132	51775622	8506528	455-KL	7.29
02-09-24	10:00AM	98704	130	51821446	8552511	460-KL	7.31P
03-09-24	10:00AM	98831	127	51864958	8597728	458-KL	7.35P
04-09-24	10:00AM	98941	110	51908436	8643522	458-KL	7.32P
05-09-24	10:00AM	99055	112	51952932	8689564	462-KL	7.31P
06-09-24	10:00AM	99169	109	51996118	8735095	455-KL	7.33P
07-09-24	10:00AM	99276	114	52039922	8781042	460-KL	7.38P
08-09-24	10:00AM	99378	102	52084946	8826041	458-KL	7.30P
09-09-24	10:00AM	99482	104	52130446	8871601	456-KL	7.35P
10-09-24	10:00AM	99583	101	52174962	8916246	446-KL	7.26P
11-09-24	10:00AM	99689	106	5221822	8961728	455-KL	7.33P
12-09-24	10:00AM	99791	102	52256048	9007936	462-KL	7.40P
13-09-24	10:00AM	99896	105	52298125	9052742	448-KL	7.40P
14-09-24	10:00AM	99997	101	52342646	9097261	445-KL	7.14PH
15-09-24	10:00AM	100097	100	52388646	9143311	461-KL	7.22P
16-09-24	10:00AM	100199	102	52433126	9187946	446-KL	7.36PH
17-09-24	10:00AM	100302	103	52476642	9231711	438-KL	7.28PH
18-09-24	10:00AM	100407	105	52518136	9275928	442-KL	7.33PH
19-09-24	10:00AM	100509	102	52561232	9320722	448-KL	7.38PH
20-09-24	10:00AM	100513	104	52603038	9364725	435-KL	7.42PH
21-09-24	10:00AM	100613	100	52644822	9408496	442-KL	7.40PH
22-09-24	10:00AM	100714	101	52690446	9451031	458-KL	7.41PH
23-09-24	10:00AM	100814	100	52734811	9495442	444-KL	7.28PH
24-09-24	10:00AM	100917	103	52779332	9541228	458-KL	7.56PH
25-09-24	10:00AM	101017	100	52822145	9586436	452-KL	7.38PH
26-09-24	10:00AM	101119	102	52864326	9630957	445-KL	7.32PH
27-09-24	10:00AM	101224	105	52906822	9675745	448-KL	7.38PH
28-09-24	10:00AM	101325	101	52950318	9721362	456-KL	7.40PH
29-09-24	10:00AM	101425	100	52994361	9765300	440-KL	7.21PH
30-09-24	10:00AM	101528	103	53037140	9810577	452-KL	7.40PH

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Month- Of. August- 2024

SIR GANGA RAM HOSPITAL

STP

MONTH:



DATE	TIME	STP ENERGY METER READING(KWH)	STP ENERGY CONS. (KWH)	STP INLET (KL)	STP OUTLET (KL)	WASTE WATER CONS. (KL)	TWT PH
01-08-24	10:00 AM	94666	131	50368722	7085136	466-KL	7.33
02-08-24	10:00 AM	94796	130	50414211	7130742	456-KL	7.36
03-08-24	10:00 AM	94928	132	50460246	7176982	462-KL	7.22
04-08-24	10:00 AM	95059	131	50505716	7222718	458-KL	7.26
05-08-24	10:00 AM	95189	130	50551748	7268748	460-KL	7.37
06-08-24	10:00 AM	95317	128	50594862	7313396	452-KL	7.31
07-08-24	10:00 AM	95446	129	50640822	7360138	462-KL	7.30
08-08-24	10:00 AM	95577	131	50686811	7406123	460-KL	7.37
09-08-24	10:00 AM	95707	130	50730852	7450668	445-KL	7.42
10-08-24	10:00 AM	95836	129	50775811	7496124	455-KL	7.35
11-08-24	10:00 AM	95967	131	50821642	7541960	458-KL	7.02
12-08-24	10:00 AM	96097	130	50866821	7588511	466-KL	7.05
13-08-24	10:00 AM	96225	128	50913611	7634042	455-KL	7.12
14-08-24	10:00 AM	96356	131	50959628	7680262	462-KL	7.22
15-08-24	10:00 AM	96483	127	51005136	7726012	458-KL	7.30
16-08-24	10:00 AM	96612	129	51049628	7770511	445-KL	7.25
17-08-24	10:00 AM	96738	126	51096142	7817146	466-KL	7.31
18-08-24	10:00 AM	96868	130	51141168	7862111	450-KL	7.24
19-08-24	10:00 AM	96999	131	51186922	7907942	458-KL	7.37
20-08-24	10:00 AM	97127	128	51232741	7953968	460-KL	7.31
21-08-24	10:00 AM	97256	129	51278211	7999781	458-KL	7.27
22-08-24	10:00 AM	97387	131	51323746	8045768	460-KL	7.32
23-08-24	10:00 AM	97515	128	51370211	8092522	468-KL	7.35
24-08-24	10:00 AM	97645	130	51413436	8138128	456-KL	7.32
25-08-24	10:00 AM	97764	129	51459446	8184156	460-KL	7.37
26-08-24	10:00 AM	97895	131	51506232	8231011	469-KL	7.38
27-08-24	10:00 AM	98022	127	51551701	8276554	455-KL	7.31
28-08-24	10:00 AM	98152	130	51598216	8323046	465-KL	7.21
29-08-24	10:00 AM	98281	129	51644036	8369258	462-KL	7.33
30-08-24	10:00 AM	98412	131	51686548	8415011	458-KL	7.26
31-08-24	10:00 AM	98542	130	51732562	8461046	460-KL	7.28

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Month - of - July - 2024

SIR GANGA RAM HOSPITAL

STP



Tasayan Udyog

MONTH:

DATE	TIME	STP ENERGY METER READING (KWH)	STP ENERGY CONS. (KWH)	STP INLET (KL)	STP OUTLET (KL)	WASTE WATER CONS. (KL)	TWT PH
01.07.24	10:00 AM	91016	130	45998964	5673148	455 KL	7.95 P
02.07.24	10:00 AM	91048	132	46045942	5720128	470 KL	7.65 P
03.07.24	10:00 AM	91179	131	46091401	5765946	458-KL	7.86 P
04.07.24	10:00 AM	91312	133	46137442	5811946	460-KL	7.58 P
05.07.24	10:00 AM	91442	130	46182961	5857586	456-KL	7.59 P
06.07.24	10:00 AM	91574	132	46228942	5903749	462-KL	7.90 P
07.07.24	10:00 AM	91604	130	46273764	5948548	448-KL	7.65 P
08.07.24	10:00 AM	91734	130	46319742	5994522	460-KL	7.70 P
09.07.24	10:00 AM	91765	131	46365262	6040182	456-KL	7.95 P
10.07.24	10:00 AM	91907	132	46411256	6086192	460-KL	7.68 P
11.07.24	10:00 AM	92037	130	46457222	6131328	452-KL	7.42 P
12.07.24	10:00 AM	92166	129	46496139	6177185	458 KL	7.52 P
13.07.24	10:00 AM	92296	130	49542164	6223346	462 KL	7.02 P
14.07.24	10:00 AM	92427	131	49584822	6268839	455 P	7.01 P
15.07.24	10:00 AM	92555	128	49625836	6311328	428 KL	7.05 P
16.07.24	10:00 AM	92685	130	49669015	6356495	451-KL	7.05 P
17.07.24	10:00 AM	92814	129	49712566	6402699	462-KL	7.02 P
18.07.24	10:00 AM	92945	131	49756125	6448022	454-KL	7.05 P
19.07.24	10:00 AM	93074	129	4979832	6494636	460-KL	7.08 P
20.07.24	10:00 AM	93204	130	49839018	6538822	448 KL	7.05 P
21.07.24	10:00 AM	93335	131	49880635	6584345	455 KL	7.20 P
22.07.24	10:00 AM	93463	128	49923822	6627518	432-KL	7.80 P
23.07.24	10:00 AM	93593	130	49968036	6673139	456-KL	7.02 P
24.07.24	10:00 AM	93724	131	50012254	6719108	460-KL	7.01 P
25.07.24	10:00 AM	93854	130	50057246	6764629	455-KL	7.02 P
26.07.24	10:00 AM	93986	132	50103248	6810826	462-KL	7.33 P
27.07.24	10:00 AM	94015	129	50146746	6856432	456-KL	7.36 P
28.07.24	10:00 AM	94146	131	50191748	6901430	458-KL	7.32 P
29.07.24	10:00 AM	94276	130	50237268	6946986	455-KL	7.30 P
30.07.24	10:00 AM	94406	128	50281742	6993125	462-KL	7.33 P
31.07.24	10:00 AM	94535	131	50394976	7038528	454-KL	7.30 P

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FACILITY MANAGER

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Month - of - June - 2024

SIR GANGA RAM HOSPITAL

STP



MONTH:

DATE	TIME	STP ENERGY METER READING (KWH)	STP ENERGY CONS. (KWH)	STP INLET (KL)	STP OUTLET (KL)	WASTE WATER CONS. (KL)	TWT PH
01.06.24	10:00 AM	87487	130	44664036	4292848	428-KL	7.92
02.06.24	10:00 AM	87618	131	44705041	4333868	410-KL	7.81
03.06.24	10:00 AM	87650	132	44747542	4376441	426-KL	7.91
04.06.24	10:00 AM	87780	130	44790068	4419268	428-KL	7.96
05.06.24	10:00 AM	87908	128	44832342	4508232	445-KL	7.82
06.06.24	10:00 AM	87939	131	44873522	4552035	488-KL	7.95
07.06.24	10:00 AM	88071	132	44916018	4595266	438-KL	7.97
08.06.24	10:00 AM	88201	130	44959230	4639728	495-KL	7.92
09.06.24	10:00 AM	88332	131	45000264	4680742	410-KL	7.96
10.06.24	10:00 AM	88364	132	45044842	4725301	446-KL	7.98
11.06.24	10:00 AM	88494	130	45089261	4769842	445-KL	7.96
12.06.24	10:00 AM	88624	130	45134742	4815862	460-KL	7.98
13.06.24	10:00 AM	88756	132	45178712	4860368	445-KL	7.96
14.06.24	10:00 AM	88887	131	45225246	4896964	466-KL	7.98
15.06.24	10:00 AM	89016	129	45270221	4942142	452-KL	7.96
16.06.24	10:00 AM	89146	130	45316211	4988161	460-KL	7.98
17.06.24	10:00 AM	89278	132	45360766	5032646	445-KL	7.98
18.06.24	10:00 AM	89409	131	45405242	5077484	448-KL	7.97
19.06.24	10:00 AM	89542	133	45449781	5121968	445-KL	7.96
20.06.24	10:00 AM	89674	132	45493761	5165941	440-KL	7.95
21.06.24	10:00 AM	89805	131	45539241	5211762	458-KL	7.96
22.06.24	10:00 AM	89935	130	45584264	5256704	450-KL	7.96
23.06.24	10:00 AM	90067	132	45629761	5302546	458-KL	7.98
24.06.24	10:00 AM	90097	130	45675746	5348701	462-KL	7.96
25.06.24	10:00 AM	90228	131	45720748	5394268	455-KL	7.98
26.06.24	10:00 AM	90360	132	45766768	5440442	462-KL	7.96
27.06.24	10:00 AM	90490	130	45812242	5486261	458-KL	7.95
28.06.24	10:00 AM	90622	132	45859486	5533249	470-KL	7.98
29.06.24	10:00 AM	90753	131	45905942	5580042	468-KL	7.98
30.06.24	10:00 AM	90886	133	45953468	5627686	476-KL	7.96

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01/06/24

FACILITY MANAGER

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01/07/24

1 Month of May - 2024

SIR GANGA RAM HOSPITAL

STP

MONTH:



Rasayan Udyog

DATE	TIME	STP ENERGY METER READING (KWH)	STP ENERGY CONS. (KWH)	STP INLET (KL)	STP OUTLET (KL)	WASTE WATER CONS. (KL)	TWT PH
01-05-24	10:00 AM	83694	130	43643706	3300261	420 KL	7.68 PH
02-05-24	10:00 AM	83826	132	43686242	3342840	426 KL	7.72 PH
03-05-24	10:00 AM	83957	131	43728148	3385146	423 KL	7.61 PH
04-05-24	10:00 AM	84085	128	43769754	3427982	428 KL	7.65 PH
05-05-24	10:00 AM	84213	128	43811762	3469968	420 KL	7.71 PH
06-05-24	10:00 AM	84335	122				
07-05-24	10:00 AM	84461	126				
08-05-24	10:00 AM	84589	128	STP plant tank cleaning			7.62 PH
09-05-24	10:00 AM	84612	123	Under process 06.05.24 to			7.71 PH
10-05-24	10:00 AM	84733	121	12.05.2024 tank cleaning			7.76 PH
11-05-24	10:00 AM	84859	126	work by done.			7.81 PH
12-05-24	10:00 AM	84983	124				7.81 PH
13-05-24	10:00 AM	85112	129				7.82 PH
14-05-24	10:00 AM	85242	130	43853742	3512046	421 KL	7.61 PH
15-05-24	10:00 AM	85373	131	43894700	3553612	410 KL	7.82 PH
16-05-24	10:00 AM	85503	130	43937262	3595622	426 KL	7.81 PH
17-05-24	10:00 AM	85631	128	43979700	3638464	428 KL	7.84 PH
18-05-24	10:00 AM	85761	130	440218302	3681942	435 KL	7.81 PH
19-05-24	10:00 AM	85893	132	44064035	3725718	438 KL	7.85 PH
20-05-24	10:00 AM	86024	131	44107061	3768742	430 KL	7.81 PH
21-05-24	10:00 AM	86054	130	44149506	3811361	426 KL	7.78 PH
22-05-24	10:00 AM	86182	128	44193072	3854978	436 KL	7.81 PH
23-05-24	10:00 AM	86312	130	44235835	3899126	442 KL	7.80 PH
24-05-24	10:00 AM	86441	129	44280361	3943941	448 KL	7.81 PH
25-05-24	10:00 AM	86572	131	44322518	3987326	435 KL	7.72 PH
26-05-24	10:00 AM	86702	130	44365541	3987758	432 KL	7.81 PH
27-05-24	10:00 AM	86835	133	44408001	4030306	426 KL	7.95 PH
28-05-24	10:00 AM	86965	130	44451562	4073942	436 KL	7.88 PH
29-05-24	10:00 AM	87096	131	44494036	4118428	445 KL	7.80 PH
30-05-24	10:00 AM	87225	129	44536258	4162792	438 KL	7.83 PH
31-05-24	10:00 AM	87357	132	44579432	4202459	442 KL	7.85 PH
				44622946	4250068	436 KL	7.91 PH

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FACILITY MANAGER

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Month = DF = April
2024

SIR GANGA RAM HOSPITAL

STP



MONTH:

DATE	TIME	STP ENERGY METER READING (KWH)	STP ENERGY CONS. (KWH)	STP INLET (KL)	STP OUTLET (KL)	WASTE WATER CONS. (KL)	TWT PH
21-04-24	10:00 AM	80141	130	42406518	2024962	418-KL	7.45 PH
22-04-24	10:00 AM	80269	128	42428035	2067408	425-KL	7.31 PH
23-04-24	10:00 AM	80400	131	42486539	2108932	415-KL	7.36 PH
24-04-24	10:00 AM	80529	129	42527496	2151146	422-KL	7.38 PH
25-04-24	10:00 AM	80659	130	42569225	2194368	432-KL	7.42 PH
26-04-24	10:00 AM	80787	128	42610258	2236842	425-KL	7.33 PH
27-04-24	10:00 AM	80917	130	42651766	2279685	428-KL	7.42 PH
28-04-24	10:00 AM	81044	127	42692058	2320826	412-KL	7.35 PH
29-04-24	10:00 AM	81173	129	42733572	2363028	422-KL	7.28 PH
30-04-24	10:00 AM	81304	131	42775218	2406532	435-KL	7.45 PH
01-04-24	10:00 AM	81434	130	42816830	2449368	428-KL	7.40 PH
02-04-24	10:00 AM	81561	127	42858624	2492615	433-KL	7.38 PH
03-04-24	10:00 AM	81690	129	42897736	2535358	407-KL	7.45 PH
04-04-24	10:00 AM	81816	126	42939530	2578845	435-KL	7.36 PH
05-04-24	10:00 AM	81944	128	42980225	2620318	415-KL	7.58 PH
06-04-24	10:00 AM	81974	130	43021236	2663155	428-KL	7.40 PH
07-04-24	10:00 AM	82001	127	43063345	2706709	436-KL	7.52 PH
08-04-24	10:00 AM	82130	129	43104866	2749132	424-KL	7.60 PH
09-04-24	10:00 AM	82261	131	43146094	2791935	428-KL	7.55 PH
10-04-24	10:00 AM	82369	128	43187032	2834438	425-KL	7.58 PH
11-04-24	10:00 AM	82495	129	43228041	287852	410-KL	7.66 PH
12-04-24	10:00 AM	82626	131	43269522	2917242	418-KL	7.62 PH
13-04-24	10:00 AM	82756	130	43310545	2960035	428-KL	7.58 PH
14-04-24	10:00 AM	82884	128	43351622	3003246	435-KL	7.65 PH
15-04-24	10:00 AM	83015	131	43393661	3045362	421-KL	7.70 PH
16-04-24	10:00 AM	83144	129	43433228	3087940	426-KL	7.72 PH
17-04-24	10:00 AM	83274	130	43476242	3130946	430-KL	7.71 PH
18-04-24	10:00 AM	83403	129	43516260	3173460	425-KL	7.70 PH
19-04-24	10:00 AM	83434	131	43560240	3215441	420-KL	7.68 PH
20-04-24	10:00 AM	83564	120	43607288	3258262	428-KL	7.65 PH

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दिल्ली विद्युत विनियामक आयोग

Delhi Electricity Regulatory Commission

(A Statutory Body of Govt. of NCT of Delhi)



F.17(217)/Engg./DERC/2012-13/3608/ 6252

05.03.2013

Chief Executive Officer
M/s BSES Yamuna Power Ltd
BSES Bhawan,
Shakti Kiran Building, Karkardooma
New Delhi - 110032

Sub: Establishment of GIS Grid Sub-Station (33/11 kV) at Sir Ganga Ram Hospitals along with In-feed

Sir

This is with reference to letter no. RA/BYPL/12-13/257 dated 21.11.2012 from BYPL therewith enclosing DPR for Establishment of GIS Grid Sub-Station (33/11 kV) at Sir Ganga Ram Hospitals along with In-feeds at an estimated cost of Rs.17.75 crores.

BYPL has submitted that Sir Ganga Ram Hospital has requested for 15 MVA Load. In order to meet the ultimate load requirements of the Hospital, BYPL has proposed to establish 33/11 kV Grid station with 2X25 MVA Transformers inside the hospital premises. Since sufficient space for a conventional Grid station is not available, the scheme has been prepared for 33 kV I/D GIS substation instead of AIS. Ganga Ram Hospital authorities also have agreed to the proposal of GIS Grid Station. Accordingly, they have offered a plot with area of Approx. 545 Sq. m for construction of 33/11 kV GIS Grid Sub-Station.

BYPL has proposed 33 kV Grid sub-Station at Sir Ganga Ram Hospital with in-feed from 66/33/11 kV shastri Park & 33/11 kV Shankar Road Grid Sub-Stations and Sir Ganga Ram Hospital is also agreed for the same. BYPL has confirmed that capacity for in-feed to Sir Ganga Ram Hospital is available at both these grid sub-stations.

Scope of Work:

a) **Electrical Equipment Works:**

- I. Supply and Installation of Electrical equipments such as Power Transformers, 33KV GIS, 11 kV Switchgear Panels, DCDB, ACDB, Station Transformer, Battery system, cable trays and Control Cable etc.
- II. Testing and commissioning of above equipments.
- III. Indoor and Outdoor illumination

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b) **HT Cable Laying Works:**

- I. Excavation of Cable trench.
- II. Laying of 33 KV 3Cx400 sq mm XLPE cables from Shnakar Road & Shastri Park Grid
- III. Making End termination and Straight through joint
- IV. Testing and Commissioning of above Cable.

c) **Civil Works:**

- I. Construction of single Storied Control room building accommodating, 33KV and 11 kV Switchgears, Battery with Charger, DCDB, ACDB etc.
- II. Construction of foundations for Power Transformers and capacitor bank.
- III. Construction of Boundary wall and Yard Development etc.
- IV. Construction of Road, Cable trenches, Drainage, rain water harvesting etc.

In view of the above, the Commission hereby accords 'in-principle' approval to Establishment of GIS Grid Sub-Station (33/11 kV) at Sir Ganga Ram Hospitals along with In-feeds at an estimated cost of Rs.13.83 crores (BYPL Share is 6.37 crs. & Party Share is 7.46 crs.)

The BOQ of major material is enclosed as **Annexure-I**.

The said approval of the Commission is subject to the following conditions:

- BYPL should seek revised approval of the Commission, if actual cost is in excess of 15% of the estimated cost of the scheme.
- **Implementation Schedule:** The scheme shall be executed within the stipulated time frame specified by the BYPL.
- **Competitive Bidding:** The various equipments and material for execution of schemes shall be procured through a fair, transparent and Competitive Bidding Process in accordance with guidelines issued by the Commission vide letter No. F. 3 (243)/Tariff/DERC/2008-09/1883-85 dated 11.08.2009.
- **Execution of Works:** All works shall be carried out in compliance with the Standards/Rules/Regulations/Acts. Further, the works shall be executed by adopting best industry practices duly keeping in view the aesthetics in case of all overhead works.

Distribution licensee shall follow the Construction Standards as approved by CEA and available on the website captioned "Technical Standards for Construction of Electrical Plants and Electric Lines, Regulations, 2010".

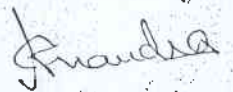
Project Reports for civil works shall be based upon CPWD norms as per Delhi Schedule of Rates.

BYPL shall inform to the requesting agency about schedule for start of Under Ground works and its completion at site so that the staff from the requesting agency could undertake the site visit within agreed time schedule. However, in case the staffs from the requesting agency do not undertake the site visit within agreed time schedule, BYPL can complete the work i.e. closing of the trench etc.

- **Purchase Order(s):** Copy(ies) of the Purchase Order(s) placed for procurement of equipments and contracts awarded for the services hired for execution of the scheme be submitted to the Commission, within two weeks of placing the order(s).
- **Actual cost:** BYPL shall also submit the completion report indicating the actual cost incurred in the implementation of the schemes. The final cost and quantity will be subject to verification by way of prudence check/truing up at the time of final approval/capitalization.
- **Reclamation Credit:** Reclamation of material, wherever applicable, shall be made and credit thereof shall be given at the time of finalization of scheme costs.
- **Progress Report:** BYPL shall submit quarterly Progress Report to the Commission indicating the financial and physical progress of the implementation of the schemes. The quarterly Progress Report of the quarter ending 31st March, 30th June, 30th September and 31st December of each year shall be furnished within 15 days of the end of each quarter respectively.
- **Clearance/NOC from Civic Authorities:** BYPL shall obtain requisite clearance/NOC from Civic Authorities etc. to avoid any subsequent legal complication.
- **Road Restoration Charges:** BYPL shall furnish the actual payment receipts made to various Road Owning Agencies like PWD, MCD, DDA, etc. to the Commission at the time of furnishing the details for capitalization.
- **Taxes (Service Tax etc):** Taxes are to be levied as per actual and it should be accounted for accordingly at the time of finalization of account.
- **Reconciliation of Accounts:** The final accounts shall be reconciled by the BYPL with the concerned requesting agency for which the deposit work is undertaken, within three months of the commissioning/completion of the work, whichever is earlier.

- **Certificates:** BYPL shall submit the following prescribed Certificates on completion of the scheme:
 - Electrical Inspector's Certificate/Report after compliance with the objections/suggestions, wherever applicable. The works shall be commissioned only after obtaining the requisite statutory certificates, including Electrical Inspector Certificate.
 - Contractor's Certificate for proper execution of work.
 - Statutory Auditor's Certificate for the full and final actual cost disbursed for execution of work.

Yours faithfully



(Anjali Chandra)

Exe. Director (Engg./Tariff)

Encl.: B.O.Q.

B.O.Q. of Major Materials for Establishment of 33/11kV Gas Insulated Grid Sub-Station with 2X25MVA Power Transformer at Sir Ganga Ram Hospital. (Deposit Work)

Sr. No.	ITEM	UOM	QUANTITY
1	33/11KV, 25MVA, POWER TRANSFORMER	EA	2
2	11 KV Incomer panel, 500 MVA, 2000A	EA	2
3	11 KV Bus coupler with bus PT & Bus raiser	EA	1
4	11 KV Outgoing Panel	EA	16
5	11 KV capacitor panel	EA	2
6	11 KV adapter panel	EA	2
11	33kV Incomer Panel (GIS)	EA	4
12	33kV Bus Coupler Panel (GIS)	EA	1
13	33kV Bus PT (GIS)	EA	2
17	10C X 2.5 sq. mm Cu	Mtrs.	1400
18	20Cx 1.5 sq.mm Cu	Mtrs.	1200
19	6C X 2.5 sq. mm Cu	Mtrs.	1600
20	5Cx2.5 sq.mm Cu	Mtrs.	1000
21	4CX6Sqmm Cu	Mtrs.	850
22	4Cx 25 sq.mm AL	Mtrs.	1000
23	4Cx150 sq.mm AL	Mtrs.	750
24	4Cx95 sq.mm AL	Mtrs.	750
25	4CX16 SqMM	Mtrs.	400
27	11KV, XLPE 1CX1000 SQ MM SINGLE CORE CABLE	M	600

32	33KV GIS END TERMINATION FOR 3CX400MM2	EA	12
33	GALVANISHED STEEL STRUCTURE	LOT	1
34	EARTHING SYSTEM INCLUDING 40MM DIA. ROD, GALVANISHED EARTHING STRIP, EARTH PIT ETC	LOT	1
35	FIRE FIGHTING SYSTEM INCLUDING FIRE EXTINGUISHER, SMOKE AND HEAT DETECTOR SYSTEM, PRESSURISED NITROGEN SYSTEM FOR POWER TRANSFORMER	LOT	1
36	ILLUMINATION SYSTEM FOR INDOOR AND OUTDOOR LIGHTING	LOT	1
38	SCADA SYSTEM	LOT	1

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B.O.Q. of Major Materials for Laying of 33 KV 3Cx400 sq mm XLPE U/G cable from 66/33/11 KV Shastri Park Grid and 33/11 KV Shankar Road Grid to proposed 33KV Sir Ganga Ram Hospital Indoor Grid

S.No.	Description	Unit	Qty.
1	CABLE ARM XLPE 33KV 3C 400MM2 AL	Mtrs.	4600
2	KIT STRT JNT 33KV 3CX400MM2 HS XLPE	EA	26
3	RCC cable cover 2 feet long	Nos	3000
4	HDPE PIPE 200 MM DIA	Mtrs.	1000
5	KIT CBLTERM ID 33KV 3CX400MM2 HS XLPE	Nos.	16
6	33 KV Panel at Shankar Road Grid & Shastri park Grid	nos.	2
7	8" O.D. GI pipe.	Mtrs.	100
8	100mm GI pipe.	Mtrs.	50

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FORM- D1
(Chapter 2, Para 2.7.1/2.7.3)

COMPLETION CUM OCCUPANCY CERTIFICATE

Name of the Authority North Delhi Municipal Corporation

File No./Plan No. 10087591

Date 06/07/2021

To,

M/S. Sir Gangaram Trust Society

With reference to your notice of completion dated 25/03/2021, I hereby certify that the building as per description below and certified plans of EXPANSION OF SIR GANGARAM HOSPITAL PHAES -1 ELECTRIC SUBSTATION ESS RAJINDER NAGAR NEW DELHI-110060 whose LOP and Bldg. plans were sanctioned vide letter No. 10087591 dated and completion certificate as approved by DUAC/DFS and other statutory bodies, the NOC has been approved on _____. The site has been inspected with reference to Building Bye-Laws, Master Plan Delhi provisions, hygienic and sanitary conditions inside and in the surroundings and is declared fit for occupation.

The approving authority approves Architectural Drawings/Development Control norms with respect to the Building Bye Laws and Master Plan provisions only. The technical drawings/documents submitted by the owner/consultant/Architect/Engineer/Structural Engineer/Landscape Architect /Urban Designer/Engineer for Utility Services are considered as part of the records/information supporting the building permit only. The responsibility of the correctness of information/application of technical provisions fully vests with the owner/consultant/Architect/Engineer/Structural Engineer/Landscape Architect /Urban Designer/Engineer for Utility Services and shall be liable as per laws.

The structural stability of the building is based on the certificate given jointly by the Owner/Architect/Structural Engineer along with one set of Structural Drawings, incorporating therein the provisions of Structural Safety as specified in the relevant prevailing IS Codes/Standards/Guidelines stated in the Government of India Notification bearing No.SO-248(E) dated 21.3.2001 and clause 9.1, 9.2.1, 9.2.2 and Annexure VII of this Bye Laws.. For the fire-safety the same has been based on the clearance given by the Chief Fire Officer, Government of NCT of Delhi. The Authority/Local Body shall not have any responsibility for any loss caused to the building from any natural hazard / calamity.

Completion Certificate is issued for Plot No. SIR GANGA RAM as per enclosed drawings.

S.No	Floor	Remarks
1	Ground Floor	For electric substation
2	First Floor	For electric substation

Note:- Given Below is the remarks provided by concerned authority

"Released."

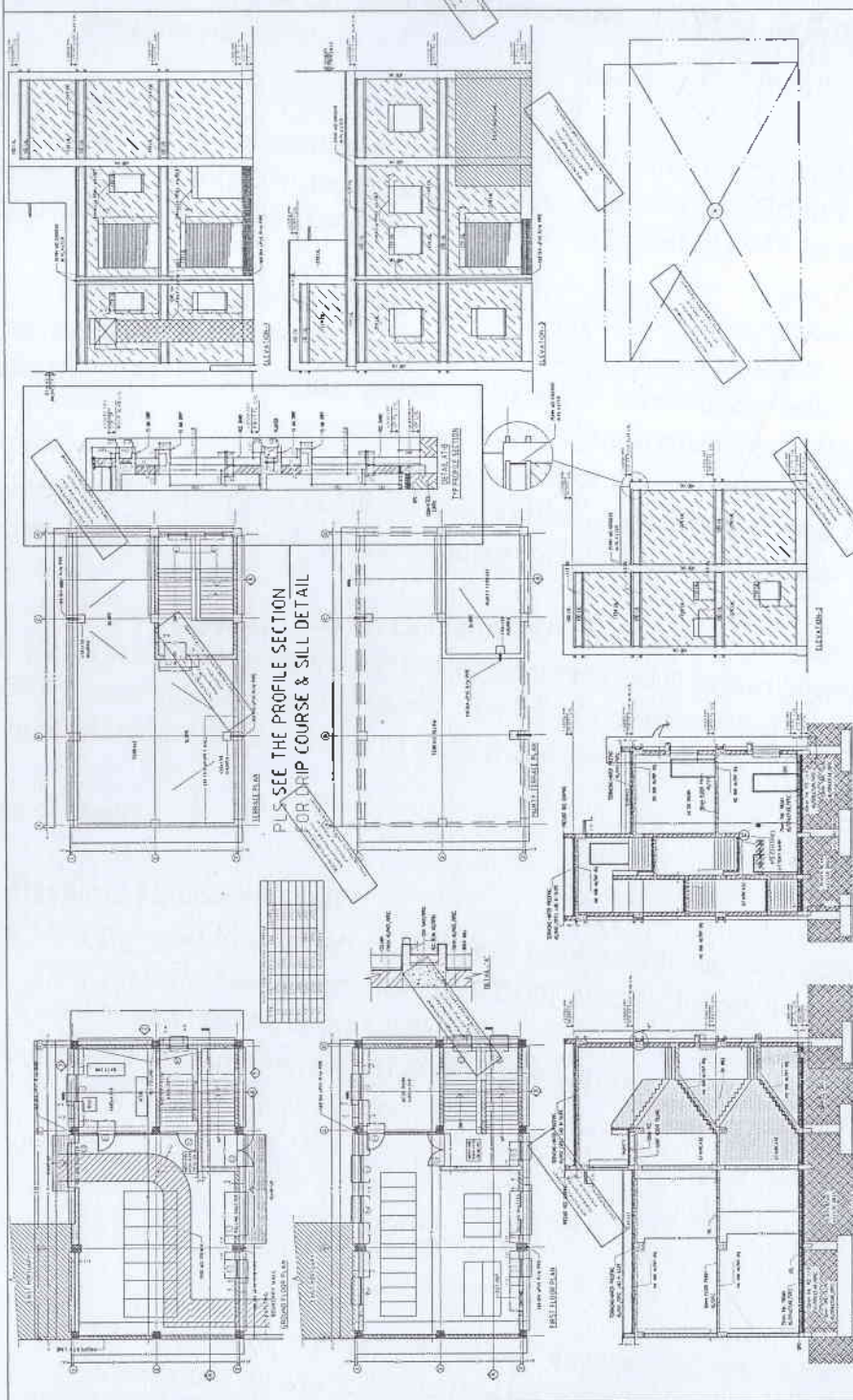
Yours Faithfully

North Delhi Municipal Corporation
Executive Engineer

Validity unknown

Digitally signed by KUMAR
MAHENDRA

Date: 2021.07.06 15:19:46 IST



PLS. SEE THE PROFILE SECTION FOR DRIP COURSE & SILL DETAIL

EXPANSION OF SIR GANGA RAM HOSPITAL RAJENDER NAGAR, NEW DELHI ELECTRICAL SUB STATION WORKING DRAWING	JOB NO.	DATE	DATE	DATE
		JUNE 2019		
	SCALE	1:100	SCALE	1:100
	DRAWING NO.	REV.	DRAWING NO.	REV.
	AR/ESS/A-10	R3		
NO. REVISIONS	NO. NOTES	NO. NOTES	NO. NOTES	NO. NOTES
R1 REVISIONS AS PER COMMENTS ON THE PREVIOUS SET	1. Change Room COVD AREA = 159.36 SQ MT	1. Change Room COVD AREA = 159.36 SQ MT	1. Change Room COVD AREA = 159.36 SQ MT	1. Change Room COVD AREA = 159.36 SQ MT
R2 REVISIONS AS PER COMMENTS ON THE PREVIOUS SET	2. Add COVD AREA = 159.36 SQ MT	2. Add COVD AREA = 159.36 SQ MT	2. Add COVD AREA = 159.36 SQ MT	2. Add COVD AREA = 159.36 SQ MT
R3 REVISIONS AS PER COMMENTS ON THE PREVIOUS SET	3. Total COVD Area = 318.72 SQ MT	3. Total COVD Area = 318.72 SQ MT	3. Total COVD Area = 318.72 SQ MT	3. Total COVD Area = 318.72 SQ MT

SANC. AREA STATEMENT

COVD. AREA ON ESS GR.FL.
A = 16.6600X9.600 = 159.36 SQ.MT.
TOTAL = 159.36 SQ.MT.

COVD. AREA ON F.FL.
A = 16.600X9.600 = 159.36 SQ.MT.
TOTAL = 159.36 SQ.MT.

TOTAL COVD. AREA ON ALL FL. GR + FIRST FLOOR
= 159.36 + 159.36 SQ.MT.
= 318.72 SQ.MT.

TOTAL COVD AREA MUMTY
= 5.600X4.600 = 25.76 SQ.MT.

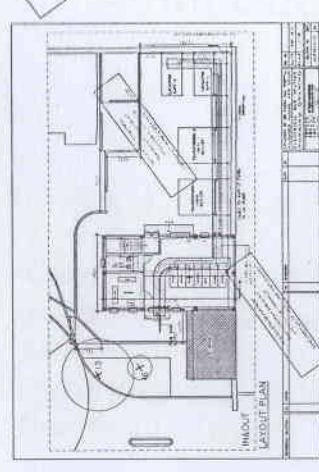
EXIST. AREA STATEMENT

COVD. AREA ON ESS GR.FL.
A = 16.6600X9.600 = 159.36 SQ.MT.
TOTAL = 159.36 SQ.MT.

COVD. AREA ON F.FL.
A = 16.600X9.600 = 159.36 SQ.MT.
TOTAL = 159.36 SQ.MT.

TOTAL COVD. AREA ON ALL FL. GR + FIRST FLOOR
= 159.36 + 159.36 SQ.MT.
= 318.72 SQ.MT.

TOTAL COVD AREA MUMTY
= 5.600X4.600 = 25.76 SQ.MT.



Sl. No. 3

EBILL Customer

Bill of Supply for Electricity

Due Date (बिल तिथि): 24-10-2024

Name: M/s. GANGA RAM TRUST SOCIETY
Billing Address: SH GANGA RAM HOSPITAL PURVI MARG, RAJINDER NGR, DELHI 110060
Supply Address: SH GANGA RAM HOSPITAL PURVI MARG
Mobile Tel. No.: 9810954956
E-mail ID: h.office@xgrh.com
Shankar Road
Meter Reading Status: DL
Bill Month: OCT-24
Due Date: 09-10-2024

Sanctioned Load: 4065.00 (KVA)
Contract Demand: 1250.00 (KVA)
M D I: 7039.00 (KVA)
Power Factor: 0.984
Poila No.: NA
Walking Sequence: SRDKN0093A0AB
Cycle No.: KN
Tariff Category: Large Industrial Power

CA No.: 500006887
Registration Date: 16-05-2002
Meter type: 3PSK
Supply Type: HT(33KV)
SBI No.: 100010425883
Bill Basis: Actual
O.D. No.: Y/24/11432299156
CCTV Tagged: No
Street Light Tagged: No
Wi-Fi: Tagged: No

Customer Care Centre No. (ग्रहण सेवा केंद्र का नंबर) 19122

Table with columns: Meter No., Unit, Billed Consumption (Current), Billed Consumption (Previous), Multiplication Factor, Current Consumption (बिल मास), Unit. Includes meter details in Annexure.

Billing Details (बिल का विवरण)

Current Period Charges (वर्तमान अवधि का शुल्क) (08-09-2024 to 09-10-2024)

Table with columns: Fixed Charge, Consumption Measured During, Energy Units Consumed/Billed, Slabwise Energy Charge, PPAC, TOD Charge, Time of Day (TOD) Charge, Surcharges, Total Amount. Includes QR code and 'Scan to subscribe for EBILL'.

Past Dues / Refunds / Subsidy (पिछला बकाया / वापसी / सखिडी)

Table with columns: Provisional Bill Refunds (वापसी), Arrears (बकाया), Late Payment Surcharge (LPSC), Total Charges Payable, Refund / Subsidy, Net Amount Payable.

Bill Amount Payable (बिल देय राशि)

₹ 32712810.00
Due Date of Payment (भुगतान देय तिथि) 24-10-2024
If payment is made after the due date, LPSC for the delay, shall be charged in the next bill.

Last payment ₹31610538.00 received on 23-09-2024. Payment accounted upto 09-10-2024. The connection shall be liable for disconnection on non-payment of all dues (including arrears of previous bill(s) by due date, after notice as per Section 56(i) of the Electricity Act, 2003.

IMPORTANT MESSAGE (महत्वपूर्ण सूचना)

*Other charges includes - Load violation Surcharge 20235.01 Power Purchase Adjustment Charge (PPAC) @ 39.00%... Security Deposit against your connection is mentioned herewith for correction. Pension Surcharge @ 7.00% has been levied on energy & fixed charge w.e.f. 01.10.2021.

(This bill is computer generated, hence does not require any signature.)



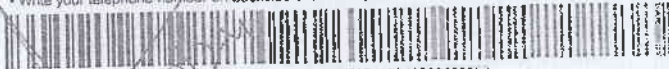
BSES Yamuna Power Limited

- Payment slip
Make your digital payment to BYPL CA No. 500006887
Cheque should not be post dated.
Write your telephone number on backside of the cheques.



The payment of monthly electricity bill of all categories of consumers except Domestic, Agriculture & Mushroom Cultivation exceeding Rs. 20,000/- shall necessarily be paid digitally through platforms like NEFT, RTGS, IMPS, Credit Card, Debit Card, Wallets like Paytm, Scs, etc.

- Cheque should be account payee and payable at Delhi.
Do not staple, only clip the cheque to payment slip.



Bill amount payable: ₹ 32712810.00
Cr. date: DD/MM

Bill month: Oct-24
Date:

Dr. Deepak Kumar B...
Director Administration
Sir Ganga Ram Hospital
New Delhi-110060



KCC 120122

KCC 120122

F.No. 21-103/2018-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA-III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 3

Date: 7th April, 2020

To,
M/s SIR GANGA RAM HOSPITAL
Sir Ganga Ram Marg, Rajinder Nagar,
New Delhi -110060
E Mail: sirgangaram_hospital@yahoo.com

Subject: 'Modernization of Sir Ganga Ram Hospital' at Sir Ganga Ram Hospital
Marg, Rajinder Nagar, New Delhi by M/s Sir Ganga Ram Hospital -
Amendment in Environmental Clearance - reg.

Sir,

This is in reference to your letter No. SGRH/Project/Environment Clearance/2019/3790/19/6 dated 06.12.2019 on the above mentioned subject submitted to this Ministry for seeking amendment in the Specific condition Para 5. No. (xxxv) of the Environmental Clearance letter accorded by MoEFCC vide letter F.No. 21-103/2018-IA-III dated 27.12.2018.

2. The proposal was discussed by the EAC (infra-2) in its meeting held during 28-29 January, 2020. During discussion the project proponent informed the EAC that at present the DG sets of capacity 2 x 1875 kVA, 2 x 2000 kVA, 3 x 625 kVA & 3 x 750 kVA has already been installed at the site. M/s Cummins India Ltd. have informed that the diesel based DG should be used where grid is available and gas gensets are installed where continuous run is required to act as a main source of power. Due to space constraints in the hospital, it is not possible to install gas based gensets which required 4 to 5 times space of DG sets. The hospital requires running of genset rarely because power supply is available from two sources on 11 KV line. This is evident from the record of running of existing DG sets for an average of 15 minutes per day during last two years. It may be seen that 4 nos. DG sets had run for total of 731 hours in two years to meet the requirement due to both load beyond the maximum sanctioned load of 4 MVA on 11 KV line and due to power shut down. After commissioning of 33 KV sub-stations, which is under construction in the complex, there will hardly be any running of DG set required as full load will be available through grid because of no restriction. This will also be available through two sources being hospital. The sanctioned load is 10 MVA to meet entire demand of 9 MVA as mentioned in proposal. Also there will be hardly any power cut/tripping on 33 KV line, therefore no standby power unit is required but considering the hospital, where emergency /critical services involving life threatening situation, standby power back is a must. The start-up time of Gas based Gensets are more viz-a-viz start up time required for Diesel based Gensets.

3. The EAC deliberated upon the proposal and opined that due to very less use and for a short span, it will not be feasible for the project proponent to install Gas based DG sets. The EAC recommended amending the Specific condition no. (xxxv) of the EC letter F.No. 21-103/2018-IA-III dated 27.12.2018. Based on the

Recd
2/4/20
17/18

Dir med

in

imp


→ Head Project - original
→ Head Maintenance Page 1 of 2
cc-to legal cell
17/01/2020

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recommendation of the EAC, the Ministry hereby amend the Specific condition Para 5. No. (xxxv) of the EC letter issued vide F.No. 21-103/2018-IA-III dated 27.12.2018 as follows:


"The project proponent shall use diesel power generating sets for standby power systems. Diesel power generating sets proposed as source of backup power 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 and low sulphur diesel shall be used. The location of the DG sets may be decided in consultation with Delhi Pollution Control Committee"

4. All the other terms and conditions stipulated in the EC letter issued vide F.No. 21-103/2018-IA-III dated 27.12.2018 shall remain unchanged.


(Dr. Vinod K. Singh)
Scientist E

Copy to:

- 1) The Secretary, Department of Environment, Government of Delhi, New Delhi.
- 2) The Addl. Principal Chief Conservator of Forests (C), Ministry of Environment, Forests and Climate Change, Kendriya Bhavan, 5th Floor, Sector-H, Aliganj, Lucknow - 226024.
- 3) The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
- 4) The Member Secretary, Delhi Pollution Control Committee, Department of Environment, Government of N.C.T. Delhi, 4th Floor, ISBT Building, Kashmere Gate, Delhi.
- 5) Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
- 6) Guard File/ Record File/ Notice Board.
- 7) MoEFCC website.


(Dr. Vinod K. Singh)
Scientist E

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ENVIRO-TECH SERVICES

An Analytical Laboratory



ISO 45001

58.148

(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/336/08/2024

DATE OF REPORT: 27.08.2024

NOISE MONITORING REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR KAROL BAGH,
NEW DELHI

Date of Monitoring : 17.08.2024

Monitoring Start Date : 17.08.2024

Monitoring End Date : 18.08.2024

Duration Of Monitoring : 24 HOURS

Sample ID No : 336

Monitoring Done By : ETS STAFF

Sampling Location : NEAR AUDITORIUM

Sampling Method : ETS/STP/NOISE-01

Category Of Area : SILENCE AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	44.8	50	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	35.6	40	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*****



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

For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
MD HUMRAJ
Quality Manager

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.

TEST REPORT

TEST REPORT NO.: ETS/1300-2/01/2024

DATE OF REPORT: 25.01.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR KAROL BAGH
NEW DELHI

Date Of Sampling : 13.01.2024

Analysis Start Date : 15.01.2024

Analysis End Date : 19.01.2024

Duration Of Sampling : 30.0 MIN

Sample ID No. : 1300-2

Sampling Done By : ETS STAFF

Sampling Method : ETS/STP/STACK-01

Stack Attached To : DG SET NO-01

Capacity Of Stack : 625.0KVA

Quantity Of Fuel Used : 95.0LPH

Type Of Fuel Used : H.S.D

Stack Height Above Ground : 9.0 MTR.

Stack Dia At The Top : 200.0MM

Material Of Construction : M.S.

Attached APCS : ACOUSTIC ROOM

D.G. Set Comm. Date : AFTER 01/04/2014 (> 75 KW TO < 800 KW)

Normal Operating Schedule : AS PER REQUIRMENTS

Ambient Temperature : 14.0°C

Flue Gas Temperature : 230.0°C

Velocity Of Flue Gases : 14.9 MTR./SEC.

Quantity Of Emission Discharged : 1684.29 m³/hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM)	g/kw-hr	0.10	0.2	IS-11255 (Part-1)
2	Carbon Monoxide,(CO)	g/kw-hr	1.15	3.5	IS: 13270
3	Non Methane Hydrocarbon, (NMHC)	mg/Nm ³	47.0	Not Specified	ETS/STP/STACK-07
4	Oxide of Nitrogen (NOx) + Hydro Carbon (HC)	g/kw-hr	1.50	4	IS-11255 (Part-7)

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



FOR ENVIRO-TECH SERVICES

Page 1 of 1

FOR ENVIRO-TECH SERVICES

AUTHORIZED SIGNATOR
MEHUL RAJ
Quality Manager

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

Note:-

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ENVIRO-TECH SERVICES

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(A GOVERNMENT APPROVED LAB)

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

email : etsiab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO.: ETS/1300-3/01/2024

DATE OF REPORT: 25.01.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR KAROL BAGH
NEW DELHI

Date Of Sampling

: 13.01.2024

Analysis Start Date

: 15.01.2024

Analysis End Date

: 19.01.2024

Duration Of Sampling

: 30.0 MIN

Sample ID No.

: 1300-3

Sampling Done By

: ETS STAFF

Sampling Method

: ETS/STP/STACK-01

Stack Attached To

: DG SET NO-02

Capacity Of Stack

: 625.0KVA

Quantity Of Fuel Used

: 95.0LPH

Type Of Fuel Used

: H.S.D

Stack Height Above Ground

: 9.0 MTR.

Stack Dia At The Top

: 200.0MM

Material Of Construction

: M.S.

Attached APCS

: ACOUSTIC ROOM

D.G. Set Comm. Date

: AFTER 01/04/2014 (> 75 KW TO < 800 KW)

Normal Operating Schedule

: AS PER REQUIRMENTS

Ambient Temperature

: 14.0°C

Flue Gas Temperature

: 228.0°C

Velocity Of Flue Gases

: 14.5 MTR./SEC.

Quantity Of Emission Discharged

: 1639.08 m³/hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM)	g/kw-hr	0.09	0.2	IS-11255 (Part-1)
2	Carbon Monoxide,(CO)	g/kw-hr	1.06	3.5	IS: 13270
3	Non Methane Hydrocarbon, (NMHC)	mg/Nm ³	45.0	Not Specified	ETS/STP/STACK-07
4	Oxide of Nitrogen (NOx) + Hydro Carbon (HC)	g/kw-hr	1.33	4	IS-11255 (Part-7)

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



Page 1 of 1

FOR ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
M. K. TOMRAJ
Quality Manager

Format No ETS/LAB/TR-05, 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.
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ETS-LAB

ENVIRO-TECH SERVICES

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



TEST REPORT

TEST REPORT NO.: ETS/1300-4/01/2024

DATE OF REPORT: 25.01.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR KAROL BAGH
NEW DELHI

Date Of Sampling

: 13.01.2024

Analysis Start Date

: 15.01.2024

Analysis End Date

: 19.01.2024

Duration Of Sampling

: 30.0 MIN

Sample ID No.

: 1300-4

Sampling Done By

: ETS STAFF

Sampling Method

: ETS/STP/STACK-01

Stack Attached To

: DG SET NO-03

Capacity Of Stack

: 625.0KVA

Quantity Of Fuel Used

: 95.0LPH

Type Of Fuel Used

: H.S.D

Stack Height Above Ground

: 9.0 MTR.

Stack Dia At The Top

: 200.0MM

Material Of Construction

: M.S.

Attached APCS

: ACOUSTIC ROOM

D.G. Set Comm. Date

: AFTER 01/04/2014 (> 75 KW TO < 800 KW)

Normal Operating Schedule

: AS PER REQUIRMENTS

Ambient Temperature

: 14.0°C

Flue Gas Temperature

: 240.0°C

Velocity Of Flue Gases

: 13.6 MTR./SEC.

Quantity Of Emission Discharged

: 1537.34 m³/hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters, (PM)	g/kw-hr	0.08	0.2	IS-11255 (Part-1)
2	Carbon Monoxide, (CO)	g/kw-hr	0.96	3.5	IS: 13270
3	Non Methane Hydrocarbon, (NMHC)	mg/Nm ³	35.0	Not Specified	ETS/STP/STACK-07
4	Oxide of Nitrogen (NOx) + Hydro Carbon (HC)	g/kw-hr	1.28	4	IS-11255 (Part-7)

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



FOR ENVIRO-TECH SERVICES

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For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
Quality Manager

Format No ETS/LAB/TR-05, 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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6. This test report shall not be used in any advertising media or as evidence in the court of Law without consent.



ETS-LAB

ENVIRO-TECH SERVICES

An Analytical Laboratory

(A GOVERNMENT APPROVED LAB)



ISO 45001

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/1300-5/01/2024

DATE OF REPORT: 25.01.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR KAROL BAGH
NEW DELHI

Date Of Sampling

: 13.01.2024

Analysis Start Date

: 15.01.2024

Analysis End Date

: 19.01.2024

Duration Of Sampling

: 30.0 MIN

Sample ID No.

: 1300-5

Sampling Done By

: ETS STAFF

Sampling Method

: ETS/STP/STACK-01

Stack Attached To

: DG SET NO-01

Capacity Of Stack

: 2000.0 KVA

Quantity Of Fuel Used

: 150.0 LPH

Type Of Fuel Used

: H.S.D

Stack Height Above Ground

: 30.0 MTR.

Stack Dia At The Top

: 400.0 MM

Material Of Construction

: M.S.

Attached APCS

: ACOUSTIC ENCLOSURE

D.G. Set Comm. Date

: AFTER 01/04/2014 (> 800 KW)

Normal Operating Schedule

: AS PER REQUIRMENTS

Ambient Temperature

: 14.0 °C

Flue Gas Temperature

: 280.0 °C

Velocity Of Flue Gases

: 12.7 MTR./SEC.

Quantity Of Emission Discharged

: 5742.43 m³/hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters (PM at 15% O ₂)	mg/Nm ³	52.9	75	IS-11255 (Part-1)
2	Carbon Monoxide (CO at 15% O ₂)	mg/Nm ³	44.7	150	IS: 13270
3	Non Methane Hydro Carbon(NMHC at 15% O ₂)	mg/Nm ³	23.5	100	ETS/STP/STACK-07
4	Oxides of Nitrogen(NOx asNO ₂ at 15% O ₂)	ppmv	470.0	710	IS-11255 (Part-7)

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



FOR ENVIRO-TECH SERVICES

Page 1 of 1

FOR ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
Quality Manager

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

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ENVIRO-TECH SERVICES

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



ETS-LAB



TEST REPORT

TEST REPORT NO.: ETS/1300-6/01/2024

DATE OF REPORT: 25.01.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

: SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR KAROL BAGH
NEW DELHI

Date Of Sampling

: 13.01.2024

Analysis Start Date

: 15.01.2024

Analysis End Date

: 19.01.2024

Duration Of Sampling

: 30.0 MIN

Sample ID No.

: 1300-6

Sampling Done By

: ETS STAFF

Sampling Method

: ETS/STP/STACK-01

Stack Attached To

: DG SET NO-02

Capacity Of Stack

: 2000.0 KVA

Quantity Of Fuel Used

: 150.0 LPH

Type Of Fuel Used

: H.S.D

Stack Height Above Ground

: 30.0 MTR.

Stack Dia At The Top

: 400.0 MM

Material Of Construction

: M.S.

Attached APCS

: ACOUSTIC ENCLOSURE

D.G. Set Comm. Date

: AFTER 01/04/2014 (> 800 KW)

Normal Operating Schedule

: AS PER REQUIRMENTS

Ambient Temperature

: 14.0 °C

Flue Gas Temperature

: 296.0 °C

Velocity Of Flue Gases

: 12.5 MTR./SEC.

Quantity Of Emission Discharged

: 5652.0 m³/hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters (PM at 15% O ₂)	mg/Nm ³	58.3	75	IS-11255 (Part-1)
2	Carbon Monoxide (CO at 15% O ₂)	mg/Nm ³	45.0	150	IS: 13270
3	Non Methane Hydro Carbon(NMHC at 15% O ₂)	mg/Nm ³	22.0	100	ETS/STP/STACK-07
4	Oxides of Nitrogen(NOx asNO ₂ at 15% O ₂)	ppmv	590.0	710	IS-11255 (Part-7)

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



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

TEST REPORT

TEST REPORT NO.: ETS/1300-7/01/2024

DATE OF REPORT: 15.01.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer

SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR KAROL BAGH
NEW DELHI

Date Of Sampling : 13.01.2024
 Analysis Start Date : 15.01.2024
 Analysis End Date : 19.01.2024
 Duration Of Sampling : 30.0 MIN
 Sample ID No. : 1300-7
 Sampling Done By : ETS STAFF
 Sampling Method : ETS/STP/STACK-01
 Stack Attached To : DG SET NO-03
 Capacity Of Stack : 1875.0 KVA
 Quantity Of Fuel Used : 140.0 LPH
 Type Of Fuel Used : H.S.D
 Stack Height Above Ground : 30.0 MTR.
 Stack Dia At The Top : 400.0 MM
 Material Of Construction : M.S.
 Attached APCS : ACOUSTIC ENCLOSURE
 D.G. Set Comm. Date : AFTER 01/04/2014 (> 800 KW)
 Normal Operating Schedule : AS PER REQUIRMENTS
 Ambient Temperature : 14.0 °C
 Flue Gas Temperature : 280.0 °C
 Velocity Of Flue Gases : 13.1 MTR./SEC.
 Quantity Of Emission Discharged : 5923.29 m³/hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters (PM at 15% O ₂)	mg/Nm ³	53.7	75	IS-11255 (Part-1)
2	Carbon Monoxide (CO at 15% O ₂)	mg/Nm ³	45.0	150	IS: 1327
3	Non Methane Hydro Carbon(NMHC at 15% O ₂)	mg/Nm ³	26.0	100	ETS/STP/STACK-07
4	Oxides of Nitrogen(NOx asNO ₂ at 15% O ₂)	ppmv	592.0	710	IS-11255 (Part-7)

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



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TEST REPORT

TEST REPORT NO.: ETS/1300-8/01/2024

DATE OF REPORT: 25.01.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR KAROL BAGH
NEW DELHI

Date Of Sampling : 13.01.2024

Analysis Start Date : 15.01.2024

Analysis End Date : 19.01.2024

Duration Of Sampling : 30.0 MIN

Sample ID No. : 1300-8

Sampling Done By : ETS STAFF

Sampling Method : ETS/STP/STACK-01

Stack Attached To : DG SET NO-04

Capacity Of Stack : 1875.0 KVA

Quantity Of Fuel Used : 140.0 LPH

Type Of Fuel Used : H.S.D

Stack Height Above Ground : 30.0 MTR.

Stack Dia At The Top : 400.0 MM

Material Of Construction : M.S.

Attached APCS : ACOUSTIC ENCLOSURE

D.G. Set Comm. Date : AFTER 01/04/2014 (> 800 KW)

Normal Operating Schedule : AS PER REQUIREMENTS

Ambient Temperature : 14.0 °C

Flue Gas Temperature : 276.0 °C

Velocity Of Flue Gases : 13.3 MTR./SEC.

Quantity Of Emission Discharged : 6013.72 m³/hr

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters (PM at 15% O ₂)	mg/Nm ³	56.1	75	IS-11255 (Part-1)
2	Carbon Monoxide (CO at 15% O ₂)	mg/Nm ³	44.0	150	IS: 13279
3	Non Methane Hydro Carbon(NMHC at 15% O ₂)	mg/Nm ³	30.0	100	ETS/STP/STACK-07
4	Oxides of Nitrogen(NOx asNO ₂ at 15% O ₂)	ppmv	550.0	710	IS-11255 (Part-7)

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



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FOR ENVIRO-TECH SERVICES

AUTHORIZED SIGNATURE
Quality Manager

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Sl. No. 2

06



DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building

Kashmere Gate, Delhi 110006

(Visit us at <https://www.dpccocmms.nic.in>)



LIFE

Lifestyle for Environment

Result No- DPCC/Comm/W/9390 | 1222

Date: 28/08/2024

LAB REPORT

- Name & Address of Unit : M/s. SIR GANGA RAM HOSPITAL
RAJINDER NAGAR, NEW DELHI-110060
Delhi-110060
- Sampling Location : STP Outlet
- Date of sampling : 21/08/2024
- Sample collected by : DPCC Lab
- Control Measure (if any) : STP
- Nature of sample : Grab
- Nature of Industry : Health Care Establishments having bed strength above 50 beds and connected or not connected to Sewer and without boiler
- Parameter analyzed and result

S. No.	Parameters	Outlet of STP	Prescribed Standard
1	pH	7.2	6.5-9.0
2	Total Suspended Solids (TSS)	28	100.0
3	Oil and Grease	1.2	10.0
4	Bio-Chemical Oxygen Demand(BOD)[3 days at 27°C]	16	30.0
5	Bio - assay Test (percent survival of fish after 96 hours in 100 percent effluent)	90	90.0-100.0
6	Chemical Oxygen Demand(COD)	76	250.0

*All parameters are in mg/l except pH

Nandita
Dr Nandita Moitra
I/C Water Laboratory

Dr. Nandita Moitra
Scientist 'D'

Anjali
SSA/Analyst/JLA

ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)

(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)

Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in

+91 9911659800, 9305780312, 09958849764



TEST REPORT

Waste Water Sample Analysis

Report Code: WW-240824-14

Issue Date: 28/08/2024

ISSUED TO: M/s. SIR GANGA RAM HOSPITAL.

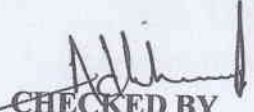
ADDRESS: RAJINDER NAGAR, NEW DELHI-110060.

SAMPLING & ANALYSIS DATA

Sample Received On : 24/08/2024
Sample Drown By : ITS Representative
Sample Description : STP- Inlet
Sample Quantity/Packing detail : 1 lt/Plastic Cane
Weather Conditions : Normal
Analysis Duration : 24/08/2024 to 28/08/2024

TEST RESULTS				
S. No.	Parameter	Test Method	Results	Units
1.	pH	IS:3025(Part-11):1983	9.65	-
2.	Total Suspended Solid	IS:3025(Part-17):1984	155.4	mg/l
3.	Chemical Oxygen demand (as O ₂)	APHA 5220 B:2005	379.0	mg/l
4.	Biological Oxygen demand (as O ₂) (3 days at 27°C)	IS:3025(Part-44):1993	254.0	mg/l
5.	Oil & grease	IS:3025(Part-39):1984	12.19	mg/l

****End of Report****


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AUTHORIZED SIGNATORY

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DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
Kashmere Gate, Delhi 110006
(Visit us at <https://www.dpccomms.nic.in>)



LIFE
Lifestyle for
Environment

Result No- DPCC/Comm/W/9392 | 1225

Date: 28/08/2024

LAB REPORT

1. Name & Address of Unit : M/s.SIR GANGA RAM HOSPITAL
RAJINDER NAGAR, NEW DELHI-110060
Delhi-110060
2. Sampling Location : ETP Outlet
3. Date of sampling : 21/08/2024
4. Sample collected by : DPCC Lab
5. Control Measure (if any) : ETP (Old Building)
6. Nature of sample : Grab
7. Nature of Industry : Health Care Establishments having bed strength above 50 beds and connected or not connected to Sewer and without boiler
8. Parameter analyzed and result

S. No.	Parameters	Outlet of ETP	Prescribed Standard
1	pH	7.1	6.5-9.0
2	Total Suspended Solids (TSS)	26	100.0
3	Oil and Grease	2.0	10.0
4	Chemical Oxygen Demand(COD)	68	250.0
5	Bio - assay Test (percent survival of fish after 96 hours in 100 percent effluent)	90	90.0-100.0
6	Bio-Chemical Oxygen Demand(BOD)[3 days at 27°C]	24	30.0

*All parameters are in mg/l except pH

N. Moitra
Dr Nandita Moitra
I/C Water Laboratory

Dr. Nandita Moitra
Scientist 'D'

Deepanshu
SSA/Analyst/JLA



ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
Website: www.itslab.in, Email: itrlclab@gmail.com, info@itslab.in, contact@itslab.in
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TEST REPORT

Waste Water Sample Analysis

Report Code: WW-240824-13

Issue Date: 28/08/2024

ISSUED TO: M/s. SIR GANGA RAM HOSPITAL.
ADDRESS: RAJINDER NAGAR, NEW DELHI-110060.

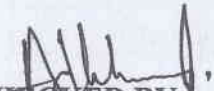
SAMPLING & ANALYSIS DATA

Sample Received On : 24/08/2024
Sample Drown By : ITS Representative
Sample Description : ETP Inlet
Sample Unit : ETP(Old Building)
Sample Quantity/Packing detail : 1 lt/Plastic Cane
Weather Conditions : Normal
Analysis Duration : 24/08/2024 to 28/08/2024

TEST RESULTS

S. No.	Parameter	Test Method	Results	Units
1.	pH	IS:3025(Part-11):1983	8.1	-
2.	Total Suspended Solid	IS:3025(Part-17):1984	129.6	mg/l
3.	Chemical Oxygen demand (as O ₂)	APHA 5220 B:2005	366.0	mg/l
4.	Biological Oxygen demand (as O ₂) (3 days at 27°C)	IS:3025(Part-44):1993	92	mg/l
5.	Oil & grease	IS:3025(Part-39):1984	9.33	mg/l

****End of Report****


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DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
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(Visit us at <https://www.dpcccomms.nic.in>)



06

Result No- DPCC/Comm/W/9391 | 1224

Date: 28/08/2024

LAB REPORT

- Name & Address of Unit : M/s.SIR GANGA RAM HOSPITAL
RAJINDER NAGAR, NEW DELHI-110060
Delhi-110060
- Sampling Location : ETP Outlet
- Date of sampling : 21/08/2024
- Sample collected by : DPCC Lab
- Control Measure (if any) : ETP (SSRB)
- Nature of sample : Grab
- Nature of Industry : Health Care Establishments having bed strength above 50 beds and connected or not connected to Sewer and without boiler
- Parameter analyzed and result.

S. No.	Parameters	Outlet of ETP	Prescribed Standard
1	pH	7.4	6.5-9.0
2	Total Suspended Solids (TSS)	30	100.0
3	Oil and Grease	1.6	10.0
4	Bio-Chemical Oxygen Demand(BOD)[3 days at 27°C]	22	30.0
5	Bio - assay Test (percent survival of fish after 96 hours in 100 percent effluent)	90	90.0-100.0
6	Chemical Oxygen Demand(COD)	88	250.0

*All parameters are in mg/l except pH

Nandita

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SSA/Analyst/JLA



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TEST REPORT

Waste Water Sample Analysis

Report Code: WW-240824-12

Issue Date: 28/08/2024

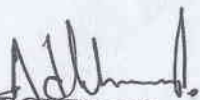
ISSUED TO: M/s. SIR GANGA RAM HOSPITAL.
ADDRESS: RAJINDER NAGAR, NEW DELHI-110060.

SAMPLING & ANALYSIS DATA

Sample Received On : 24/08/2024
Sample Drown By : ITS Representative
Sample Description : ETP Inlet
Sample Unit : (ETP-SSRB)
Sample Quantity/Packing detail : 1 lt/Plastic Cane
Weather Conditions : Normal
Analysis Duration : 24/08/2024 to 28/08/2024

S. No.	Parameter	TEST RESULTS		
		Test Method	Results	Units
1.	pH	IS:3025(Part-11):1983	9.1	-
2.	Total Suspended Solid	IS:3025(Part-17):1984	135	mg/l
3.	Chemical Oxygen demand (as O ₂)	APHA 5220 B:2005	359	mg/l
4.	Biological Oxygen demand (as O ₂) (3 days at 27°C)	IS:3025(Part-44):1993	89	mg/l
5.	Oil & grease	IS:3025(Part-39):1984	9.0	mg/l

End of Report


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Sl. No. / 10

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



33

TEST REPORT

TEST REPORT NO.: ETS/2006/07/2024

DATE OF REPORT: 27.07.2024

SLUDGE SAMPLE ANALYSIS REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
 OLD RAJENDRA NAGAR KAROL BAGH
 NEW DELHI

Date of Sampling : 20.07.2024

Analysis Start Date : 20.07.2024

Analysis End Date : 27.07.2024

Sample ID No : 2006

Sampling Done By : ETS STAFF

Sampling Description : SLUDGE

Sampling Location : S.T.P-SLUDGE

Sampling Method : ETS/STP/WATER-02

Sample Quantity : 1.0 Kg.

Packing Condition : SEALED

Packed In : POLY BAG

S. No.	Test Parameter	Unit	Result	Test Method
1	pH	...	7.45	IS 2720 (Part-26)
2	Colour	Light Green	ETS/STP/SLUDGE
3	Oil Content	mg/kg	0.80	ETS/STP/SLUDGE
4	Moisture Content	%	26.7	IS 4332 (Part-2)
5	Specific Gravity	...	0.54	IS 2720 (Part- 3)
6	Fixed Solids,(FS)	mg/L	10.9	APHA 2540-E
7	Volatile Solids,(VS)	mg/L	30.0	APHA 2540-E
8	Toxicity	Non Toxic	APHA Method

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

ENVIRO-TECH SERVICES
 CHECKED BY
 SHRADDHA GUPTA

For ENVIRO-TECH SERVICES
 AUTHORIZED SIGNATORY
 SHYAM HUMRAJ
 Quality Manager

Format No ETS/LAB/TR-07, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

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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



ISO 45001

TEST REPORT

TEST REPORT NO.: ETS/1764-08/02/2024

DATE OF REPORT: 26.02.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR ,NEAR KAROL BAGH
METRO STATION NEW DELHI-60

Date of Sampling : 17.02.2024
Analysis Start Date : 17.02.2024
Analysis End Date : 26.02.2024
Sample ID No : 1764-08
Sampling Done By : ETS STAFF
Sampling Description : R.O. DRINKING WATER-01
Sampling Location : CASUALTY BLOCK
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 1.0 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
Physical & Chemical Parameters:						
1	Colour	Hazen	< 5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
4	pH	...	7.25	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	98.6	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.02	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	<0.01	1	1.5	APHA 4500:(F)-D
9	Chloride,(Cl)	mg/L	15.2	250	1000	APHA 4500:(Cl)-B
10	Total Hardness,(CaCO3)	mg/L	38.1	200	600	APHA 2340-C
Heavy Metals:						
11	Iron,(Fe)	mg/L	<0.05	1	No Relaxation	APHA-3120B
Microbiological Parameters:						
12	Total Coliform	Per 100mL	Absent	Shall Not Be Detectable		IS 15185
13	Escherichia coli	Per 100mL	Absent	Shall Not Be Detectable		IS 15185

Remark-Above tested water parameters are fit for drinking purpose

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



Page 1 of 1

FOR ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
MD. HUMRAJ
Quality Manager

Note:-

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TEST REPORT

TEST REPORT NO.: ETS-1764-09/02/2024

DATE OF REPORT: 26.02.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR, NEAR KAROL BAGH
METRO STATION NEW DELHI-60

Date of Sampling : 17.02.2024
Analysis Start Date : 17.02.2024
Analysis End Date : 26.02.2024
Sample ID No : 1764-09
Sampling Done By : ETS STAFF
Sampling Description : R.O. DRINKING WATER-02
Sampling Location : C D BLOCK
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 1.0 Ltr.
Packing Condition : SEALED
Packed In : GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS 10500: 2012)		Test Method
Physical & Chemical Parameters:						
1	Colour	Hazen	< 5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
4	pH	...	7.22	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	95.3	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.02	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	<0.01	1	1.5	APHA 4500:(F)-D
9	Chloride,(Cl)	mg/L	14.6	250	1000	APHA 4500:(Cl)-B
10	Total Hardness,(CaCO ₃)	mg/L	39.3	200	600	APHA 2340-C
Heavy Metals:						
11	Iron,(Fe)	mg/L	<0.05	1	No Relaxation	APHA-3120B
Microbiological Parameters:						
12	Total Coliform	Per 100mL	Absent	Shall Not Be Detectable		IS 15185
13	Escherichia coli	Per 100mL	Absent	Shall Not Be Detectable		IS 15185

Remark-Above tested water parameters are fit for drinking purpose

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



Page 1 of 1

For ENVIRO-TECH SERVICES

MO. HUMRAJ
AUTHORIZED SIGNATORY
Quality Manager

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TEST REPORT

TEST REPORT NO.: ETS-1764-10/02/2024

DATE OF REPORT: 26.02.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR ,NEAR KAROL BAGH
METRO STATION NEW DELHI-60

Date of Sampling : 17.02.2024
Analysis Start Date : 17.02.2024
Analysis End Date : 26.02.2024
Sample ID No : 1764-10
Sampling Done By : ETS STAFF
Sampling Description : R.O. DRINKING WATER-03
Sampling Location : C D BLOCK
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 1.0 Ltr.
Packing Condition : SEALED
Packed In : GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS 10500: 2012)		Test Method
Physical & Chemical Parameters:						
1	Colour	Hazen	< 5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
4	pH	...	7.26	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	87.8	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.02	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	<0.01	1	1.5	APHA 4500:(F)-D
9	Chloride,(Cl)	mg/L	15.2	250	1000	APHA 4500:(Cl)-B
10	Total Hardness,(CaCO3)	mg/L	40.1	200	600	APHA 2340-C
Heavy Metals:						
11	Iron,(Fe)	mg/L	<0.05	1	No Relaxation	APHA-3120B
Microbiological Parameters:						
12	Total Coliform	Per 100mL	Absent	Shall Not Be Detectable		IS 15185
13	Escherichia coli	Per 100mL	Absent	Shall Not Be Detectable		IS 15185

Remark-Above tested water parameters are fit for drinking purpose

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



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For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
Quality Manager

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TEST REPORT

TEST REPORT NO.: ETSI-1764-11/02/2024

DATE OF REPORT: 26.02.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR ,NEAR KAROL BAGH
METRO STATION NEW DELHI-60

Date of Sampling : 17.02.2024
Analysis Start Date : 17.02.2024
Analysis End Date : 26.02.2024
Sample ID No : 1764-11
Sampling Done By : ETS STAFF
Sampling Description : R.O. DRINKING WATER-04
Sampling Location : B BLOCK
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 1.0 Ltr.
Packing Condition : SEALED
Packed In : GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS 10500: 2012)		Test Method
Physical & Chemical Parameters:						
1	Colour	Hazen	< 5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
4	pH	...	7.23	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	94.0	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.02	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	<0.01	1	1.5	APHA 4500:(F)-D
9	Chloride,(Cl)	mg/L	20.2	250	1000	APHA 4500:(Cl)-B
10	Total Hardness,(CaCO3)	mg/L	40.7	200	600	APHA 2340-C
Heavy Metals:						
11	Iron,(Fe)	mg/L	<0.05	1	No Relaxation	APHA-3120B
Microbiological Parameters:						
12	Total Coliform	Per 100mL	Absent	Shall Not Be Detectable		IS 15185
13	Escherichia coli	Per 100mL	Absent	Shall Not Be Detectable		IS 15185

Remark-Above tested water parameters are fit for drinking purpose

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



Page 1 of 1

For ENVIRO-TECH SERVICES

IND HUMRAJ
AUTHORIZED SIGNATORY
Quality Manager

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TEST REPORT

TEST REPORT NO.: ETS/-1764-12/02/2024

DATE OF REPORT: 26.02.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR ,NEAR KAROL BAGH
METRO STATION NEW DELHI-60

Date of Sampling : 17.02.2024
Analysis Start Date : 17.02.2024
Analysis End Date : 26.02.2024
Sample ID No : 1764-12
Sampling Done By : ETS STAFF
Sampling Description : R.O. DRINKING WATER-05
Sampling Location : B BLOCK
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 1.0 Ltr.
Packing Condition : SEALED
Packed In : GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS 10500: 2012)		Test Method
Physical & Chemical Parameters:						
1	Colour	Hazen	< 5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
4	pH	...	7.28	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	91.7	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.02	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	<0.01	1	1.5	APHA 4500:(F)-D
9	Chloride,(Cl)	mg/L	14.2	250	1000	APHA 4500:(Cl) -B
10	Total Hardness,(CaCO3)	mg/L	42.1	200	600	APHA 2340-C
Heavy Metals:						
11	Iron,(Fe)	mg/L	<0.05	1	No Relaxation	APHA-3120B
Microbiological Parameters:						
12	Total Coliform	Per 100mL	Absent	Shall Not Be Detectable		IS 15185
13	Escherichia coli	Per 100mL	Absent	Shall Not Be Detectable		IS 15185

Remark-Above tested water parameters are fit for drinking purpose

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



Page 1 of 1

For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
Quality Manager

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TEST REPORT

TEST REPORT NO.: ETS/1764-13/02/2024

DATE OF REPORT: 26.02.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR ,NEAR KAROL BAGH
METRO STATION NEW DELHI-60

Date of Sampling : 17.02.2024
Analysis Start Date : 17.02.2024
Analysis End Date : 26.02.2024
Sample ID No : 1764-13
Sampling Done By : ETS STAFF
Sampling Description : R.O. DRINKING WATER-06
Sampling Location : SPECIAL WARD BLOCK
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 1.0 Ltr.
Packing Condition : SEALED
Packed in : GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS 10500: 2012)		Test Method
Physical & Chemical Parameters:						
1	Colour	Hazen	< 5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
4	pH	...	7.27	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	86.5	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.02	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	<0.01	1	1.5	APHA 4500:(F)-D
9	Chloride,(Cl)	mg/L	15.3	250	1000	APHA 4500:(Cl) -B
10	Total Hardness,(CaCO ₃)	mg/L	38.5	200	600	APHA 2340-C
Heavy Metals:						
11	Iron,(Fe)	mg/L	<0.05	1	No Relaxation	APHA-3120B
Microbiological Parameters:						
12	Total Coliform	Per 100mL	Absent	Shall Not Be Detectable		IS 15185
13	Escherichia coli	Per 100mL	Absent	Shall Not Be Detectable		IS 15185

Remark-Above tested water parameters are fit for drinking purpose

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



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TEST REPORT

TEST REPORT NO.: ETS-1764-14/02/2024

DATE OF REPORT: 26.02.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR, NEAR KAROL BAGH
METRO STATION NEW DELHI-60

Date of Sampling : 17.02.2024
Analysis Start Date : 17.02.2024
Analysis End Date : 26.02.2024
Sample ID No : 1764-14
Sampling Done By : ETS STAFF
Sampling Description : R.O. DRINKING WATER-07
Sampling Location : SPECIAL WARD BLOCK
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 1.0 Ltr.
Packing Condition : SEALED
Packed In : GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS 10500: 2012)		Test Method
Physical & Chemical Parameters:						
1	Colour	Hazen	< 5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
4	pH	...	7.24	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	91.2	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.02	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	<0.01	1	1.5	APHA 4500:(F)-D
9	Chloride,(Cl)	mg/L	18.8	250	1000	APHA 4500:(Cl)-B
10	Total Hardness,(CaCO3)	mg/L	36.9	200	600	APHA 2340-C
Heavy Metals:						
11	Iron,(Fe)	mg/L	<0.05	1	No Relaxation	APHA-3120B
Microbiological Parameters:						
12	Total Coliform	Per 100mL	Absent	Shall Not Be Detectable		IS 15185
13	Escherichia coli	Per 100mL	Absent	Shall Not Be Detectable		IS 15185

Remark-Above tested water parameters are fit for drinking purpose

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



For ENVIRO-TECH SERVICES

HUMRAJ
AUTHORIZED SIGNATORY

Note:-

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ENVIRO-TECH SERVICES

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ETS-LAB

TEST REPORT

TEST REPORT NO.: ETS/1764-15/02/2024

DATE OF REPORT: 26.02.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer

: SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR, NEAR KAROL BAGH
METRO STATION NEW DELHI-60

Date of Sampling

: 17.02.2024

Analysis Start Date

: 17.02.2024

Analysis End Date

: 26.02.2024

Sample ID No

: 1764-15

Sampling Done By

: ETS STAFF

Sampling Description

: R.O. DRINKING WATER-08

Sampling Location

: S S R B

Sampling Method

: ETS/STP/WATER-02

Sample Quantity

: 1.0 Ltr.

Packing Condition

: SEALED

Packed In

: GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS 10500: 2012)		Test Method
Physical & Chemical Parameters:						
1	Colour	Hazen	< 5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
4	pH	...	7.29	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids, (TDS)	mg/L	99.9	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.02	0.2	1	APHA 4500:(Cl)-B
8	Fluoride, (F)	mg/L	<0.01	1	1.5	APHA 4500:(F)-D
9	Chloride, (Cl)	mg/L	19.7	250	1000	APHA 4500:(Cl)-B
10	Total Hardness, (CaCO ₃)	mg/L	38.3	200	600	APHA 2340-C
Heavy Metals:						
11	Iron, (Fe)	mg/L	<0.05	1	No Relaxation	APHA-3120B
Microbiological Parameters:						
12	Total Coliform	Per 100mL	Absent	Shall Not Be Detectable		IS 15185
13	Escherichia coli	Per 100mL	Absent	Shall Not Be Detectable		IS 15185

Remark-Above tested water parameters are fit for drinking purpose

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



CHECKED BY

FOR ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
Quality Manager

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ENVIRO-TECH SERVICES

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TEST REPORT

TEST REPORT NO.: ETS/1764-16/02/2024

DATE OF REPORT: 26.02.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SIR GANGARAM HOSPITAL
OLD RAJENDRA NAGAR ,NEAR KAROL BAGH
METRO STATION NEW DELHI-60

Date of Sampling : 17.02.2024
Analysis Start Date : 17.02.2024
Analysis End Date : 26.02.2024
Sample ID No : 1764-16
Sampling Done By : ETS STAFF
Sampling Description : R.O. DRINKING WATER-09
Sampling Location : S S R B
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 1.0 Ltr.
Packing Condition : SEALED
Packed In : GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS 10500: 2012)		Test Method
Physical & Chemical Parameters:						
1	Colour	Hazen	< 5.0	5	15	APHA 2120-B
2	Odour	...	Agreeable	Agreeable	Agreeable	APHA 2150-B
3	Taste	...	Agreeable	Agreeable	Agreeable	APHA 2160-C
4	pH	...	7.2	6.5 - 8.5	No Relaxation	APHA 4500-H+
5	Turbidity	NTU	<1.0	1	5	APHA 2130-B
6	Total Dissolved Solids,(TDS)	mg/L	95.0	500	2000	APHA 2540-C
7	Chlorine (Residual)	mg/L	<0.02	0.2	1	APHA 4500:(Cl)-B
8	Fluoride,(F)	mg/L	<0.01	1	1.5	APHA 4500:(F)-D
9	Chloride,(Cl)	mg/L	16.6	250	1000	APHA 4500:(Cl)-B
10	Total Hardness,(CaCO ₃)	mg/L	36.4	200	600	APHA 2340-C
Heavy Metals:						
11	Iron,(Fe)	mg/L	<0.05	1	No Relaxation	APHA-3120B
Microbiological Parameters:						
12	Total Coliform	Per 100mL	Absent	Shall Not Be Detectable		IS 15185
13	Escherichia coli	Per 100mL	Absent	Shall Not Be Detectable		IS 15185

Remark-Above tested water parameters are fit for drinking purpose

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



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FOR ENVIRO-TECH SERVICES

ML HUMRAJ
AUTHORIZED SIGNATOR

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MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Analyzing for an Assured Future



TC-6814

TEST CERTIFICATE

Issued To: M/s. SIR GANGA RAM HOSPITAL.

Address: Rajinder Nagar, New Delhi-110060.

Report Code : WW-230224-03
 ULR No. : TC6814240000066CF
 Test Report of : Waste Water
 Service Request No : NTL/SRF/02/23-062
 Service Request Date : 22/02/2024
 Report Issue Date : 27/02/2024

SAMPLING & ANALYSIS DATA

Sample Drawn On : 23/02/2024
 Sample Drawn By : NTL Representative
 Sample Description : UF-Inlet
 Sample Received On : 23/02/2024
 Sample Quantity/Packing detail : 2.0 Litre+1.0Liter /Plastic + Glass Bottle
 Analysis Duration : 23/02/2024 to 27/02/2024

TEST RESULTS

S. No.	Parameter	Test Method	Results	Units
1.	pH	IS:3025(Part-11):1983	7.62	-
2.	Total Suspended Solid	IS:3025(Part-17):1984	26.0	mg/l
3.	Chemical Oxygen Demand (as O ₂)	APHA 5220 B:2005	57.0	mg/l
4.	Biological Oxygen Demand (as O ₂) (3 days at 27 ^o C)	IS:3025(Part-44):1993	14.1	mg/l
5.	Oil & grease	IS:3025(Part-39):1984	1.59	mg/l
6.	Alkalinity (as CaCO ₃)	IS: 3025 (Part- 23)	204.0	mg/l
7.	Turbidity	IS:3025(Part-10)	7.0	NTU
8.	Silt Density Index (SDI) 14	APHA 23 rd Edition	8.0	---

BDL- Below Detection Limit, DL-Detection Limit **End of Report**

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

Anjali
CHECKED BY

AUTHORIZED SIGNATORY
 (Ajay Singh Adhikari)

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NOIDA TESTING LABORATORIES

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TC-6814

Analyzing for an Assured Future

TEST CERTIFICATE

8

Issued To: M/s. SIR GANGA RAM HOSPITAL.

Address: Rajinder Nagar, New Delhi-110060.

Report Code : WW-230224-04
ULR No. : TC681424000000661F
Test Report of : Waste Water
Service Request No : NTL/SRF/02/23-062
Service Request Date : 22/02/2024
Report Issue Date : 27/02/2024

SAMPLING & ANALYSIS DATA

Sample Drawn On : 23/02/2024
Sample Drawn By : NTL Representative
Sample Description : UF-Outlet
Sample Received On : 23/02/2024
Sample Quantity/Packing detail : 2.0 Litre+1.0Litre /Plastic + Glass Bottle
Analysis Duration : 23/02/2024 to 27/02/2024

TEST RESULTS

S. No.	Parameter	Test Method	Results	Units
1.	pH	IS:3025(Part-11):1983	7.30	-
2.	Total Suspended Solid	IS:3025(Part-17):1984	13.5	mg/l
3.	Chemical Oxygen Demand (as O ₂)	APHA 5220 B:2005	28.0	mg/l
4.	Biological Oxygen Demand (as O ₂) (3 days at 27°C)	IS:3025(Part-44):1993	4.2	mg/l
5.	Oil & grease	IS:3025(Part-39):1984	BDL(<1.0)	mg/l
6.	Alkalinity (as CaCO ₃)	IS: 3025 (Part- 23)	198.0	mg/l
7.	Turbidity	IS:3025(Part-10)	3.0	NTU
8.	Silt Density Index (SDI)-15	APHA 23 rd Edition	4.0	---

BDL- Below Detection Limit, DL-Detection Limit **End of Report**

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
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Anjali
CHECKED BY

AUTHORIZED SIGNATORY
(Ajay Singh Adhikari)



129

85

ADEQUACY REPORT
OF
SEWAGE TREATMENT PLANT
FOR

M/s SIR GANGA RAM HOSPITAL
OLD RAJINDER NAGAR,
NEW DELHI -110060

PREPARED BY:



UNIVERSITY SCHOOL OF ENVIRONMENT MANAGEMENT
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
KASHMERE GATE, DELHI-110006

Ph No. 011-23900274/71

(FEBRUARY 2011)

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GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

University School of Environment Management
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY
Kashmere Gate, Delhi-110403, Phone: 23900271/73/74, Fax:23865941-42

Ref. No.: IPU/USEM/CONS/2010-2011/AR-698

Dated: 20th February 2011

To,

M/s. Sir Ganga Ram Hospital
Old Rajinder Nagar
New Delhi-110060

Subject: ADEQUACY ASSESSMENT REPORT OF SEWAGE TREATMENT PLANT
(STP)

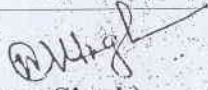
Dear Sir,


With reference to on-going study to assess the adequacy of installed STP in your Health Care Centre (Hospital) for the treatment of the wastewater generated in the hospital from different sources, our team has already made preliminary assessment of your plant on 02nd January 2011. Based on which, please find enclosed a brief report of the said assessment. We would like to state that the STP is technically adequate to treat 1000 KLD Sewage generated. You are advised to maintain the daily record of the flow conditions. You are also advised to manage the sludge as per applicable rules.

In case of any clarification, please revert back within one month from the date of issue of this report.

Thanking You,

Yours Faithfully,


(Raj Kishore Singh)
Technical Assistant


Prof. Amarjeet Kaur
Consultancy Incharge

Prepared by University School of Environment Management, GGSIP University, Kashmere Gate, Delhi

1. INTRODUCTION:

M/s Sir Ganga Ram Hospital, Old Rajinder Nagar, New Delhi-110060, approached the University School of Environment Management (USEM), Guru Gobind Singh Indraprastha University, Delhi for carrying out the Efficacy & Efficiency Assessment of their Sewage Treatment Plant (STP) installed at their hospital premises. The Technical Assessment for adequacy of the STP was carried out on 02nd January 2011. The adequacy assessment included quantification of wastewater, preparation of STP layout, and dimensioning of different components of STP. Based on the observation, assessment, an adequacy assessment report is prepared.

2. SOURCES AND QUANTITY OF WASTEWATER:

M/s Sir Ganga Ram Hospital has installed an Sewage Treatment Plant of 1000 KLD capacity at their health care centre at Old Rajinder Nagar, for the treatment of domestic waste and wastewater/sewage generated from various section of the hospital. The main sources of wastewater generation were identified as operation theater, Path. Lab., Kitchen etc. As per the information provided by your representative Mr Rajesh Gaur, total wastewater/Sewage generated from various section of the hospital is estimated to be about 500 KLD. At present the treated water is used for horticulture and in flushing. The STP is designed for 1000 KLD by considering load for upcoming building in phases under New Master Plan of the hospital wherein the management is proposing to double the existing area with a bed strength of around 1000 which is likely to be completed in 4-5 years time.

The main pollutants identified in the wastewater discharge are BOD and suspended solids.

3. TREATMENT PROCESS:

The Health Care Centre has installed a Sewage Treatment Plant for the total Sewage streams mentioned above. The Sewage Treatment Plant has been designed and installed on the basis of combined primary, secondary and tertiary

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treatment system. The secondary and tertiary treatment sections have been designed on the basis of biological treatment process of organic matters operated on a continuous mode.

4 TREATMENT SCHEME

➤ **Bar Screen:** Raw sewage from the source is received into the bar screen chamber by gravity. Screen provided will remove all floating and big size matter such as plastics, polythene bags, glasses, stones etc; which may otherwise choke the pipeline and pumps.

➤

➤ **Collection-cum-Equalization Tank:** Usually, sewage generation is more during morning hours and evening hours. Visually no sewage is generated during night hours. Any biological system needs constant feed for bacteria to work efficiently. Hence, it is important to put an equalization tank to collect the excess flow during peak hours and feed sewage in lean hours. The tank provided is of civil construction. Provision of air grid is made for thoroughly mixing of sewage to make it of homogenous quality and to keep the suspended matter in suspension and to avoid septic condition.

➤ **Transfer of Sewage:** The sewage transfer pump of discharge rate 65 KL/hr at 8-10 m head is provided. The operation of the pump is controlled through level sensor. The sewage is transferred to MBBR tank.

➤ **MBBR Tank:** MBBR tank is provided for the growth of the bacteria to degrade the organic matters present in the sewage to reduce the BOD load. In MBBR tank biotech media in the form of rectangular blocks in multiple layers are provided to provide maximum surface area for the growth of the microbes. The media is of corrugated type and facilitates cross flow for better air distribution. Aerobic conditions are maintained by fine bubble air diffusion. The tank is

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designed to provide sufficient time for its retention to provide optimal contact period for microbial activity to degrade the organic loads present in the sewage to effectively degrade the organic matters by the microbes. For the removal of the sludge generated in the MBBR tank, a secondary clarifier is provided where the water from the MBBR tank is drawn to clarifier and the sludge is allowed here to settle.

➤ **Clarifier Tank:** This unit is provided to remove the settleable solids formed in MBBR tank. The unit is provided with a hopper bottom type clarifier in which the mixed liquor from the MBBR tank overflows. The sludge settles down and is continuously removed through sludge lifting pump. The clear water overflows into the chlorine contact/filter feed tank.

➤ **Sludge Tank:** The sludge from the bottom of the clarifier is transferred to the sludge holding tank. From here it is pumped to sludge filter press for dewatering. The filtrate from here is again sent back to the collection tank for its further treatment. The semi dried sludge is then kept for solar drying. After solar drying sludge is collected and stored separately for its further disposal/use as per applicable guidelines.

➤ **Filter Feed Tank:** In filter feed tank, chlorination is done by dosing Sodium Hypochlorite solution 8-10% concentration for the dis-infection of biologically treated sewage. The dis-infected treated sewage is then lifted and fed to filtration unit. Filtration unit consist of Dual Media filter followed by activated Carbon filter for removal of residual suspended particles.

➤ **Treated Water Collection Tank:** The treated water tank is of civil construction. The treated water from MGF and ACF is collected in this tank. From here water is used for horticulture purposes and for flushing.

Signature
Date: 26/11/11

5. TREATMENT PLANT PROCESS UNITS

The Sewage treatment plant has been designed on the basis of continuous flow operation for the treatment of the sewage water. The sewage treatment plant consists of the following units:

I. Process Units

1. Screen Chamber
2. Collection cum Equalization Tank
3. MBBR Tank
4. Hopper Bottom Clarifier
5. Filter Feed Tank
6. Sludge Holding Tank
7. Treated Sewage Water Storage Tank
8. Pressure Dual Media Filter
9. Activated carbon Filter
10. Sludge Filter Unit (Filter Press)
11. Softener
12. Soft Water Tank

II. Mechanical Ancillary Units:

1. Raw Sewage Transfer Pump
2. Air Blower
3. Aeration Grid
4. Fine Bubble Diffusers
5. Bio Deck Media
6. Sludge Recirculation Pumps
7. Softener Feed Pumps
8. Filter Feed Pumps
9. Irrigation Pumps

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6.1 CIVIL SPECIFICATIONS OF EQUIPMENTS

6.1.1. Bar Screen

Number	:	1
Size	:	475mm x 600mm
MOC	:	SS

6.1.2. Collection cum Equalization Tank

Number	:	One
Area provided	:	50.40 M ²
Liquid Depth	:	2.80 M
Free Board	:	0.20 M
Capacity	:	141.12 M ³
Retention Time	:	3.38 hours (for 1000 KLD sewerage)
MOC	:	RCC

6.1.3. MBBR Tank

Number	:	One
Size	:	12.20m x 9.00m x 3.00m
Free Board	:	0.50m
Capacity	:	329.40 KL
Retention Time	:	7.90 hour
MOC	:	RCC

6.1.4. Hopper Bottom Clarifier

Number	:	One
Size	:	7.00m x 7.00m x 5.07m
Hopper Depth	:	1.00m
Free Board	:	0.50m
Surface Area Provided:	:	49 M ²
Effective Capacity	:	196.00 M ³ excluding hopper depth

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20/1/17

Retention Time : 4.70 hours
MOC : RCC

6.1.5. Filter Feed Tank

Number : One
Surface area : 50 M²
Liquid depth : 1.70m
Free Board : 0.30m
Capacity : 85.00 KL
Retention Time : 2.04 hours
MOC : RCC

6.1.6. Sludge Holding Tank

Number : One
Size : 2.00m x 2.40m x 1.70m
Free Board : 0.30m
Capacity : 8.16 KL
MOC : RCC

6.1.7. Treated Sewage Storage Tank

Number : One
Size : 12.00m x 6.00m x 2.00m
Total Volume : 144 M³
Free Board : 0.30m
MOC : RCC

6.1.8 Pressure Dual Media Filter

Number : Two
Size : Dia-2.40m x height-1.80m
Filter media : Graded Sand

6.1.9. Activated Carbon Filter

Number : Two
Size : Dia-2.10m x height-1.80m
Filter media : Activated carbon

6.2. MECHANICAL SPECIFICATION OF EQUIPMENTS

6.2.1. Raw Sewage Transfer Pumps:

Numbers : 2 (1 W + 1 SB)

a. Submersible open impeller, non-clogging centrifugal pump.

Capacity : 65.0m³/hr

Head : 8-10m wc

b. Material of construction: Cast Iron

c. Make : Grundfos

d. Working : Working on auto mode based on liquid level in tank

6.2.2. Air Blower

Numbers : 2 (1W + 1 SB)

Type : Root Blower

Air Flow : 806m³/hr

Head : 5 m

MOC : CI Body

6.2.3 Aeration Grid in Equalization Tank/Sludge Holding Tank

Type : Coarse Bubble Grid

Size of grid pipe : 63 mm

MOC : PVC

Pattern of Hole : 5 mm Zigzag

6.2.4 Fine Bubble Diffusers

Location : MBBR Reactor

Type : Fine

Prepared by: University School of Environment Management, GGS Indraprastha University, Delhi

Size : 90mm OD x 1000mm long
MOC (Membrane) : EPDM

6.2.5 Sludge Pump

Number : 2 (1W + 1S)
Flow : 2.0 m³/hr
Head : 40m WC

6.2.6 Filter Feed Pump

Number : 2(1W + 1S)
Flow : 65 m³/hr
Head : 25-30m WC

6.2.7. Filter Press

Number of plates : 17
Size of plates : 0.45m x 0.45m x 2" cake thickness

6.2.8. Other Electrical components:

These are used of standard company make of adequate capacity as per the requirement. As the STP is designed for its 24 hrs continuous operation, each electrical component is used with additional stand by unit to operate on alternate basis.

7. SLUDGE HANDLING

Sludge collected from the centrifuge should be sun dried and collected in the bags sealed and disposed off as per applicable guidelines.

7 PERFORMANCE OF SEWAGE TREATMENT PLANT

STP was operated in the presence of experts from University School of Environment Management. The team studied the various processes adopted by the hospital and raw materials and chemicals used by the hospital. No by-pass

Signature: [Handwritten Signature] 25/7/11

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arrangement was found in this unit through which untreated waste could be directly discharged outside the premises of the hospital at the time of inspection. Composite samples of influent and Sewage from treatment plant were collected. The relevant parameters of both samples were tested in the laboratory of University School of Environment Management and given in table-1.

Table-1

S.No	Parameters	Untreated Sample	Treated Sample	Union Territory standards	Remarks
1.	pH	6.80	7.30	5.5-9.0	Within limits
2.	Total Suspended Solids	206.00 mg/l	39.00 mg/l	≤ 100	Within limits
3.	Oil & Grease	12.60 mg/l	4.80 mg/l	≤ 10	Within limits
4.	BOD ₃ (27°C)	190.00 mg/l	22.00 mg/l	≤ 30	Within limits
5.	COD	360.36 mg/l	98.40 mg/l	≤ 250	Within limits
6.	Total Dissolved Solids	2945.00 mg/l	1121.00 mg/l	≤ 1500	Within limits
7.	Detergent	5.75 mg/l	0.75 mg/l	≤ 5	Within limits
8.	Bioassay	---	90% survival of fish after 96 Hrs.	90% survival of fish after 96 hours	Within limits

¹The adequacy report has been prepared considering these limits; however it must be confirmed with DPCC as for different specific Industries and Unit DPCC may specify more stringent standards

8. CONCLUSION

It is obvious from the adequacy assessment described above, the STP seems adequate as well as efficient to treat 1000 KLD Sewage (for 24 hours operation /day) to meet the stipulated Union Territory standards. The unit is also advised to handle and manage the sludge as per applicable rules.

(Raj Kishore Singh)
Technical Assistant

(Prof. Amarjeet Kaur)
Consultancy Incharge

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Size : 90mm OD x 1000mm long
MOC (Membrane) : EPDM

6.2.5 Sludge Pump

Number : 2 (1W + 1S)
Flow : 2.0 m³/hr
Head : 40m WC

6.2.6 Filter Feed Pump

Number : 2(1W + 1S)
Flow : 65 m³/hr
Head : 25-30m WC

6.2.7. Filter Press

Number of plates : 17
Size of plates : 0.45m x 0.45m x 2" cake thickness

6.2.8. Other Electrical components:

These are used of standard company make of adequate capacity as per the requirement. As the STP is designed for its 24 hrs continuous operation, each electrical component is used with additional stand by unit to operate on alternate basis.

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Signature
25/11

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5.	COD	360.36 mg/L	98.40 mg/L	≤ 250	Within limits
6.	Total Dissolved Solids	2945.00 mg/L	1121.00 mg/L	≤ 1500	Within limits
7.	Detergent	5.75 mg/L	0.75 mg/L	≤ 5	Within limits
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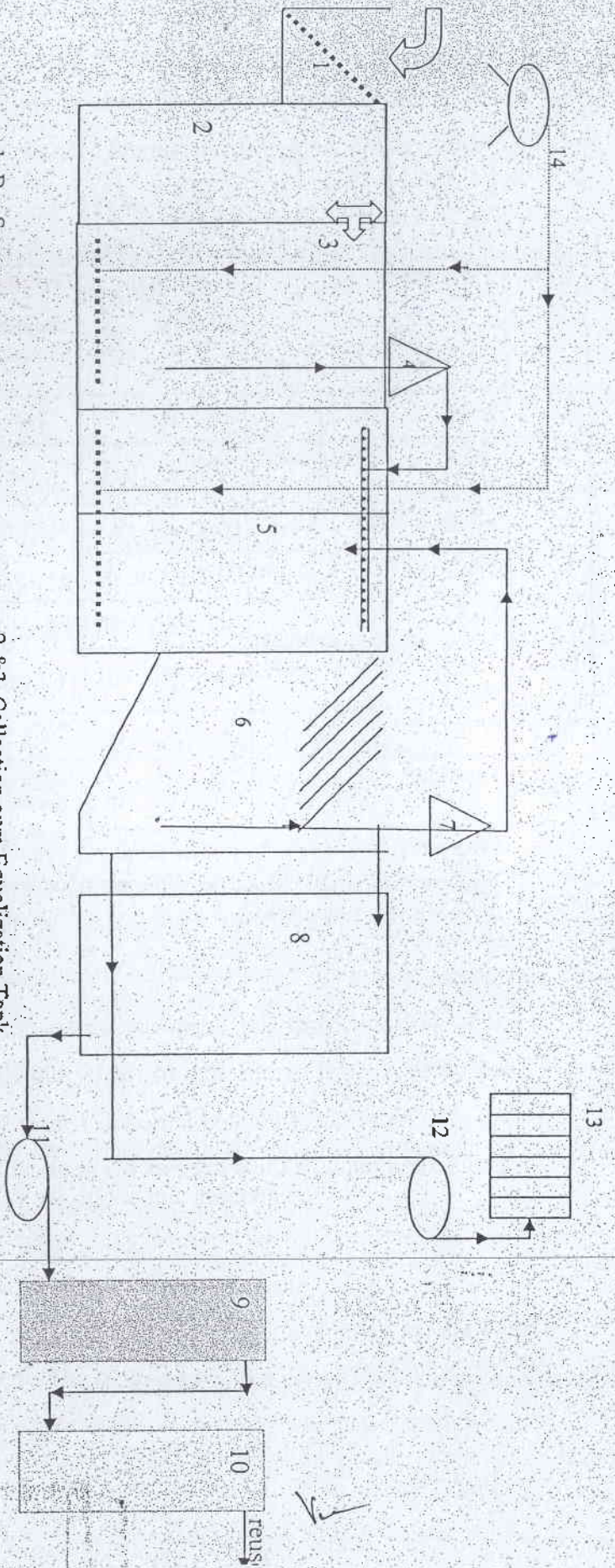
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(Raj Kishore Singh)
Technical Assistant

(Prof. Amarjeet Kaur)
Consultancy Incharge

LAYOUT PLAN OF SEWAGE TREATMENT PLANT




- 1. Bar Screen
- 2 & 3. Collection cum Equalization Tank
- 4. Effluent Transfer Pump
- 5. MBBR Tank
- 6. Tube Scrapper
- 7. Sludge recycling Pump
- 8. Filter Feed Tank
- 9. Dual Media Filter
- 10. Activated carbon Filter
- 11. Filter Feed Pump
- 12. Sludge Feed Pump
- 13. Filter Press
- 14. Air Blower

Environmental Management
 Anna University
 Chennai
 11/10/2020
 @Uthayashankar

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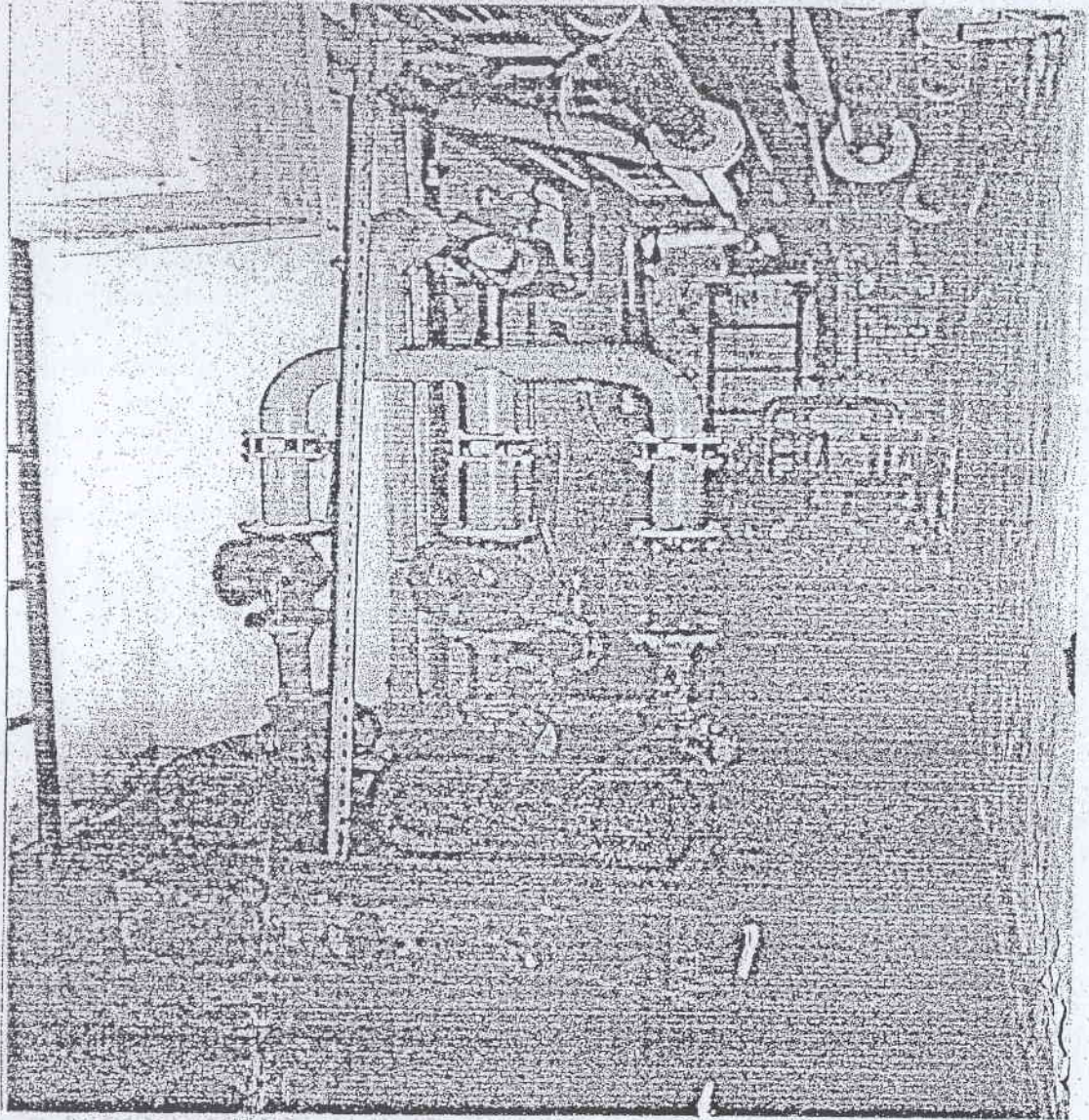
SUMMARY OF TECHNICAL ASSESSMENT FOR SEWAGE TREATMENT PLANT (STP)

Name of Unit	:	M/s Sir Ganga Ram Hospital
Location of Unit	:	Old Rajinder Nagar , New Delhi-110060
Nature of Job	:	Health Care Centre (Hospital)
Rate of Sewage generation	:	1000 KLD
Rate of Sewage Discharged	:	100% reused in horticulture and for flushing
Location of Sewage discharge	:	Reused
Whether unit has installed STP & type of treatment	:	Yes, Biological, continuous treatment
Components of STP	:	Consists of Equalization Tank, MBBR Reactor, Pumps, Clear water/ Filter Feed tank, Pressure Sand filters, Activated carbon filter, Filter Press etc.
Whether Inlet & Outlet Sewages have been characterized	:	Yes Report No. IPU/USEM/CONS/2010-11/TR-699
Whether any by pass arrangement Provided	:	No
Mode of storage of sludge waste	:	Unit is advised to manage the sludge as per applicable rule
Any modification Suggested while assessing the STP	:	No
Whether design aspects have been Considered while assessing the STP.	:	Yes
Whether installed STP are found Adequate	:	Yes, adequate if operated properly.


(Raj Kishore Singh)
Technical Assistant


(Prof. Amarjeet Kaur)
Consultancy Incharge

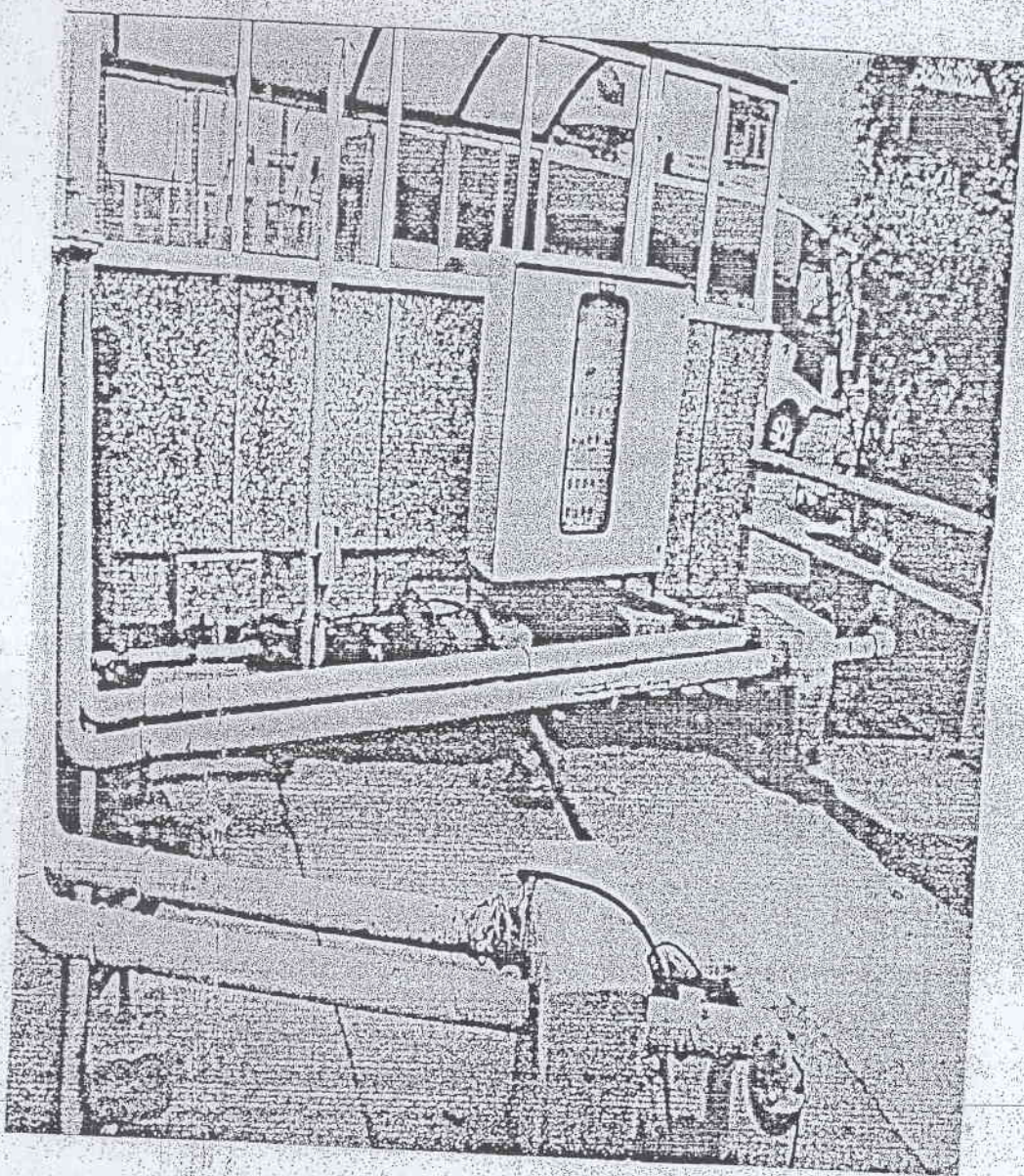
PHOTOGRAPHS OF SEWAGE TREATMENT PLANT INSTALLED AT M/s SIR GANGA RAM HOSPITAL



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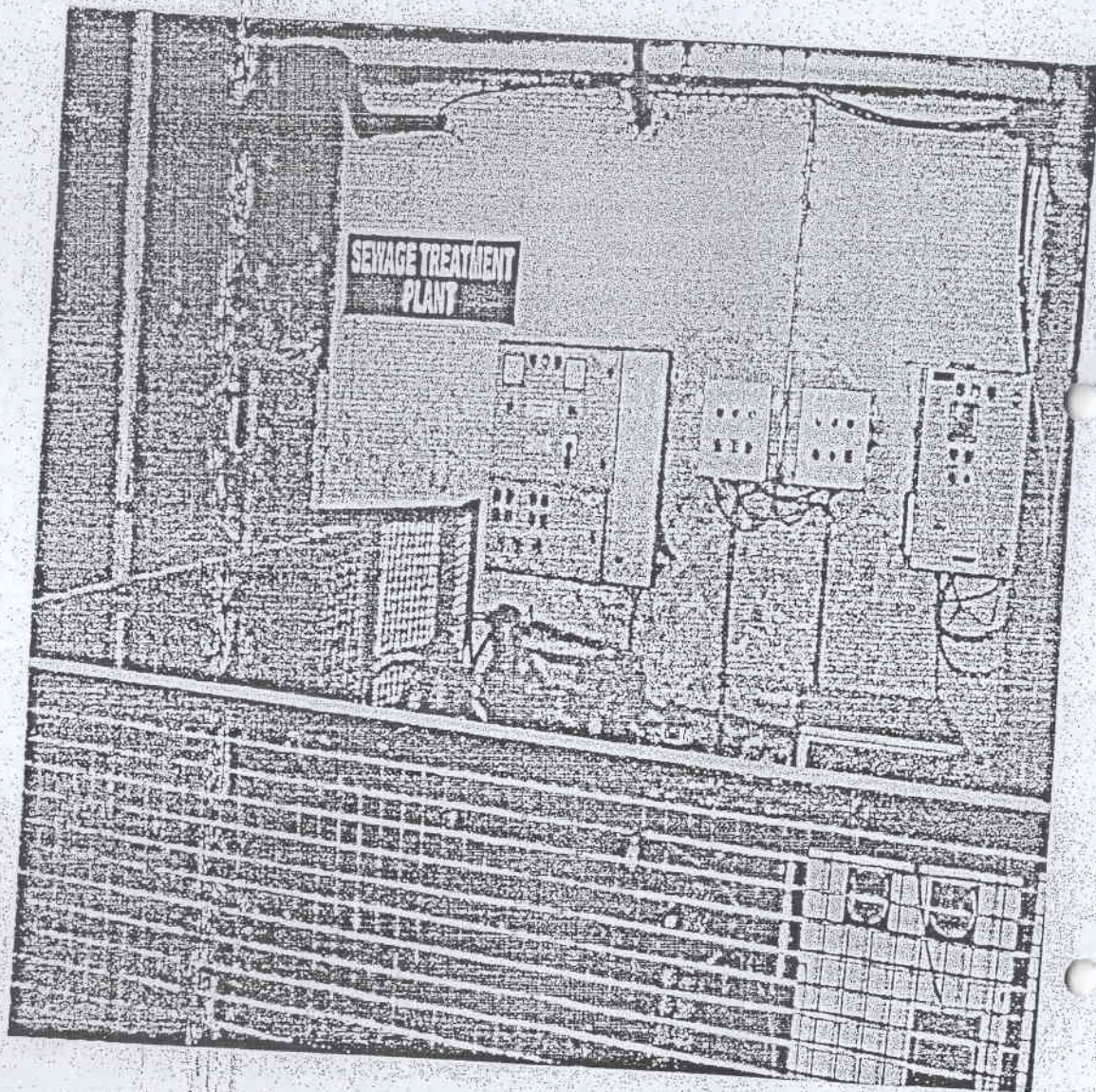
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PHOTOGRAPHS OF SEWAGE TREATMENT PLANT INSTALLED AT M/s SIR GANGA RAM HOSPITAL



Department of Management
University of Delhi
24/11/11

PHOTOGRAPHS OF SEWAGE TREATMENT PLANT INSTALLED AT M/s SIR GANGA RAM HOSPITAL



University of Kashmir
Department of Environment Management
G.G.S (P) University, Kashmir Gate, Delhi
Kashmir

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DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
Kashmere Gate, Delhi 110006
(Visit us at <https://www.dpcccomms.nic.in>)



5

Noise Monitoring Report

Result No- DPCC/Comm/N/9105 | 2177

22/03/2024 Date: 19/03/2024

1. Name & Address of Ind/Unit : M/s. SIR GANGA RAM HOSPITAL
RAJINDER NAGAR, NEW DELHI-110060
Delhi--110060
2. Date of Monitoring : 18/03/2024
3. Year of Manufacture : Before Jan 2005
4. Time of Monitoring : 15 : 10

Results :

S. No.	Location	Noise Level	Remarks	Standard
1.	Ambient Noise Level in dB(A)	59.7	D.G. Set(s) Non-Operational	
2.	Ambient Noise Level in dB(A)	64.0	D.G. Set(s) Operational	
3.	Insertion Loss of the acoustically treated room in dB(A)	25.5	D.G. Set(s) Operational	≥ 25

Note

- => The premises is used as Hospital.
- => The unit has 7 D.G.Set(s) of 625 KVA, 625 KVA, 625 KVA, 1875 KVA, 1875 KVA, 2000 KVA and 2000 KVA bearing engine no. 25237965, 25244073, 25247740, 33170287, 33169838, 25286547 and 25284159 with stack height 5.0 m, 5.0 m, 5.0 m above from acoustically treated room, 30.0 m, 30.0 m, 30.0 m and 30.0 m above from ground floor.
- => D.G.Set of the unit is installed in , One D.G. Set of 625 KVA bearing engine no. 25237965 an acoustically treated room, Two D.G. Sets of 625 KVA each, bearing engine nos. 25244073 and 25247740 another acoustically treated room and Four D.G. Sets (two of 1875 KVA each and two of 2000 KVA each) another acoustically treated room, in the premises. During monitoring one D.G. Set of 625 KVA bearing engine no. 25237965 , kept at front side (left) was operational.
- => D.G.Set monitored is meeting the permissible limit as per the G.S.R.371(E) dated 17/05/2002 and amended till date. However Ambient Air Quality Standards in Respect of Noise as mentioned in Schedule III of the Environment(Protection) Rules,1986 is meeting

Maitra

SCIENTIST (D)

Dr. Nandita Moitra
Scientist 'D'

139

Sharma

ENV.ENGINEER



DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building

Kashmere Gate, Delhi 110006

(Visit us at <https://www.dpccocmms.nic.in>)



Noise Monitoring Report

Result No- DPCC/Comm/N/9106/2178

22/03/2024 Date:19/03/2024

1. Name & Address of Ind/Unit : M/s.SIR GANGA RAM HOSPITAL
RAJINDER NAGAR, NEW DELHI-110060
Delhi--110060
2. Date of Monitoring : 18/03/2024
3. Year of Manufacture : Before Jan 2005
4. Time of Monitoring : 15 : 30

Results :

S. No.	Location	Noise Level	Remarks	Standard
1.	Ambient Noise Level in dB(A)	59.7	D.G. Set(s) Non-Operational	
2.	Ambient Noise Level in dB(A)	63.1	D.G. Set(s) Operational	
3.	Insertion Loss of the acoustically treated room in dB(A)	25.4	D.G. Set(s) Operational	≥ 25

Note

- => The premises is used as Hospital.
- => The unit has 7 D.G.Set(s) of 625 KVA, 625 KVA, 625 KVA, 1875 KVA, 1875 KVA, 2000 KVA and 2000 KVA bearing engine no. 25237965, 25244073, 25247740, 33170287, 33169838, 25286547 and 25284159 with stack height 5.0 m, 5.0 m, 5.0 m above from acoustically treated room, 30.0 m, 30.0 m, 30.0 m and 30.0 m above from ground floor.
- => D.G.Set of the unit is installed in , One D.G. Set of 625 KVA bearing engine no. 25237965 an acoustically treated room, Two D.G. Sets of 625 KVA each, bearing engine nos. 25244073 and 25247740 another acoustically treated room and Four D.G. Sets (two of 1875 KVA each and two of 2000 KVA each) another acoustically treated room, in the premises. During monitoring two D.G. Sets of 625 KVA each, bearing engine nos. 25244073 and 25247740, kept at front side (left) were operational.
- => D.G.Set monitored is meeting the permissible limit as per the G.S.R.371(E) dated 17/05/2002 and amended till date. However Ambient Air Quality Standards in Respect of Noise as mentioned in Schedule III of the Environment(Protection) Rules,1986 is meeting

Maitra

SCIENTIST (D)

Dr. Nandita Moitra

Scientist 'D'

140

Sharma

ENV.ENGINEER



DELHI POLLUTION CONTROL COMMITTEE

(Government of N.C.T. of Delhi) 4th & 5th Floor, ISBT Building
Kashmere Gate, Delhi 110006
(Visit us at <https://www.dpccocmms.nic.in>)



Noise Monitoring Report

Result No- DPCC/Comm/N/9107/2179

22/03/2024

Date:19/03/2024

1. Name & Address of Ind/Unit : M/s.SIR GANGA RAM HOSPITAL
RAJINDER NAGAR, NEW DELHI-110060
Delhi--110060
2. Date of Monitoring : 18/03/2024
3. Year of Manufacture : After Jan 2005 But More than 1000KVA
4. Time of Monitoring : 15 : 50

Results :

S. No.	Location	Noise Level	Remarks	Standard
1.	Ambient Noise Level in dB(A)	58.3	D.G. Set(s) Non-Operational	
2.	Ambient Noise Level in dB(A)	63.7	D.G. Set(s) Operational	
3.	Insertion Loss of the acoustically treated room in dB(A)	25.6	D.G. Set(s) Operational	>=25

Note

- => The premises is used as Hospital.
- => The unit has 7 D.G.Set(s) of 625 KVA, 625 KVA, 625 KVA, 1875 KVA, 1875 KVA, 2000 KVA and 2000 KVA bearing engine no. 25237965, 25244073, 25247740, 33170287, 33169838, 25286547 and 25284159 with stack height 5.0 m, 5.0 m, 5.0 m above from acoustically treated room, 30.0 m, 30.0 m, 30.0 m and 30.0 m above from ground floor .
- => D.G.Set of the unit is installed in , One D.G. Set of 625 KVA bearing engine no. 25237965 an acoustically treated room, Two D.G. Sets of 625 KVA each, bearing engine nos. 25244073 and 25247740 another acoustically treated room and Four D.G. Sets (two of 1875 KVA each and two of 2000 KVA each) another acoustically treated room, in the premises. During monitoring four D.G. Sets (two of 1875 KVA each and two of 2000 KVA each) kept in basement at rear side (right) were operational.
- => D.G.Set monitored is meeting the permissible limit as per the G.S.R.371(E) dated 17/05/2002 and amended till date. However Ambient Air Quality Standards in Respect of Noise as mentioned in Schedule III of the Environment(protection) Rules,1986 is meeting

M. Mitra

SCIENTIST (D)
Dr. Nandini Mitra
Scientist 'D'

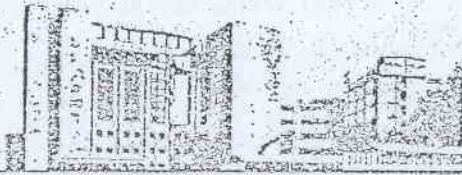
141

J. J. J.

ENV.ENGINEER



Sir Ganga Ram Hospital



Ref.:SGRH/Project/2019/4274

Dated : 01.01.2019

To,

The Executive Engineer
Building Section, Karol Bagh Zone
North Delhi Municipal Corporation,
Nigam Bhawan, D.B. Gupta Road, New Delhi 110005

Subject: Intimation for Environment Clearance of project
"Modernization of Sir Ganga Ram Hospital" at Sir Ganga
Ram Hospital, Rajinder Nagar, New Delhi

Sir,

This is with reference to the subject work, we are in receipt of
"Environment Clearance" from Ministry of Environment, Forest and
Climate Change (MoEF&CC) vide F.no.21-103/2018-IA-III
dt.27.12.2018. The copy of the "Environment Clearance" is enclosed
for ready reference.

This is for your kind information and display on Notice Board.

Thanking you,

Yours sincerely,


(P.K. Bansal)
Head Project

Encl. : a/a

Head-Project

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FORM 10

Copy 1 (White), Copy 2 (Yellow), Copy 3 (Pink), Copy 4 (Orange), Copy 5 (Green), Copy 6 (Blue), Copy 7 (Grey)

[See rule 19 (1)]

055 MANIFEST FOR HAZARDOUS AND OTHER WASTE

1.	Sender's name and mailing address (including Phone No. and e-mail).	Str Ganga Ram Hospital, Old Rajinder Nagar, New Delhi - 110060
2.	Sender's Authorization No.	H.A.
3.	Manifest Document No.	
4.	Transporter's Name And Address : (Including Phone).	self -
5.	Type of Vehicle.	(Truck/Tanker/Special Vehicle)
6.	Transporter's Registration No.	
7.	Vehicle Registration No.	DL 1 LM 5248
8.	Receiver's Name and Mailing address (Including Phone No. and e-mail)	STEAM OIL AND GENERAL INDUSTRIES C-187, B.S. Road Industrial Area, Ghaziabad-201001 (U.P.) Tel. : 0120 - 4561959, 9312234406 E-mail : steamoil84@gmail.com E-mail : steamoil1984@rediffmail.com
9.	Receiver's Authorization No.	18005JUPPCB/Ghaziabad/UPCB/RC/HUM/128/2022
10.	Waste Description	used oil.
11.	Total Quantity No. of Containers	1100 ltr m ³ or MT 5 Barrels Nos
12.	Physical Form	(Solid / Semi Solid/Sludge/Oily/Tarry/Slurry/Liquid)
13.	Special Handling Instructions and additional Information.	
14.	Sender's Certificate	I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are Categorised, Packed, Marked and Labelled and are in all respects in proper conditions for transport by Road according to applicable national Government Regulations.
	Name and Stamp : Signature.	Month Day Year 0 2 0 8 2 0 2 3
15.	Transporter acknowledgment of receipt of Wastes	
	Name and Stamp : Signature.	Month Day Year 0 2 0 8 2 0 2 3
16.	Receiver's Certification for receipt of Hazardous and other waste	
	Name and Stamp : Signature.	Month Day Year 0 2 0 8 2 0 2 3
<p>Terms & Conditions :</p> <ol style="list-style-type: none"> 1. To be forwarded by the sender to the State Pollution Control Board after signing all the seven copies. 2. To be retained by the sender after taking signature on it from the transporter and the rest of the five signed copies to be carried by the transporter. 3. To be retained by the receiver (actual user or treatment storage and disposal facility operator) after receiving the waste and the remaining four copies are to be duly signed by the receiver. 4. To be handed over to the transporter by the receiver after accepting waste. 5. To be sent by the receiver to the State Pollution Control Board. 6. To be sent by the receiver to the sender. 7. To be sent by the receiver to the State Pollution Control Board of the sender in case the sender is in another State. 		

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UTTAR PRADESH POLLUTION CONTROL BOARD

TC-12V, Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone: 0522-2720828, 2720831 Fax: 0522-2720764 Email: info@uppcb.com Website: www.uppcb.com

Ref. No : 18005/UPPCB/Ghaziabad(UPPCBRO)/HWM/GHAZIABAD/2022

Dated : 10/09/2022

To,

M/s STEAM OIL AND GENERAL INDUSTRIES
PLOT NO. C - 187 UPSIDC INDUSTRIAL AREA, BULANDSHAHR ROAD,
GHAZIABAD, GHAZIABAD, 201001
Tehsil : Bhe...r
District : GHAZIABAD

Sub :- Authorisation issued under the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016

1. Number of authorization and date of issue 18005 and 10/09/2022 .
2. Reference of application (No. and date) 17271549 and 28/07/2022 .
3. Mr VIJAY AGARWAL of M/s STEAM OIL AND GENERAL INDUSTRIES is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, utilization, storage and disposal or any other use of hazardous or other wastes or both on the premises situated at within premises .

Details of Authorisation

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S No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilization or co-processing, etc.	Quantity(ton/annum)
1	Schedule I, Cat-5.1 Used or spent oil	Reprocessing	3600 KL/Annum
2	Schedule I, Cat-5.2 Wastes or residues containing oil	Incineration	3 Ton/Annum
3	Schedule I, Cat-4.1 Oil sludge or emulsion	Incineration	300 Ton/Annum
4	Schedule I, Cat-33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	Reprocessing	200 Ton/Annum
5	Schedule I, Cat-33.2 Contaminated cotton rags or other cleaning material	Incineration	3 Ton/Annum
6	Schedule I, Cat-34.1 Chemical-containing residue arising from decontamination	Incineration	18 Ton/Annum
7	Schedule I, Cat-34.2 Sludge from treatment of waste water arising out of cleaning / disposal of barrels / containers	Incineration	3 Ton/Annum
8	Schedule I, Cat-37.2 Ash from incinerator and flue gas cleaning residue	Through TSDF	18 Ton/Annum

1. The authorization shall be valid for a period of 08/09/2027 from the date of issue of this letter

2. The authorization is subject to the following general and specific conditions (please specify any conditions that need to be imposed over and above general conditions, if any).

A General Conditions of Authorization -

- The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under .
- The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Board .
- The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization .
- Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorisation .
- The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time .
- The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and penalty .
- It is the duty of the authorised person to take prior permission of the State Pollution Control Board to close down the facility .
- The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation .
- The record of consumption and fate of the imported hazardous and other wastes shall be maintained .

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10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation .
11. The importer or exporter shall bear the cost of Import or export and mitigation of damages if any
12. An application for the renewal of an authorisation shall be made as laid down under these Rules .
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time .
14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year .
15. The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

B Specific Conditions of Authorization

- 1- The unit will submit the proof of depositing the requisite processing fees of application in a month otherwise this authorization will stand automatically cancelled.
- 2- The wastes must be safely collected in leak proof containers and shall be duly marked in a manner suitable for handling, storage and transport and the packaging shall be easily visible and be able to withstand physical conditions and climatic factors. All hazardous waste containers/bags shall be provided with a general label as given in Form 8. The storage area should be at an isolated spot in the premises and must be fenced, covered and duly marked.
- 3- The authorized person/agency shall ensure that no adverse impact on the air, soil and water including groundwater takes place due to activities for which authorization has been requested. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.
- 4- It is brought to your notice that as per the order dated 14.11.2003 passed by the Hon'ble Supreme Court in W.P. (c) 657 of 1995, no industry covered under Hazardous Waste (Management and Handling) Rules, 1989 (as amended) shall be allowed to operate without valid authorisation. It is also provided in the same order that industries which are not complying with the conditions shall not be allowed to operate. Hence in case you fail to apply for authorisation before its expiry or fails to comply with conditions of the earlier authorisation issued to you, closure order shall be issued against your industry without any further notice.
- 5- The applicant must file returns on prescribed Form 4 along with a compliance report of this letter. You should also maintain records on Form-3 and present it to Board's inspecting officials.
- 6- In case of occurrence of an accident, complete details on Form-11 must be sent to U.P. Pollution Control Board at the earliest along with details of mitigative and remedial measures taken.
- 7- It is also the mandatory duty of the occupier of industry as well as operator of a facility to develop suitable waste treatment and disposal facility and the design of the facility must be approved by the Board. Details along with the project report must be sent in this regard within fifteen days of receipt of this letter, otherwise the industry shall become member of a common TSDF and the industry shall start sending the Hazardous waste already stored along with the Hazardous waste generated at present at this TSDF. The proof of valid membership of TSDF along with proof of disposal of hazardous waste to TSDF shall be sent to U.P. Pollution Control Board within three months.
- 8- The authorised person shall not receive, collect, or store any hazardous waste from any unauthorised occupier or generator of hazardous wastes. In case any hazardous wastes is sold to any

other reprocessing unit it must be ensured that such unit is fully complying with environmental requirements and has a valid authorisation of the Board.

9- In no case any hazardous wastes shall be disposed off on land, in any drain or stream. All spillages of hazardous chemicals, used containers of hazardous chemicals such as flammable, corrosive, explosive and toxic nature must be safely collected and stored. Non-compatible wastes must be suitably and safely handled.

10- Proposal regarding waste minimization and reuse of wastes must be sent. Details of any recovery/ reuse system must be sent within two months.

11- It is within the powers and functions of the U.P. Pollution Control Board to suspend/ cancel the authorization issued under the Rule- 6(2) of The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

12- The stored waste shall not be taken out of the storage area except with the written permission of the State Pollution Control Board in this regard.

13- You are directed to display online data outside the main factory gate with regards to quantity and nature of hazardous chemicals being handled in the plant including waste water and air emissions and solid hazardous waste generated within the factory premises. Necessary compliance should be sent within fifteen days of receipt of this letter.

14- It is the mandatory duty of the authorised person to comply with the guideline for transportation of hazardous waste in accordance with Rule 18 of The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. Guidelines in this regard have been issued by Central Pollution Control Board from time to time.

15- You are directed to provide the complete details regarding the quantity of hazardous waste stored in the factory premises within a month.

16- You are directed to provide all hazardous waste generated in the factory to any TSDF operating in the state for the treatment and disposal and send the compliance report to the U.P. Pollution Control Board at the earliest.

17- Status report of hazardous waste stored in premises available storage capacity and future action plan for permanent safe disposal of hazardous waste shall be submitted within one month.

18- Ground water monitoring report of premises shall be submitted within one month.

19- Industry will follow the various provisions of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

VIVEK
ROY

Digitally signed
by VIVEK ROY
Date: 2022.09.10
12:37:37 +05'30'

(Authorized Signatory)

UTTAR PRADESH POLLUTION CONTROL BOARD

Copy to: To the Regional Officer, U.P. Pollution Control Board, Ghaziabad for information and necessary action .

VIVEK
ROY

Digitally signed
by VIVEK ROY
Date: 2022.09.10
12:37:59 +05'30'

CEO/EE, I/C Circle _____

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SR No. 7

M. Block



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum & Explosives Safety Organisation (PESO)

हाल संख्या 502 एवं 507, लेवल-5, ब्लॉक II, पुराना सी.जी.ओ. कॉम्प्लेक्स, एन.एच.4

फरीदाबाद- 121001

Hall No. 502 & 507, Level 5, Block B,

Old CGO Complex, NH-4,

Faridabad - 121001

E-mail : jtccefaridabad@explosives.gov.in

Phone/Fax No : 0129 - 2410734, 241073:

संख्या /No. : P/NC/DL/15/309 (P56262)

दिनांक /Dated : 08/01/2024

सेवा में
/To,

SIR GANGA RAM HOSPITAL,
SIR GANGA RAM HOSPITAL MARG,
Rajender Nagar,
Karol Bagh,
Taluka: Karol Bagh,
District: DELHI,
State: Delhi
PIN: 110060

विषय /Sub : Plot No, NIL, RAJENDRE NAGAR DELHI, RAJENDER NAGAR, New Delhi, Taluka: Karol Bagh, District: DELHI, State: Delhi, PIN: 110060 में स्थित विद्यमान पेट्रोलियम वर्ग B अधिष्ठापन में अनुज्ञप्ति सं P/NC/DL/15/309 (P56262) के नवीकरण के संदर्भ में ।
Existing Petroleum Class B Installation at Plot No, NIL, RAJENDRE NAGAR DELHI, RAJENDER NAGAR, New Delhi, Taluka: Karol Bagh, District: DELHI, State: Delhi, PIN: 110060 - Licence No. P/NC/DL/15/309 (P56262) - Renewal regarding.

महोदय
/Sir(s),

कृपया आपके पत्र क्रमांक OIN1524653 दिनांक 22/12/2023 का अवलोकन करें ।

Please refer to your letter No.: OIN1524653, dated 22/12/2023

अनुज्ञप्ति संख्या P/NC/DL/15/309 (P56262) दिनांक 11/10/2001 को दिनांक 31/12/2024 तक नवीनीकृत कर इस पत्र के साथ अग्रहित की जा रही है ।
Licence No. P/NC/DL/15/309 (P56262) dated 11/10/2001 is forwarded herewith duly renewed upto 31/12/2024.

2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें । अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञप्ति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व to Jt. Chief Controller of Explosives, North Circle, Faridabad, so as to reach his कार्यालय में प्रस्तुत करें ।

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence to Jt. Chief Controller of Explosives, North Circle, Faridabad, so as to reach his office on or before the date on which Licence expires.

कृपया पावती दें।

Please acknowledge the receipt.

भवदीय /Yours faithfully,

((आर.रावत)

(R. Rawat)

उप मुख्य विस्फोटक नियंत्रक

Dy. Chief Controller of Explosives

कृते संयुक्त मुख्य विस्फोटक नियंत्रक

For Jt. Chief Controller of Explosives

फरीदाबाद/Faridabad

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट : <http://peso.gov.in> देखें)

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

Note:-This is system generated document does not require signature.



भारत सरकार
Government of India
वाणिज्य और उद्योग मंत्रालय
Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)
Petroleum & Explosives Safety Organisation (PESO)
हाल संख्या 502 एवं 507, लेवल-5, ब्लॉक B, पुराना सी.जी.ओ. कॉम्प्लेक्स, एन.एच.4
फरीदाबाद - 121001
Hall No. 502 & 507, Level 5, Block B Old CGO Complex, NH-4,
Faridabad - 121001

E-mail: jtcefaridabad@explosives.gov.in
Phone/Fax No: 0129 - 2410734, 2410732

संख्या No: P/NC/DL/15/290 (P44346)

सेवा में
को

दिनांक /Dated: 28/10/2021

M/S SIR GANGA RAM HOSPITAL,
SIR GANGA RAM HOSPITAL MARG,
RAJINDER NAGAR,
New Delhi,
Taluka: New Delhi,
District: DELHI,
State: Delhi
PIN: 999999

विषय
/Sub

Plot No, NA, SIR GANGA RAM HOSPITAL, RAJINDER NAGAR, New Delhi, Taluka: New Delhi, District: DELHI, State: Delhi, PIN: 110060 में स्थित विद्यमान पेट्रोलियम वर्ग B अधिष्ठापन में अनुज्ञप्ति सं P/NC/DL/15/290 (P44346) के नवीकरण के संदर्भ में।
Existing Petroleum Class B Installation at Plot No, NA, SIR GANGA RAM HOSPITAL, RAJINDER NAGAR, New Delhi, Taluka: New Delhi, District: DELHI, State: Delhi, PIN: 110060 - Licence No. P/NC/DL/15/290 (P44346) - Renewal regarding

महोदय
/Sir(s)

कृपया आपके पत्र क्रमांक OINB96340 दिनांक 18/10/2021 का अवलोकन करें।
Please refer to your letter No. OINB96340, dated 18/10/2021

अनुज्ञप्ति संख्या P/NC/DL/15/290 (P44346) दिनांक 07/06/2004 को दिनांक 31/12/2024 तक नवीनीकृत कर इस धरा के साथ अर्पित की जा रही है।
Licence No. P/NC/DL/15/290 (P44346) dated 07/06/2004 is forwarded herewith duly renewed upto 31/12/2024

2002 के अधीन बनाए गए नियम 148 में दी गई प्रक्रिया का कड़ाई से पालन करें। अनुज्ञप्ति के नवीकरण हेतु समस्त दस्तावेजों को अनुज्ञप्ति की वैधता समाप्त होने की तिथि से कम से कम 30 दिन पूर्व to Jt. Chief Controller of Explosives, North Circle, Faridabad, so as to reach his कार्यालय में प्रस्तुत करें।
Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the licence to Jt. Chief Controller of Explosives, North Circle, Faridabad, so as to reach his office on or before the date on which Licence expires.

कृपया पावती दें।

Please acknowledge the receipt.

भवदीय /Yours faithfully

((आर.एन.मीना)
(R.N.Meena)

समुक्त मुख्य विस्फोटक नियंत्रक
Jt. Chief Controller of Explosives
फरीदाबाद/Faridabad

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

Note:-This is system generated document does not require signature.

Classifieds

TENDER NOTICE

Shriya Shakti Apartment Owners Association Plot No-15, Airissa Khand-1, Indrapuram, Chachibao-201014 invites tender for the following services:-

1. Security Agency
2. Facility Management
3. Horticulture Agency
4. Garbage Collection & Grocery Store
5. Electrical Panel & Generator & Fire Safety & Lift assets upto 1000 kVA report and Account Diligence (Technical & CA firm)
6. Hair salon
7. Restaurant

COURT NOTICES

IN THE COURT OF SH. SANJEEV KUMAR AGGARWAL, J.D. DISTRICT JUDGE (COMMERCIAL COURT)-01 ROOM NO.368, CENTRAL, 110 HAZARD COURTS, DELHI

PROCLAMATION REQUIRING ATTENDANCE OF DEFENDANT (Order 8, Rules 30 of the Code of Civil Procedure)

SUIT NO-CE COMR-554/22

PUNJAB NATIONAL BANK

Versus

SHRI DEEPAK KUMAR

Plaintiff

Defendant

To:

Shri Deepak Kumar, A-75 Khaura No.2222 C-11 No. 4B, West Kirti Nagar Near Hanuman Mandir Delhi-110034

WHEREAS you are intentionally evading the service of summons of the Court, it is hereby declared that it

PUBLIC NOTICE

Sir Ganga Ram Trust Society is pleased to inform that "Amendment in Environment Clearance of Sir Ganga Ram Hospital at Sir Ganga Ram Marg, Rajinder Nagar, New Delhi has been accorded vide file No. DPCC / SE1AA-IV/ C-436/ DL/2022/5434-5447 date 31.01.2023 Environment Clearance No. SE1AA-D/ C-436/ EC-372/2022. The copy of the clearance letter is available with the State Pollution Control Board and may also be seen on the website www.envfor.nic.in of Ministry of Environment & Forests and Climate Change.

Sir Ganga Ram Trust Society

1.3 Resources

1.3.1 Water Resource Management

1.3.1.1 Water Requirement

The total water requirement breakup of Existing, Proposed and after Modernization of the complex is given in Table 4,5&6:

Table 4: Existing Water Management.

Description	Population	Factor in LPCD	Water Requirement (in KLD)	Wastewater discharge (in KLD)
Domestic				
Hospital Beds	675	450	304	
OPD Patients	1500	15	22	
Doctor Staff	610	45	27	
Supporting Staff	1500	45	68	
Working women and Nursing Hostel	250	135	34	
Visitors	1000	15	15	
Total	5535	Sub-Total	470	379
Chiller Cooling			215	58
Horticulture			20	Nil
Laboratory			5	3
Total			710 KLD	440 KLD

WATER BALANCE

Existing Water Management

Total Water Requirement
710 KLD

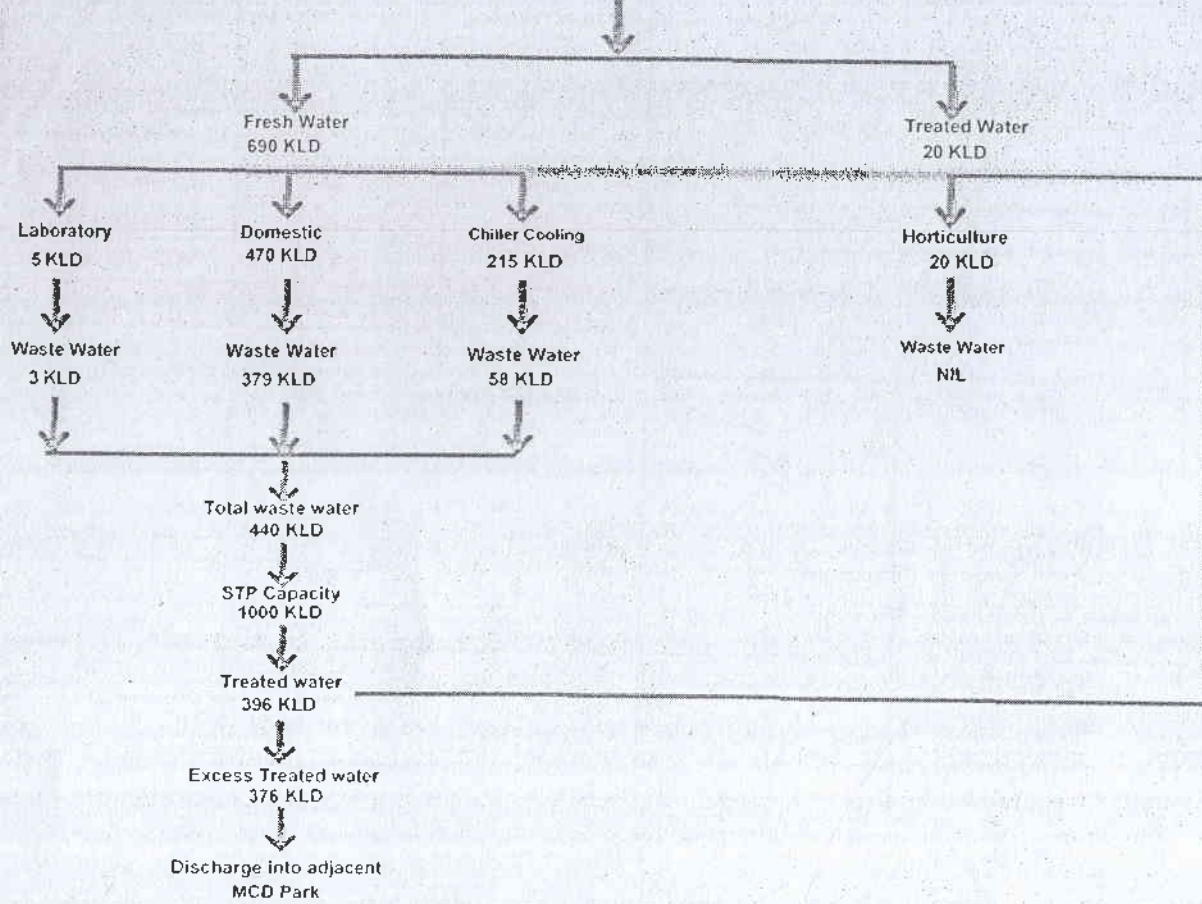


Table 5: Proposed Water Management

Description	Population	Factor in LPCD	Water Requirement (in KLD)	Wastewater discharge (in KLD)
Domestic				
Hospital Beds	257	450	116	
OPD Patients	500	15	7	
Doctor Staff	100	45	5	
Supporting Staff	800	45	36	
Visitors	400	15	6	
Total	2057	Sub-Total	170	146
		Domestic Flushing	120 50	96 50
Chiller Cooling			185	127
Horticulture			15	Nil
Laboratory			10	7
Total			380 KLD	280 KLD (Domestic waste ~ 273 KLD Lab waste is 7 KLD)

WATER BALANCE

Proposed Water Management

Total Water Requirement
380 KLD

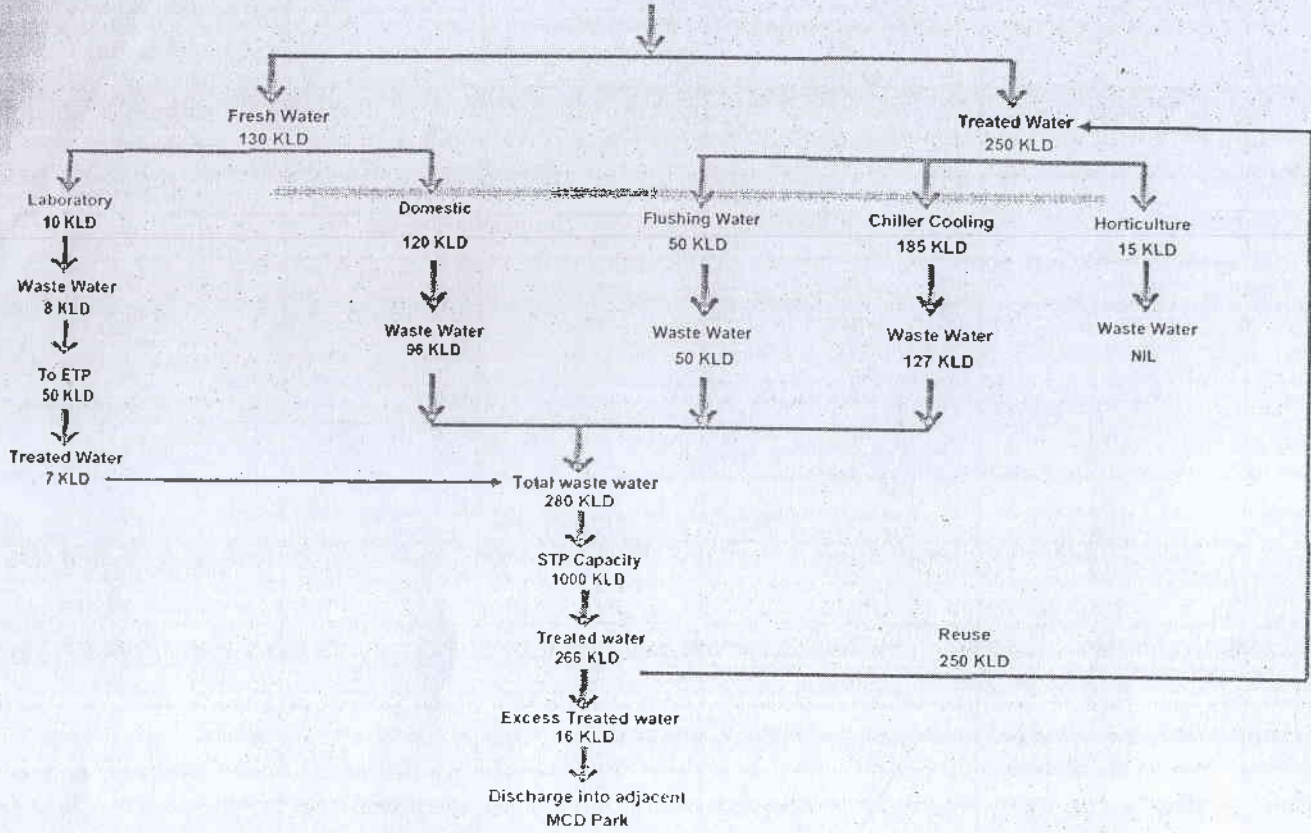
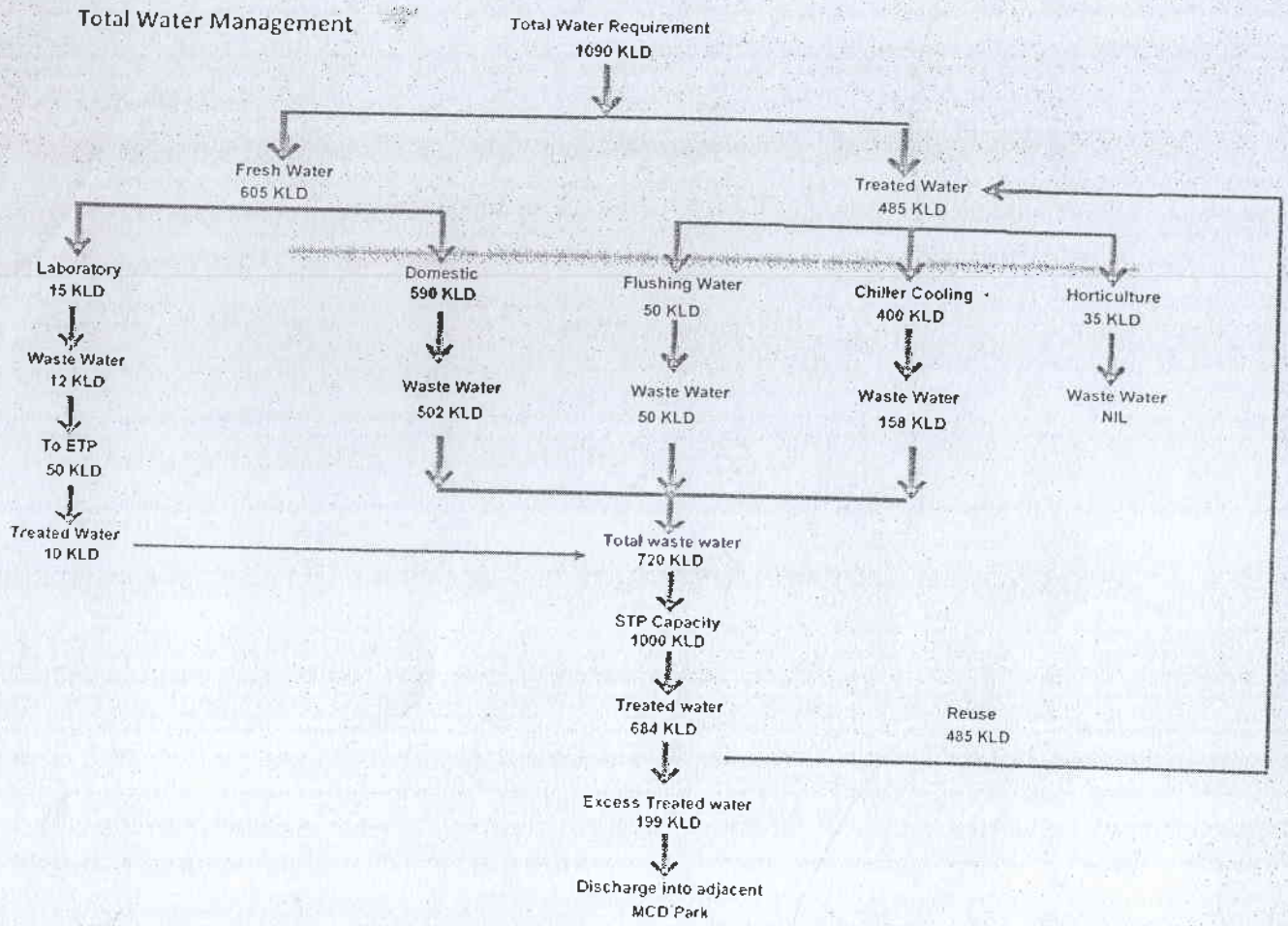


Table 6: Total Water Management

Description	Population	Factor in LPCD	Water Requirement (in KLD)	Wastewater discharge (in KLD)
Domestic				
Hospital Beds	932	450	420	
OPD Patients	2000	15	30	
Doctor Staff	710	45	32	
Supporting Staff	2300	45	104	
Visitors	1400	15	21	
Working Women and Nursing Hostel	250	135	34	
Total		Sub-total Domestic	640	552
		Domestic Flushing	590	502
			50	50
Chiller Cooling			400	158
Horticulture			35	Nil
Laboratory			15	10
Total			1090	720 (Domestic waste – 710 KLD Lab waste is 10 KLD)

WATER BALANCE



1.3.1.2 Source of Water

The water will be sourced through Delhi Jal Board (DJB)/Borewells.

1.3.1.3 Disposal

Total waste water from the complex after modernization will be 720 KLD out of which 10 KLD Laboratory waste water will be treated in the proposed ETP of capacity 50 KLD and further treated in existing STP of 1000 KLD. Rest 710 KLD of waste water will be directly treated in the existing STP of capacity 1000 KLD. 485 KLD of treated water shall be generated from the STP which will be re-used for flushing, gardening & chiller cooling purposes.

1.3.2 Energy Resource Management

1.3.2.1 During Construction

DG sets shall be used for Power supply during the construction phase.

1.3.2.2 During Operation

During operation phase, 9 MVA (existing -5.5 MVA & proposed - 3.5 MVA). of electric load from BSES shall be supplied to the complex. Power backup shall be provided by DG sets of 2 x 2000 KVA, 2 x 1875 KVA, & 3 x 625 KVA. Another DG set of capacity 2 x 2250 KVA is proposed in the hospital.

1.3.3 Energy Load

The total Energy consumption for the Hospital is 9 MVA (existing -5.5 MVA & proposed - 3.5 MVA).

1.3.3.1 Conservation

The proper energy conservation measures will be adopted to save energy. Details is given in EMP.

1.4 SITE ANALYSIS

1.4.1 Eco-sensitive areas with distance from project location

There is no eco sensitive area within 10 Km radius. The other eco-sensitive zones with distance from the project location are given in Table 5:

Table 5: Eco sensitive sites around the project site

Areas protected under international conventions, national or local legislation	under national or their		
		Rashtrapati Bhawan	2.0 Km. S
		Red Fort	5.5 Km.NE
		India Gate	5.0 Km.SE
		Jama Masjid	5.0 Km.NE
		Jantar Mantar	5.5 Km. NE

CORPORATE SOCIAL RESPONSIBILITY PLAN (ALREADY SPEND) – INCLUDED FROM 2018 APPROVAL AND UPDATED

S.no.	TOTAL EXPENDITURE (2019-2020)	EXPENDITURE INCURRED ON CHARITY 2019-2020 (Upto March 2020) (RS in LAKHS)
1	Capital expenditure to Health Centres and NGO for old Age	
A	Parvati Education & Health Society	12.0
B	Earth Saviuor Foundation (For Tractor)	4.73
C	Sai Kirpa Society (For Lab Equipment)	12.0
D	Sarvha Foundation	11.0
E	Mamta w/o Lt. Sudhir Ranjan Kirtaniya	0.12
F.	EWS	4324.0
G	POOR PATIENTS	3726.0
	Total	8089.85 LAKHS
	EXPENDITURE (MCD PARK)	
2	Running exp of horticulture malis, supervisor and fertilizer, khad etc	
A	Salary of mali	28.29
B	Salary of Sanitary inspector	7.40
C	Gardening Expenditure	13.00
	Total	48.69 LAKHS

S. no.	CAPITAL EXPENDITURE	EXPENDITURE INCURRED
1	Widening of entrance road & exist road around Sir Ganga Ram Hospital for public by providing pedestal pathways & smooth traffic movement including upliftment of the area	Rs.12 lakhs

ENVIRONMENT MONITORING PLAN – INCLUDED FROM 2018 APPROVAL ✓

Monitoring	Frequency of monitoring	
	During construction phase	During operation phase
Air & Stack: <ul style="list-style-type: none"> Ambient Air Quality at appropriate location for PM₁₀, PM_{2.5}, SO₂, Nox, Stack emission for point sources PM,SO₂, NOx. 	<ul style="list-style-type: none"> Six monthly Six monthly 	<ul style="list-style-type: none"> Six monthly Six Monthly
Water: <ul style="list-style-type: none"> Water Quality Monitoring for relevant parameters of IS – 10500 	<ul style="list-style-type: none"> Six monthly 	<ul style="list-style-type: none"> Six monthly
Waste water: <ul style="list-style-type: none"> Waste Water Quality (Treated & Untreated) for pH, TSS, Oil & Grease. Waste water quality pH, TSS, oil & Grease. BOD, COD & Phosphate. 		<ul style="list-style-type: none"> Six monthly
NOISE: <ul style="list-style-type: none"> Day and night level noise monitoring. 	<ul style="list-style-type: none"> Six monthly 	<ul style="list-style-type: none"> Six monthly
Soil: <ul style="list-style-type: none"> Soil Monitoring, Qualitative and quantitative testing/analysis to check the soil fertility, porosity, texture, water holding capacity etc. 	<ul style="list-style-type: none"> Six monthly 	<ul style="list-style-type: none"> Six monthly

COST ON ENVIRONMENTAL MANAGEMENT PLAN

CAPITAL EXPENDITURE

Handwritten notes:
Newly, to be
all
Final

Sl No	Description	Already Spent (Rs. In Lacs)	Proposed (Rs. In Lacs)	Capital Cost (Rs. In Lacs)
1	Waste water treatment (ETP & STP)	142	180	322
2	Acoustic Treatment/ stack	80	50	130
3	Solid Waste Management	15	12	27
4	Rain Water Harvesting Pit	35	7.5	42.5
5	Solar	150	40	190
	Total	422	289.5	711.5

RECURRING EXPENDITURE

Handwritten note: Monthly

Sl No	Description	Already Spent (Rs. In Lacs)	Proposed (Rs. In Lacs)	Cost (Rs. in Lacs/ Year)
1	Water Management (ETP & STP)	21.0	12.0	33.0
2	Air Management	1.0	1.0	2.0
3	Environmental Monitoring	1.0	1.0	2.0
4	Solid Waste Management	3.0	1.0	4.0
5	Misc	7.5	2.0	9.5
	Total	33.5	17.0	50.5