



ASTER CONSULTANCY

ENGINEERS & CONSULTANTS

(ISO: 9001 2015 CERTIFIED FROM BSI)

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Udyam Registration Number: UDYAM-WB-10-0002295



VISION

Our vision is to deliver high-quality engineering solutions by working as a cohesive team committed to engineering excellence and to achieving clients' goals.

ASTER CONSULTANCY provides a wide range of engineering consultancy services. We offer cost-effective solutions, with a particular emphasis on industrial, commercial, residential, and municipal projects. Our expertise includes specialised civil, structural, and electro-mechanical design, pre-bid engineering, and project management consultancy.

CEO:

SAIKAT GHOSH holds a Bachelor's degree in **Civil Engineering** from Jadavpur University, Kolkata, and a **Master's degree in Structural Engineering** from Bengal Engineering & Science University (BESU). He has completed the **EPGSBL programme** at the Indian Institute of Management Calcutta (IIMC). With over 25 years' experience in design and construction, he served in the Water Services Department at JUSCO (TATA STEEL) and held several key roles as a lead design engineer on government projects for Uranium Corporation India Limited (UCIL), Kolkata Metropolitan Water and Sanitation Authority (KMWSA), KOLKATA Municipal Corporation, Kolkata Metropolitan Development Authority (KMDA), New Kolkata Development Authority (NKDA), Public Health Department Jharkhand & Bihar, Steel Authority of India (SAIL) & TATA STEEL, MECON, DCPL, DASTURCO, TCE & EIL. Additionally, he was a core team member of the project management improvement cell, with Accenture as the lead project management auditor. He has also served in the Water Resources Development Directorate (under the Ministry of Water Investigation & Development, Government of West Bengal) and the Public Health Engineering Department, where he was involved in the structural design of water supply, sewerage, and major and minor irrigation projects.

ASTER CONSULTANCY was established in April 2013 under the leadership of Mr. Saikat Ghosh. The firm specialises in detailed design engineering for EPC projects, in collaboration with leading construction companies. The consultancy holds ISO 9001-2015 certification from BSI, underscoring its commitment to high-quality design engineering services. **ASTER CONSULTANCY's** mission is to become a strong, process-oriented design consultancy.

FIELD OF PROJECTS

- ✓ Water Treatment Plant (WTP)
- ✓ Sewage Treatment Plant (STP)
- ✓ Intake Plant
- ✓ Steel Plant
- ✓ Power Plant
- ✓ Residential / Commercial & Office / Hotels & Schools.
- ✓ Detailed Project Report (DPR)



PART-A (PROJECTS AND EXPERIENCE)

:INTERNATIONAL PROJECTS:

❖ STP / WASTEWATER TREATMENT PLANT (WWTP): -

- ✓ Detail engineering consultancy services of **54 MLD Wastewater Treatment Plant (WWTP)** Project at NGWERERE at **Lusaka, Zambia, SOUTH AFRICA** under principal Client **LUSAKA WATER SUPPLY AND SANITATION COMPANY** and consultant to principal Client **GIC/GITECH/HYDROMENT/BARI ZAMBIA LIMITED**. EPC client to Aster Consultancy: **VA TECH WABAG LIMITED**
- ✓ Detail engineering consultancy services of **18 MLD Wastewater Treatment Plant (WWTP)** Project at NGWERERE at **Lusaka, Zambia, SOUTH AFRICA** under principal Client **LUSAKA WATER SUPPLY AND SANITATION COMPANY** and consultant to principal Client **GIC/GITECH/HYDROMENT/BARI ZAMBIA LIMITED**. EPC client to Aster Consultancy: **VA TECH WABAG LIMITED**.
- ✓ Detail engineering consultancy services of **200 MLD Sewage Treatment Plant (STP)** Project at **PAGLA, DHAKA, BANGLADESH** under principal Client **DHAKA WATER SUPPLY & SEWERAGE AUTHORITY (DWSSA)** and Consultant to Principal Client: **DHOWA Engineering Co., LTD (DR & CS Department), South Korea**. EPC client to Aster Consultancy: **VA TECH WABAG LIMITED**.

:NATIONAL PROJECTS:

❖ DESALINATION PROJECT:

- ✓ Detail engineering consultancy services of a hundred (**100**) **MLD Sea Water Desalination Project** at **Nellore, Andhra Pradesh** and **VA TECH WABAG LIMITED**.

❖ WATER TREATMENT PLANT (WTP): -

- ✓ Detail engineering consultancy services of two hundred and ten (**210**) **MLD (52 MGD) Water Treatment Plant** at **Kulpi** under **PHED, West Bengal** and **L&T CONSTRUCTION** and Client Consultant: **URS Scott Wilson**.

📷 Project Photo:

52 MGD WTP.FOR MEGA SURFACE WATER BASED W/S SCHEME FOR FALTA – MATHURAPUR



Filter Annex Building



Overhead Reservoir



WTP

- ✓ Detail engineering of **140 MLD (32 MGD) Water Treatment Plant** at **Madhyamgram Municipality** under **KMDA, West Bengal**. Client to **ASTER CONSULTANCY VATECH WABAG & AEC Pvt. Limited**, Client Consultant: **Jadavpur University**.



32 MGD WTP at Madhyamgram



- ✓ Detail engineering for the balance work of **Electro-Mechanical Design & Drawings** for 3Nos. WTPs having capacities of **1 MLD, 8 MLD & 52 MLD**, and 4 Nos. Pumping Stations, 6 nos. old WTP & **ESR at Hazaribagh**. Client to **ASTER CONSULTANCY L&T CONSTRUCTION**. Client Consultant: **Urban Water Supply Project Under Hazaribagh Municipal Corporation**.
- ✓ Detail engineering stage job for the **Individual rural piped water supply project** pertaining to **16.42 MLD and 9.23 MLD WTP at Kendrapada, 13.04 MLD WTP at Jagatsingpur, and 8.71 MLD WTP at Jharsuguda**, District of Odisha, RWSS Organization, Government of Odisha. Client: **L&T CONSTRUCTION** and Client Consultant: **Jadavpur University**.
- ✓ Detail engineering of a **25 MGD Water Treatment Plant, along with a 5 MG capacity Ground Level Reservoir and Pump House**, at Garden Reach Water Works under the Kolkata Municipal Corporation. Client: **VA Tech Wabag Limited**; Client Consultant: **Jadavpur University**.



Project Photo:

25 MGD WTP ALONG WITH 5 MG GLR & PUMP HOUSE AT GARDEN REACH.



- ✓ Detail engineering of a **55 MGD water treatment plant at UTTARPARA**, West Bengal, under KMDA. Client to **ASTER CONSULTANCY, VA Tech Wabag**. Client Consultant: **Jadavpur University**.



Project Photo:

55 MGD WATER TREATMENT PLANT AT UTTARPARA.



- ✓ Detail engineering of the **27 MGD Water Treatment plant at Rajpur-Sonarpur**, West Bengal, under KMDA. Client: **VA Tech Wabag**; Client Consultant: **Jadavpur University**.



Project Photo:

27 MGD WATER TREATMENT PLANT AT RAJPUR-SONARPUR.





- ✓ Preparation of the Detailed Project Report (DPR) for the **BHAGALPUR** Augmentation of Water Supply Scheme in **BHAGALPUR** through the **Ganga River** under the surface water-based W/S Scheme in the Bhagalpur District. Client: **Eastern Railway Malda.**



- ✓ Detail engineering of **5.5 MLD WTP at Kandra of Dhanbad** project under Jharkhand Urban Infrastructure Development Company Limited, Client: **L&T CONSTRUCTION** and Client Consultant: **NJS Engineering India Pvt. Ltd.**



5.5 MLD Water Treatment Plant

- ✓ Detail engineering of the **5.5 MLD Water Treatment Plant at Kandra and the 10 MLD Water Treatment Plant at Bhelatand for the Dhanbad** project, under Jharkhand Urban Infrastructure Development Company Limited, with Client: **L&T CONSTRUCTION** and Client Consultant: **NJS Engineering India Pvt. Ltd.**



10 MLD Water Treatment Plant



- ✓ Detail Engineering for the **69 MLD Water Treatment Plant** at the **Sankrail Water-Based Water Supply Scheme** under the Public Health Engineering Department (**PHED**). Client: **G.B. Construction**. Client Consultant : **IIT Kharagpur**.

Project Photo:

69 MGD WATER TREATMENT PLANT AT SANKRAIL.



69 MLD Water Treatment Plant



Admin Building

- ✓ Detailed Project Report (DPR) for Project Design and Management Consultant – Improving Readiness of Infrastructure Development Project in Chumukedima & Kiphire, Nagaland from SMEC (India) Pvt Ltd., a Surbana Jurong Company.
- ✓ Preparation of Detailed Project Report (DPR) for upgradation & augmentation of Water Treatment Plant of Baranagar-Kamarhati Joint Water Works at Kamarhati. Client: **Kolkata Metropolitan Development Authority (KMDA)**.



Project Photo:

BARANAGAR-KAMARHATI WATER TREATMENT PLANT.



- ✓ Detailed Project Report (DPR) and allied works for the construction of pavement roads and roadside drains, including ancillary works within **Golden City Industrial Township Authority (GCITA)** jurisdiction, Andal, Paschim Burdwan, West Bengal.

❖ **SEWAGE TREATMENT PLANT (STP): -**

- ✓ Detail engineering consultancy services were provided for **Sewage Treatment Projects** of **65 MLD** at **ARUPARA**, **60 MLD** at **BARANAGAR**, and **40 MLD** at **Bally STP** in West Bengal under KMDA. Client: **VA Tech Wabag**; Client Consultant: **Royal Haskoning DHV India and IIT Kharagpur**.



65 MLD STP AT ARUPARA



- ✓ Detail engineering consultancy services provided for the **Sewerage Treatment Project at Barrackpore, West Bengal, 6 MLD and 18 MLD STP under KMDA**. Client: **L&T CONSTRUCTION** and Client Consultant: **Jadavpur University**.

Project Photo:

6 MLD AND 18 MLD WATER TREATMENT PLANT AT BARRACKPORE.



6 MLD STP (BARRACKPORE)



18 MLD STP (BARRACKPORE)

- ✓ Detail engineering of **Design & Engineering for Allied Infrastructure Work at Maheshtala, West Bengal**. Client To Aster Consultancy **VISHVARAJ ENVIROMENT PVT. LTD (VEPL)**, Client Consultant: **Kolkata Metropolitan Development Authority**.

Project Photo:

PIPELINE PROJECT UNDER MAHESHTALA WATER TREATMENT PLANT.



LIFTING STATION OF MAHESHTALA PROJECT

OFFSHORE PROJECT “SEA WATER INTAKE”:

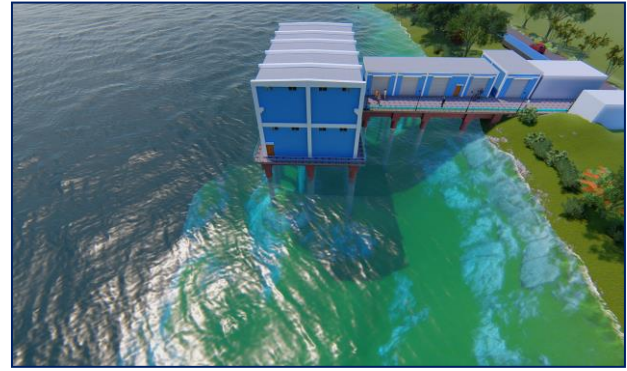
- ✓ Aster Consultancy has completed the detailed engineering consultancy services for the **Sea Water Intake Well in connection with the crude oil import terminal (COIT) project at Paradip, Odisha**. Client: **Indian Oil Adani Ventures Limited (IAVL)** and **Bridge & Roof Company (India) Limited**.

INTAKE & RAW WATER RISING MAIN: -

- ✓ Detail engineering of a **77 MLD-capacity intake at Maithon Dam under Jharkhand Urban Infrastructure Development Company Limited (JUIDCO)**, with client consultant **NJS Engineering India Pvt. Ltd**. Client to **ASTER CONSULTANCY L&T CONSTRUCTION**.



- ✓ Detail engineering of **77 MLD capacity intake at Maithon Dam under Jharkhand Urban Infrastructure Development Company Limited (JUIDCO)**, client consultant: **NJS Engineering India Pvt. Ltd.** Client to **ASTER CONSULTANCY L&T CONSTRUCTION.**
- ✓ Detail engineering consultancy services for the **RCC intake jetty, jetty-mounted raw water pump house and sub-station building for 11 MGD Raw Water Project at Chandan Nagar** as the showcase project with **KMDA**, client consultant: **Jadavpur University.**



RAW WATER INTAKE JETTY CUM PUMP HOUSE of 11 MGD INTAKE AT CHANDANNAGAR

- ✓ Detail engineering consultancy service for the civil and structural design of **3 intake-cum-pump houses at BADAMBA, NARSINGHPUR and JAGATSINGHPUR**, under the individual rural piped water supply project for **Cuttack/Jagatsinghpur districts**, on an EPC contract under Package II. Client: **L&T CONSTRUCTION.** Client Consultant: **Jadavpur University.**
- ✓ Detail engineering of the **steel structure for the 110 MGD Raw Water Pump House of the KMC Garden Reach Water Supply Project.** Client: **L&T LIMITED, CONSTRUCTION;** Client Consultant: **Jadavpur University and RITES Limited.**
- ✓ Detailed Engineering for the **Fixed-type Intake Jetty near Manikpur Ferry Ghat on the Hooghly River**, as part of the **69 MLD Water Treatment Plant within the Sankrail Water-Based Water Supply Scheme**, under the Public Health Engineering Department (**PHED**). Client: **G.B. Construction.** Client Consultant: **IIT Kharagpur.**

Project Photo:



INTAKE & RAW WATER PUMP HOUSE UNDER 69 MLD WTP.



❖ **SEWAGE PUMPING STATION (SPS): -**

- ✓ Detail Engineering for two (02) **Intermediate Sewage Pumping Stations (ISPS) on the north coastal belt, under the Public Works Department, Govt. of GOA.** Client: **Simplex Infrastructure Ltd.** Client Consultant: **NJS Engineering India Pvt. Ltd & RITES Limited.**
- ✓ Detail Engineering for a **sewage pumping station (SPS-C) at BILASPUR** under the Bilaspur Municipal Corporation. Client: **Simplex Infrastructure Ltd,** and Client Consultant: **Shah Technical Consultants Pvt. Ltd.**
- ✓ Detail engineering of the **Sewerage Project at Barrackpore, West Bengal, including 10 Sewage Pumping Stations and 2 Main Pumping Stations** under KMDA. Client: **L&T LIMITED, Construction;** Client Consultant: **Jadavpur University.**
- ✓ Detailed Engineering Consultancy Service for **Civil, Electro-Mechanical, Instrumentation and Structural Design-Drawing** for the Construction of a **Storm Water Drainage Pumping Station at Moila Depot (Trenching Ground),** with Ancillary Works, with Approval from the Recommended Authority/University/College for Borough-XV under the **Kolkata Municipal Corporation (KMC).**

❖ **GROUND LEVEL RESERVOIR (GLR): -**

- ✓ Detail engineering of **10 booster pumping stations across different blocks under the Mega Surface Water Based Water Supply Scheme for Falta- Mathurapur, District: South 24 Parganas, under PHED.** Client: **Simplex Infrastructure Ltd.** Client Consultant: **URS Scott Wilson & AECOM India Pvt. Ltd.**

✚ **Project Photo:**

3D Photo and Site of Ground Level Reservoir (GLR) of FALTA Site



3D Model and photo of GLR for FALTA Site

- ✓ Detail engineering of **an 8600 KL capacity GLSR at Dhanghi Hill under Jharkhand Urban Infrastructure Development Company Limited.** Client to **ASTER CONSULTANCY, L&T Construction.** Client Consultant: **NJS Engineering India Pvt. Ltd & RITES Limited.**

❖ **RETROFITING PROJECT:-**

- ✓ We have been providing design engineering consultancy services for the retrofitting work on the **61 MLD Water Treatment Plant at Balagarh, Hooghly.** Client: **GAJA Engineering PVT Limited;** Consultant: **Public Health Engineering Department (PHED), West Bengal.**

❖ **PIPING, PLUMBING, ROAD & STORM WATER DRAINS: -**

- ✓ Balance design engineering works for Piping, Plumbing, Road & Storm Water Drains for 10 GLR sites under PHED, West Bengal. Client: **Simplex Infrastructure Ltd.,** and Client Consultant: **URS Scott Wilson & AECOM India Pvt. Ltd.**



❖ **OVERHEAD RESERVOIR (OHR / OHT): -**

Aster Consultancy has been completed the detailed design engineering consultancy services for pile foundation design drawings approx. **100-200 Over Head Reservoir (OHR)** across several states under **the Public Health Engineering Department (PHED), Govt. of West Bengal.**

Completed Overhead Reservoir (OHR) under PHED Department.

SL No.	OHR Sites Name	Capacity	Division Name
1	PURBA BISHNUPUR	750 KL	South 24 Parganas W/S Division-I
2	NILAMBARPUR	450 KL	
3	BANESWARPUR	550 KL	
4	KHELARAMPUR	1450 KL	
5	KALIKAPOTA	600 KL	
6	JALABERIA	1250 KL	
7	MANDALERHAT	1250 KL	
8	DAKSHIN GARANKATI	1000 KL	
9	KATAMARI	1250 KL	
10	MADHYA GURGURIA	900 KL	
11	BINODPUR	1250 KL	
12	MAYAHOURI	1250 KL	
13	MADHUBELE	1000 KL	
14	GORDEWANI	1500 KL	
15	MONIRTAR	1250 KL	
16	RADHABALLAVPUR	900 KL	
17	NIMPITH	1000 KL	
18	KALIKAPOTA	1200 KL	
19	BAINCHBERIA SRICHANDA	750 KL	
20	EKTARA	1200 KL	
21	MALLICK PRATAP	1200 KL	
22	PUKURIA	1250 KL	South 24 Parganas W/S Division-I
23	UTTAR AKRABERIA	1000 KL	
24	DHOPA HAT	300 KL	
25	PURBA SRINAGAR	500 KL	
26	SHIBPUR	1250 KL	
27	NAYAPUKURIA	1250 KL	
28	NALGORA	1250 KL	
29	TENTULBERIA	1500 KL	
30	CHATTA KALIKAPUR	1500 KL	
31	GANNEY GANGADHARPUR	1250 KL	
32	RAJBALLAVPUR	1000 KL	



Overhead Reservoir





Overhead Reservoir (OHR) Under P.H.E.D:

Aster Consultancy has completed 42 OHT design drawings of the following sites under PHED, Govt. of West Bengal:

Boria (600 KL), Paschim Gansingber (600 KL), Moukhali (350 KL), Paschim Gobindapur (1000 KL), Kamarpole (600 KL), Paschim Gopal Nagar (600 KL), Baneswarpur (1000 KL), Netra (900 KL), Atkrishnarampur (400 KL), Kuleswar (600 KL), Mongrajpur (250 KL), Akrapanji (1250 KL), Bhaduria (1500 KL), Karimnagar (900 KL), Ramnagar (700 KL), Sitarampur (1000 KL), Gobindapur (1000 KL), Arun Nagar (1500 KL), Lakshmiipur (600 KL), Simulberia (900 KL), Uttar Iswaripur (550 KL), Dholtikari (1250 KL), Khardha (900 KL) Banga Nagar (600 KL), Sankarpur- Zone-I (250 KL), Sankarpur- Zone-III (250 KL), Sankarpur- Zone-V (250 KL), Kanpur-Zone-IV, Kanpur Zone-V (250 KL), Kiarana (350 KL), Gokul Nagar (300 KL), Uttar Chandra Chak (300 KL), Gouranga Chak (200 KL), Gobradan (250 KL), Radha Ballabh Chak (300 KL), Tilkhoja (350 KL), Amritberya PWSS (450 KL), Jaynagar (350 KL), Uttar Gopalpur (300 KL), Asti Chak (300 KL).



Over Head Reservoir

We have also completed 15-20 numbers Over Head Reservoir of **16.42 MLD** and **9.23 MLD WTP** sites at **KENDRAPADA**, the **13.04 MLD WTP** site at **JAGATSINGHPUR**, and the **8.71 MLD WTP** site at **JHARSUGUDA**, under **L&T Limited, Construction**.

PIPE CARRYING BRIDGES: -

- ✓ Detail engineering of **pipe bridge crossing, structural beams/channel over concrete pedestal for various span types at Nandigram (I & II) under PHED, Govt. of West Bengal.** Client: **L&T CONSTRUCTION**.
- ✓ **Aster Consultancy** has completed 20 (Twenty) **pipe bridges in South 24 Parganas under PHED, West Bengal.** Client: **Simplex Infrastructure Ltd.;** Client Consultant: **URS Scott Wilson & AECOM India Pvt. Ltd.**

Project Photo:

STRUCTURAL PIPE BRIDGES OF FALTA-MATHURAPUR PROJECT



STRUCTURAL PIPE BRIDGE FOR FALTA MATHURAPUR PROJECT

- ✓ **Aster Consultancy** has completed 8 (Eight) **Pipe Bridges in North 24 Parganas under PHED, West Bengal.** Client: **VA Tech Wabag.** Client consultant: **URS Scott Wilson & AECOM India Pvt. Ltd.**



- ✓ Detail engineering of **pipe cross bridges for the water supply project at Habra- Gaighata under PHED, West Bengal.** Client to **ASTER CONSULTANCY, VA Tech Wabag.** Client Consultant: **WAPCOS Limited.**

❖ **ASSESSMENT STUDY:-**

- ✓ Design & Engineering for Lifting Station 2, Lifting Station 2A, and I&D of the New Moni Khali Khal allied infrastructure work at Maheshtala, West Bengal. Client to **ASTER CONSULTANCY VISHVARAJ ENVIRONMENT PVT. LIMITED.** Client Consultant: **Kolkata Metropolitan Development Authority (KMDA) & IIT Kharagpur.**
- ✓ Preparation and submission of a **physical assessment study of the existing lifting and main pumping stations for 65 MLD ARUPARA, 60 MLD Baranagar and 40 MLD Bally, under KMDA.** Client to **ASTER CONSULTANCY, VA Tech Wabag.** Client Consultant: **Royal Haskoning DHV India.**



ASSESSMENT STUDY AT HOWRAH STP

❖ **AMRIT BHARAT STATION DEVELOPMENT SCHEME:**

- ✓ Technical consultancy services for a feasibility study, master planning, urban design, engineering, and the preparation of a technical feasibility report (TFR), along with detailed estimation and BOQ, for the Phase-I **redevelopment of Kalyani (KYI) Station of Sealdah Division under the Amrit Bharat Station Development scheme of Eastern Railway.**



NEW LOOK OF KALYANI STATION AFTER REDEVELOPMENT

❖ **FOOT OVER BRIDGE (FOB) UNDER EASTERN RAILWAY (ER):**

- ✓ Preparation of General Arrangement drawings, structural evolution, and structural design for **12M Wide Foot Over Bridges (FOBs)** for Sahibganj, Sultanganj, Kahalgaon, Pirpainti, Malda Town, New Farakka, and Jamalpur stations of MALDA Division under the **Amrit Bharat Mission Scheme, Eastern Railway.**
- ✓ Preparation of General Arrangement drawings, structural evolution, and structural design of **3.3M Wide Foot Over Bridges (FOBs)** for Gonudham Halt, Panjwara Road, Kurmahat Halt and Gangwara Halt stations of MALDA Division.



❖ **LIMITED HEIGHT SUBWAY (LHS) UNDER EASTERN RAILWAY (ER):**

- ✓ Preparation of the General Arrangement drawing, along with Topographical Survey and Geotechnical Investigation, for 8 Nos Limited Height Subway (LHS) under Howrah Division, Eastern Railway.

❖ **PIPED WATER SUPPLY SCHEME OF JJM PROJECT UNDER PHE DEPARTMENT:**

- ✓ Preparation and submission of the Detailed Project Report for 25 Ground Water Based Piped Water Supply Schemes in the **BARUIPUR PASCHIM** Assembly Constituency of **BARUIPUR Block**, under the Surface Water Based Water Supply Scheme for arsenic-affected areas of South 24-Pgns. District. **Client: Public Health Engineering Department (W/S Div-I).**
- ✓ Preparation of a Detailed Project Report for various works to provide Functional Household Tap Connections by augmenting 26 Water Supply Schemes across different blocks under Tamluk Division, PHED, Purba Medinipur. **Client: PHED.**

❖ **THERMAL POWER PLANT: -**

- ✓ Detail Engineering Drawings for **“ETP & WTP units** for Sagar Dighi Thermal Power Plant Extension Project for Units-3 & 4 (2 X 500 MW) Phase-II Plant Water System under Phase-II (2 x 500 MW) unit 3 & 4” under WBPDC. Client: DVWS & L&T CONSTRUCTION, and client consultant: Development Consultant Private Limited (D.C.P.L).
- ✓ Detail engineering of a 2.5 km pipe rack design for the water supply job in the Sagar Dighi Thermal Power Extension Project, Phase-II (2 x 500 MW), units 3 and 4, under WBPDC. Client: DVWS and L&T CONSTRUCTION. Client Consultant: Development Consultant Private Limited (D.C.P.L).
- ✓ Detail engineering for the water package (PT, DM & ETP) for the Sagar Dighi Thermal Power Extension Project, Phase-II (2 x 500 MW), units 3 & 4, under WBPDC. Client: DVWS & L&T CONSTRUCTION. Client Consultant: Development Consultant Private Limited (D.C.P.L).

❖ **PRE-BID ENGINEERING WORK: -**

- ✓ Completed the **pre-bid-stage** engineering consultancy services, including civil and electromechanical design drawings and a BOQ, for the **95 MLD WTP at Parwan W/S Project Package II, Rajasthan.** Client: **L&T Limited, Construction.**
- ✓ Prebid Engineering stage job for the **Lift Irrigation & Underground Pipeline (UGPL) Project, based on the rivers KANHAR and SONE**, for the Waterways Division, GARHWA, GOVERNMENT OF JHARKHAND, Water Resources Department.
- ✓ Pre-bid work in Civil, Structural & Electro-Mechanical detail engineering for the **Tolly Nallah project** under the Kolkata Municipal Corporation. Client: **L&T CONSTRUCTION**; Client Consultant: **Public Health Engineering Dept.**
- ✓ Pre-bid consultancy for the **direct and indirect Water Systems of Bar Mill, CCM and LHF for JSW Steel Plant, Dolvi Works.** Client to ASTER CONSULTANCY THERMAX LIMITE.
- ✓ Pre-bid Engineering for the **Civil BOQ and Costing Preparation for the ESR Tender for the Metal Steel Factory - Ichapur.**

We have also completed the pre-bid stage engineering of civil & Electro-Mechanical design drawings of: -

I). 50 MLD Sewage Treatment Plant (STP) on a DBOT basis for Skipper Limited.

II).30 MLD STP at Sonarpur, Rania, Under KEIIP, Package-3, for Skipper Limited.

III).40 MLD Capacity Sewage Treatment Plant at JOKA, Under KEIIP for Skipper Limited.

IV). 20 MGD WTP at DHAPA, under KMC for ITD Cementation India Limited, and 69 MLD Capacity Water Treatment Plant at SANKRAIL, based on a water supply scheme from the River Hooghly in the district of Howrah, under the PHE Dept. Client: ITD Cementation India Limited.

V). Prebid Engineering Consultancy service for 16 MLD and 2 MLD WTP at Nagda, MP, under Swach Environment Pvt. Ltd.



VI). Prebid Engineering Consultancy service for 14 MLD WTP at Katwa and Murshidabad for KMDA under Swach Environment Pvt. Ltd.

VII). Pre-bid Consultancy Services for the ISS project at the Jamutpali and Tustapali Sites under **Intercontinental Consultants** and Technocrats Pvt. Ltd.

VIII). Prebid Engineering Consultancy service for Water Treatment System with Back Wash water recycling system for improvement of the quality of water supplied to residential zone at Haldia township under Haldia dock complex under Swach Environment Pvt. Ltd.

❖ **INDUSTRIAL PROJECTS:**

- ✓ Detail design of **ECR and substation building for the Steel Plant at Bokaro of Electro-steel Pvt. Ltd.**, Client Consultant: CET
- ✓ Design and development of Fabrication Drawings and Bill of Materials for **Mainline and Booster Pump Sheds at Haldia and Bolpur under the Paradip - Haldia - Barauni Pipeline augmentation Project of IOCL**, Pipeline Division.
- ✓ Detail Engineering of the **Right-Hand Arc Furnace, Transformer, and SVC & Control Room Building at NF Forging, Shakrail Industrial Park.**
- ✓ Detail Engineering of the **Expansion Project in Usha Martin Ltd.**
- ✓ Detail engineering of the proposed **SMS building, SVC building, pump house and OHT for the 20/22-ton electric arc furnace, Metal Steel Factory - Ichapur.**
- ✓ Detail Engineering drawing for **5-ton-capacity Direct Arc Melting Furnace, Sub-Station, VCB, etc., for NF Forging Pvt. Limited** project at Howrah Industrial Park.

❖ **RESIDENTIAL / COMMERCIAL & OFFICE / HOTELS & SCHOOLS PROJECT:**

- ✓ Civil & Structural Design of the Proposed **G.D. Birla School Complex at Bhubaneswar**, client **Aditya Birla Management Corporation Pvt. Lit, Mumbai** (Architect S.K. Chatterjee & Associates).
- ✓ Civil & Structural Design of **Proposed Residential Housing Complex at Madhyamgram** (Architect ATELIER).
- ✓ Civil & Structural Design Engineering for a **G+7-storied Residential Building at Fort William, Kolkata (Client MES).**
- ✓ Civil & Structural **Design of the Proposed Reception and Waiting Lounge at Tilabari, District – Jalpaiguri, under WEST BENGAL TOURISM DEVELOPMENT CORPORATION LIMITED** (Architect S.K. Chatterjee & Associates).
- ✓ Civil & Structural Design of the Proposed **Club House at Rishra, Hooghly, Client Jayashree Textile** (Architect S.K. Chatterjee & Associates).
- ✓ Civil & Structural Design of the Proposed **Electrical Sub-Station at the Maldah Tourist Lodge, WEST BENGAL TOURISM DEVELOPMENT CORPORATION LIMITED** (Architect: S.K. Chatterjee & Associates).

❖ **GEOTECHNICAL INVESTIGATION & SURVEY WORKS:**

- ✓ Preparation of Geotechnical Investigation for 6m Foot Over Bridges at Jangipur Road, Dhuliyanganga, Shivanarayanpur, Sabour, Godda, Banka & Munger of Malda Division, Eastern Railway, under the Amrit Bharat Mission Scheme.

❖ **EMPANELMENT WITH GOVERNMENT AUTHORITY:**

- ✓ Proposal in connection with the Empanelment of Consultancy Service for the preparation of DPRs for the Piped Water Supply Project throughout the Odisha Government of India.
- ✓ Proposal in connection with the empanelment of consultancy services for the **Amrit Bharat Station Development scheme**, Eastern Railway, GSU, Malda Division.



- ✓ Empanelment of Architects/Architectural Firms/Consultant Firms to provide architectural and real estate consultancy services for the development of a station in the **Khurda Road division under the Amrit Bharat Station Development scheme, Eastern Railway.**
- ✓ Empanelment of Architects/Architectural Firms/Consultant Firms to provide architectural and real estate consultancy services for the development of a station in the Sealdah **division under the Amrit Bharat Station Development scheme of the Eastern Railway.**
- ✓ Empanelment with the **Kolkata Municipal Corporation (KMC)** to provide design engineering services as a Consultant for the Government of West Bengal.
- ✓ Empanelment with the **Kolkata Metropolitan Development Authority (KMDA)** to provide design engineering services as a Consultant to the Government of West Bengal.

PART- B: **:OUR USES SOFTWARES & LOGISTICS:**

SOFTWARES:

- 1) STAAD Pro.
- 2) WATER GEMS
- 3) ZWCAD
- 4) WINDOWS 10.
- 5) STAAD AID. (For column design & ductile design).
- 6) CASTER. (Reinforcement of beam).
- 7) ADC. (Coefficient of IS 3370 for design of water retaining structure).

PRINTER & LOGISTICS:

1. A0 Capacity Black & Which Plotter & Printer (Combo): 2 Nos.
2. A1 Capacity Colour Plotter : 3 Nos.
3. A0 Capacity Scanner : 1 Nos.
4. A3 Capacity JUMBO Printer cum Scanner : 3 Nos.
5. A4 Capacity Printer : 3 Nos.



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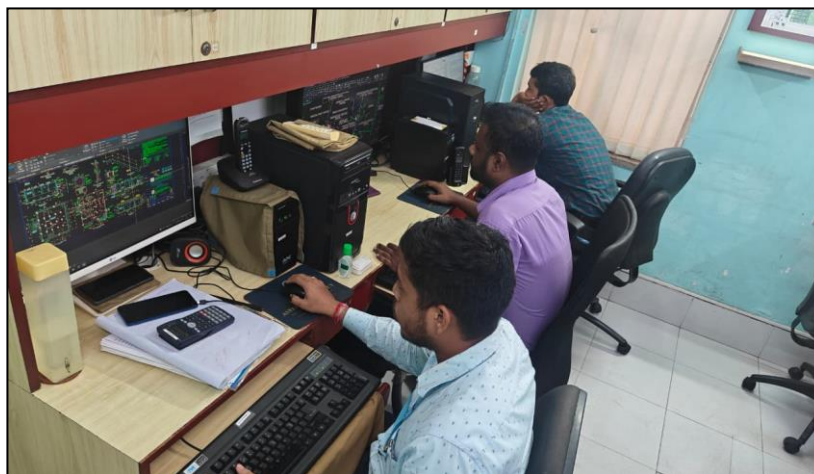
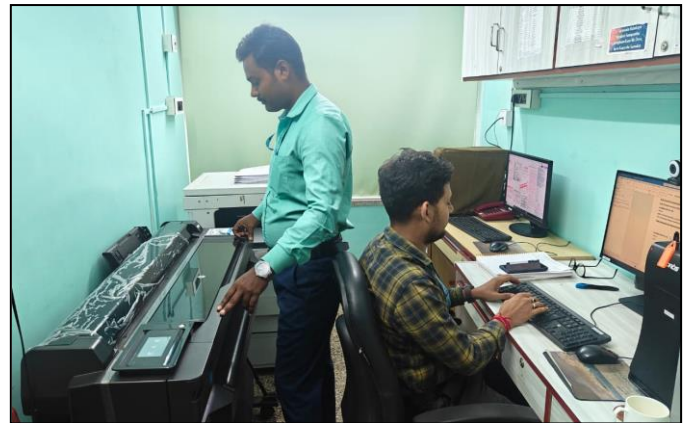
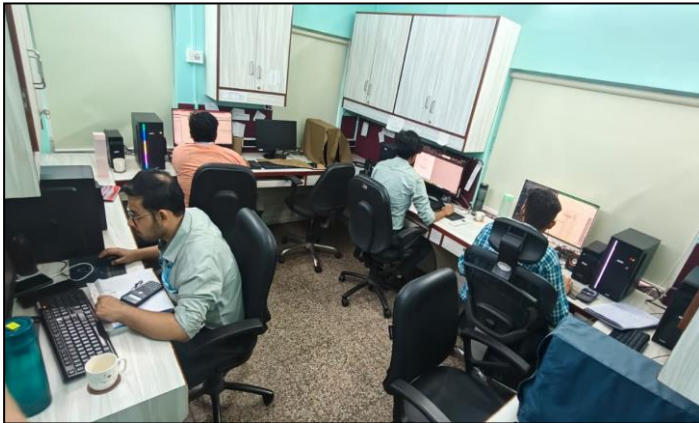
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Office Photo:





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Thank you



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10-0002295**



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Detailed Engineering Consultant of Water Treatment Plant, Sewage Treatment Plant, Power Plant, Steel Plant, Distribution system, Roads & Bridges.