

NATIONAL MISSION FOR CLEAN GANGA (NMCG)

MINISTRY OF JAL SHAKTI DEPARTMENT OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION, GOVT. OF INDIA



जल शक्ति मंत्रालय
जल संसाधन, नदी विकास और गंगा संरक्षण विभाग
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION

DEVELOPMENT OF NEW SEWAGE TREATMENT PLANTS,
REHABILITATION OF EXISTING SEWAGE TREATMENT
INFRASTRUCTURE AND O&M FOR 15 YEARS IN KANPUR

UNDER

ONE CITY ONE OPERATOR CONCEPT THROUGH HYBRID ANNUITY
BASED PPP MODE (HAM – KANPUR)

(STC agreement dated 19.04.2019 & LOA: Pr-12012/41/2018-PPP/NMCG dated 04.02.2019)

Monthly Progress Report

Of

Project Engineer

November - 2022



Executing Agency
Uttar Pradesh Jal
Nigam
Benajhabar Road,
Kanpur
Uttar Pradesh -
208002



Funding Agency
National Mission for
Clean Ganga
MoWR, River
Development & Ganga
Rejuvenation,
New Delhi



Project Engineer
Shah Technical
Consultant Pvt. Ltd.
117/231 O block,
Geeta Nagar
Kanpur
Uttar Pradesh - 208025



Concessionaire
Kanpur River Management
Pvt. Ltd.
Flat no 101,
1st Floor, 3/83, Vishnupuri,
Kanpur, Uttar Pradesh -
208002

TABLE OF CONTENTS

CONTENTS

MONTHLY PROGRESS REPORT – HAM KANPUR	5
1. INTRODUCTION	5
2. HYBRID ANNUITY MODEL (HAM).....	6
3. OBJECTIVES.....	6
4. HAM KANPUR PROJECT AT A GLANCE	7
5. PROJECT WISE DETAILS OF COMPONENTS UNDER HAM KANPUR PROJECT	8
5.1 PANKHA FACILITIES.....	8
5.2 UNNAO FACILITIES.....	9
5.3 SHUKLAGANJ STP FACILITIES	9
5.4 JAJMAU (PHASE I) FACILITIES.....	10
5.5 JAJMAU PHASE II STP FACILITY	10
5.6 BINGAWAN FACILITIES.....	11
5.7 SAJARI FACILITIES.....	11
6. PHYSICAL PROGRESS OF WORK	12
6.1 MILESTONE WISE ACTIVITIES AND PROGRESS: PANKHA STP FACILITIES.....	14
6.2 DETAIL OF BALANCE / PENDING WORKS STATUS	15
6.3 MILESTONE WISE ACTIVITIES AND PROGRESS: UNNAO STP.....	41
6.4 DETAIL OF BALANCE / PENDING WORKS STATUS	42
6.5 MILESTONE WISE ACTIVITIES AND PROGRESS: SHUKLAGANJ STP	65
7. PRESENT STATUS AND ISSUES OF EXISTING STPS.....	98
7.1 JAJMAU (PHASE – 1) 130 MLD STP AND IPS REHABILITATION	98
7.1.1 ISSUES & STATUS OF PENDING COMPLIANCE OF 130 MLD JAJMAU PHASE I	99
7.2 43 MLD JAJMAU PHASE II	141
7.3 210 MLD BINGAWAN STP	146
7.3.1 ISSUES & STATUS OF PENDING COMPLIANCE OF BINGAWAN STP:	146
7.4 42 MLD SAJARI FACILITIES (O&M)	149
7.4.1 ISSUES & STATUS OF PENDING COMPLIANCE OF BINGAWAN STP:	149
8. CONCESSIONAIRE’S PENDING REPRESENTATION / SPECIFIC IMPROVEMENT IN QUALITY.....	151
9. STATUS OF BEP & OTHER DETAILS.....	152

LIST OF TABLES

Table 2.1	:	HAM Kanpur Project at a Glance
Table 5.1	:	Pankha Facilities
Table 5.2	:	Unnao Facilities
Table 5.3	:	Shuklaganj Facilities
Table 5.4	:	Jajmau Facilities
Table 5.5	:	Bingawan Facilities
Table 5.6	:	Sajari Facilities
Table 6.1	:	Milestone Wise Activities And Progress: Pankha STP Facilities
Table 6.2	:	Milestone Wise Activities And Progress: Unnao STP Facilities
Table 6.3	:	BEPs and other details

LIST OF FIGURES

Figure 1	:	Objectives of NMCG and UP JAL NIGAM
----------	---	-------------------------------------

ABBREVIATIONS

ASP	Activated Sludge Process
BEP	Basic Engineering Package
BOD	Biochemical Oxygen Demand
CETP	Common Effluent Treatment Plant
COD	Chemical Oxygen Demand
COD	Commercial Operation Date
CPs	Condition Precedent
CTE	Consent To Establish
CTO	Consent to Operate
DFGs	Dual Fuel Generators
DPR	Detailed Project Report
ESHS	Environment, Social, Health And Safety
GOI	Government of India
HAM	Hybrid Annuity Model
I&D	Interception & Diversion
IPS	Intermediate Pumping Station
KPIs	Key Performance Indicators
KRMPL	Kanpur River Management Private Limited
LOA	Letter of Award
MOM	Minutes of Meeting
MPS	Main Pumping Station
O&M	Operation and Maintenance
PLC	Programmable Logic Control
PMC	Project Management Consultant
PDD	Proposal Due Date
PDMC	Project Development and Monitoring Consultant
PPP	Public Private Partnership
QAP	Quality Assurance Plan
RFP	Request for Proposal
RTU	Remote Terminal Unit
RTOLMS	Real Time Online Monitoring System
TOR	Terms of Reference
SBR	Sequential Batch Reactors
STP	Sewage Treatment Plant
TEPH	Treated Effluent Pump House
UASB	Up-Flow Anaerobic Sludge Blanket Reactor

MONTHLY PROGRESS REPORT – HAM KANPUR

1. INTRODUCTION

The Govt. of India, recognizing that long-term rejuvenation of the river Ganga will have significant social and economic benefits on the lives of the 500 million people living along its basin, has identified cleaning of the river Ganga as one of its priorities. For this purpose, in May 2015, the GoI approved the flagship Namami Gange program for cleaning, rejuvenation, and protection of the river Ganga. In January 2016, the GoI approved a hybrid annuity model to implement STP projects under the Namami Gange program on a PPP basis.

Subsequently, the MoWR issued the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (Ganga 2016 Order) to constitute various authorities to assist the GoI in achieving its aim of effective abatement of pollution in the river Ganga. The Ganga 2016 Order applies to all states in the catchment of the river Ganga basin, including Uttar Pradesh. The Ganga 2016 Order revised the legal status of NMCG (which was initially constituted as a registered society under the Societies Registration Act, 1860) to an authority constituted under the Environment (Protection) Act, 1986 and designated NMCG as the nodal agency for the implementation of the Ganga 2016 Order.

Rapidly increasing population, rising standards of living and exponential growth of industrialization and urbanization have exposed water resources, in general, and rivers, in particular, to various forms of degradation. The mighty Ganga is no exception. The deterioration in the water quality impacts the people immediately. Ganga, in some stretches, particularly during lean seasons has become unfit even for bathing. The threat of global climate change, the effect of glacial melt on Ganga flow and the impacts of infrastructural projects in the upper reaches of the river, raise issues that need a comprehensive response.

The Uttar Pradesh Jal Nigam (Jal Nigam) is a statutory body constituted under the Uttar Pradesh Water Supply and Sewerage Act 1975, and has the power to develop, maintain and regulate water supply and sewerage works in Uttar Pradesh. With a view to implement the Namami Gange program and the Ganga 2016 order in the State of Uttar Pradesh, the Jal Nigam, in association with NMCG has decided to undertake the development of:

- three new STP facilities (30 MLD Pankha, 15 MLD Unnao & 5 MLD Shuklaganj) and their O&M for 15 years;
- rehabilitation of existing 130 MLD Jajmau Phase-I STP facility with O&M for 15 years and;
- O&M for three existing STP facilities (43 MLD Jajmau Phase-II, 210 MLD Bingawan & 42 MLD Sajari) in Kanpur under Hybrid Annuity based PPP mode.

While the Jal Nigam will be the principal executing agency and bidding authority for the Project, NMCG will be responsible for making payments to the Concessionaire and Project Engineer.

2. HYBRID ANNUITY MODEL (HAM)

Government of India has approved the Namami Gange program as an integrated approach for effective abatement of pollution in river Ganga and Yamuna. As part of this and to ensure that no untreated domestic sewage flow into the river Ganga and Yamuna, various interventions are planned such as Interception & Diversion works and development & operation of Sewage Treatment Plants (STPs).

Considering various development models in practice for the construction, operation and maintenance of Sewage Treatment Plants, Government of India has approved the Hybrid Annuity based Public Private Partnership (PPP) mode as one of the options for the development & operation of STPs. Under this model, private investor/developer will design, build, finance, construct, rehabilitate, renovate, operate and maintain the asset (STPs, IPS, and MPS) to the Project Executing Agency/Jal Nigam at the end of the Concession Period (15 years). 40% of the Capital cost will be paid to the developer during construction of the STP. Balance 60% along with Operation & Maintenance (O&M) cost will be paid over the Concession Period on achievement of key performance indicators as per the contract. Entire cost of development and operation of the STPs will be 100% funded by the Government of India as central sector scheme.

NMCG & UPJN appointed M/s. Shah Technical Consultant Pvt. Ltd., as third party engineering firm as Project Engineer for this project through tendering process. Letter of Award is issued dated 4th February 2019 and agreement signed between the parties on 12th April 2019.

3. OBJECTIVES

To achieve above objectives, effective development of three new STP facilities at Pankha, Unnao and Shuklaganj with O&M for 15 years, rehabilitation of existing Jajmau 130 MLD STP with O&M for 15 years and O&M of existing 210 MLD USAB based Bingawan STP facilities, 43 MLD Jajmau and for 42 MLD Sajari STP facilities for 15 years are proposed under this program. The objectives that NMCG and the UP Jal Nigam wish to achieve through the Project are mentioned in Figure 1.

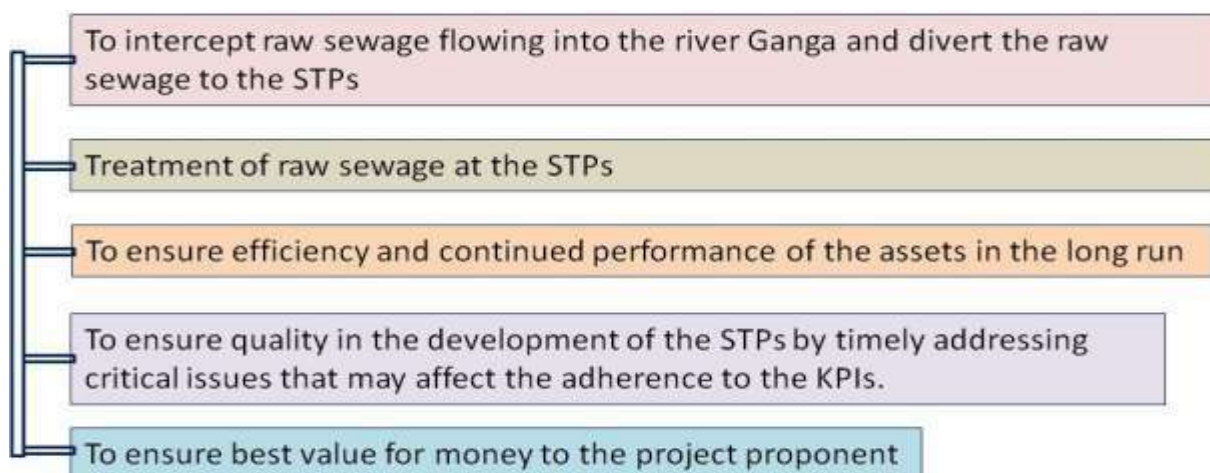


Figure 1: Objectives of NMCG and UP JAL NIGAM

4. HAM KANPUR PROJECT AT A GLANCE

Details of HAM Kanpur project are given in the following table:

Table 2.1: HAM Kanpur Project at a Glance

Name of Project	:	Development of new Sewage Treatment Plants and O&M for 15 years, Rehabilitation of existing Sewage Treatment Infrastructure and O&M for 15 years in Kanpur under One City One Operator concept through Hybrid Annuity based PPP mode. (HAM – Kanpur)
Client	:	National Mission for Clean Ganga (NMCG), New Delhi and UP Jal Nigam
Execution Agency	:	Uttar Pradesh Jal Nigam (UPJN)
Consultant	:	Shah Technical Consultants (P) Ltd. as ‘Project Engineer’
Agreement & LOA	:	STC Agreement dated 12.04.2019 & LOA: Pr-12012/41/2018-PPP/NMCG dated 04.02.2019
Concessionaire	:	Kanpur River Management Private Limited (KRMPL) an SPV of Shapoorji Pallonji & Company Private Limited, Mumbai
Concessionaire’s Agreement	:	14/GM/2018-19 dated 21.12.2018
Cost of Project (CAPEX+OPEX)	:	Rs. 816.25 Cr. (CAPEX 255.50 Cr. + OPEX 560.75 Cr.)
Effective Date	:	11.10.2019
Completion date (as per contract)	:	24 Months from effective date (21 months construction + 3 months trial run)
O&M period	:	15 years after last Commercial Operation Date (COD)
Description of Work	:	<ul style="list-style-type: none"> ➤ Construction of three new STPs (SBR) at different locations (30 MLD at Pankha, 15 MLD at Unnao and 5 MLD STP at Shuklaganj) and related infrastructure with 15 years of O&M; ➤ Rehabilitation of 130 MLD (Phase-I) STP at Jajmau with construction of 200 MLD TEPS and 173 MLD CCT at Jajmau with O&M for 15 years; ➤ O&M of 43 MLD (Phase-II) Jajmau facilities, O&M of 210 MLD Bingawan facilities and O&M of 42 MLD Sajari facilities for 15 years;

5. PROJECT WISE DETAILS OF COMPONENTS UNDER HAM KANPUR PROJECT

HAM Kanpur project is divided into 5 districts of the Kanpur– Pankha (District –III, Kanpur), Unnao & Shuklaganj – (District Unnao), Jajmau – (District I, Kanpur), Bingawan – (District II, Kanpur) and Sajari – (District IV, Kanpur).

Under this project, development and O&M work of total seven STP facilities are proposed in which three new STP facilities based on SBR technology with associated infrastructure have been proposed for - 30 MLD Pankha (District III, Kanpur), 15 MLD Unnao&5 MLD Shuklaganj.

Rehabilitation and O&M for 15 years is proposed for 130 MLD Jajmau STP facilities (Phase-I) and O&M of 210 MLD USAB based Bingawan STP facilities, 43 MLD Jajmau Phase-II and for 42 MLD ASP based Sajari STP facilities for 15 years.

5.1 PANKHA FACILITIES

Project wise components details of Pankha Facilities are given in table 5.1:

Table 5.1: Pankha Facilities

SN	STP Facility	Capacity/Dia./Size	Nos./Length
Date of Start- Effective Date (11.10.2019)			
Scope of Work- New Construction and O&M			
1	STP	30 MLD	1
2	MPS	115MLD	1
3	ICI Nala IPS	25 MLD	1
4	Sundar Nagar	20 MLD	1
5	Thermal Nala (A) tapping	22 MLD	1
6	Thermal Nala (B)(tapping)	8 MLD	1
7	ICI Nala (tapping)	7.85 MLD	1
8	Rising main (IC Nala IPS to collection chamber)	800mm-φ	6.450 km
9	Rising main (Sundar Nagar IPS to collection chamber)	800mm-φ	0.547 km
10	Common Gravity main (collection chamberto MPS)	2000mm- φ	1.948Km
11	Sewer network	16.624 km	
		350mm-φ	2.258 km
		400 mm-φ	0.611 km
		450 mm-φ	0.704 km
		500 mm-φ	0.718 km
		600 mm-φ	1.046 km
		700 mm-φ	1.079 km
		800 mm-φ	3.226 km
		900 mm-φ	1.171 km
		1000 mm- φ	0.060 km
		1200 mm-φ	2.290 km
		1600 mm-φ	1.635 km
		2000 mm-φ	1.826 km
12	Manhole		308 nos.

5.2 UNNAO FACILITIES

Project wise components details of Unnao Facilities are given in table 5.2:

Table 5.2: Unnao Facilities

SN	STP Facility	Capacity/Dia./Size	Nos./Length
Date of Start- Effective Date (11.10.2019)			
Scope of Work- New Construction and O&M			
1.	STP	15 MLD	1
2.	Sump cum Pump house (MPS)	40 MLD	1
3.	I&D works (Nala tapping)	90 MLD	1
4.	Trunk Sewer	1200mm ϕ	3.6Km
5.	Manholes		46 nos.
6.	Rising main (MPS to STP)	750mm ϕ	100m
7.	Rising main (bypass)	750mm ϕ	100m
8.	Effluent gravity channel (STP to discharge point)	1.5m x1.0m	300m
9.	Effluent disposal drain	700mm	570m

5.3 SHUKLAGANJ STP FACILITIES

Project wise components details of Shuklaganj STP are given in table 5.3:

Table 5.3: Shuklaganj Facilities

SN	STP Facility	Capacity/Dia./Size	Nos./Length
Date of Start- Effective Date (11.10.2019)			
Scope of Work- New Construction and O&M			
1.	STP	5 MLD	1
2.	Sump cum Pump house (MPS)	20 MLD	1
3.	Connecting sewer (in zone 2)	400-500mm ϕ	200m
	Effluent Disposal line	400mm ϕ	310m
	(I&D to STP)	600mm ϕ	430m
	I&D works (Nala tapping)	45 MLD	1
4.	Collection chamber	3.5mx3.6mx1m	1
5.	Rising main (MPS to STP)	500mm ϕ	50m
6.	Rising main (bypass)	500mm ϕ	50m
7.	Effluent channel (STP to discharge point)	1.5m x1m	100m

5.4 JAJMAU (PHASE I) FACILITIES

Project wise components details of Jajmau are given in table 5.4:

Table 5.4: Jajmau Facilities

SN	STP Facility	Capacity/Dia./Size
Date of Start- Effective Date (11.10.2019)		
Scope of Work- Renovation and O&M		
1	STP (ASP) with power Generation	130 MLD
2	Sump cum Pump house (TEPH)	200 MLD
3	CCT	173 MLD
4	Nawabganj IPS	14.35 MLD
	PH1	5.35 MLD
	PH2	9 MLD
7	Parmat IPS	66.67 MLD
	PH1	32.83 MLD
	PH2	21.6 MLD
	PH3	12.4 MLD
11	Baba Ghat / Muar mill IPS	7.42 MLD
	Guptar Ghat IPS	1.44 MLD
	Jajmau CSPA	129.6 MLD

5.5 JAJMAU PHASE II STP FACILITY

Project wise components details of Jajmau Phase II are given in table 5.4:

SN	STP Facility	Capacity/Dia./Size
Date of Start- Effective Date (11.10.2019)		
Scope of Work- Renovation and O&M		
1	Khalasi Lane IPS	50.69 MLD
2	Sanjaypuram IPS	4.03 MLD
3	Jajmau MPS	25 MLD

5.6 BINGAWAN FACILITIES

Project wise component detail of Bingawan is given in table 5.5:

Table 5.5: Bingawan Facilities

SN	STP Facility	Capacity/Dia./Size
Schedule Handing Over Date- 01.04.2019		
Scope of Work- Renovation and O&M		
1	STP (USAB)	210 MLD
2	Installation of online monitoring system (RTOLMS)	
3	Bingawan MPS	200 MLD
4	Rakhimandi IPS	108 MLD
5	Halwakhanda IPS	69.12 MLD
	Munshipurwa IPS	18.79 MLD
7	Sisamau Nala (tapping)	8 MLD

5.7 SAJARI FACILITIES

Project wise component detail of Sajari is given in table 5.6

Table 5.6: Sajari Facilities

SN	STP Facility	Capacity/Dia./Size
Schedule Handing Over Date- 11.10.2019		
Scope of Work- O&M for 15 years		
1	STP on ASP Technology	42 MLD
2	MPS	42.24 MLD
3	Chakeri IPS	14.33 MLD
4	Sanigawan IPS	14.33 MLD

6. PHYSICAL PROGRESS OF WORK

As per the provision of Concessionaire Agreement, effective date of the project was to be declared before 19th April 2019. Effective date for work execution under HAM Kanpur project was declared on 11th October 2019. Hence, work related to construction / execution of new STP facilities and related infrastructure started after effective date i.e.

- i. transfer of land for STP in Pankha from KDA;
- ii. permission of laying of sewer line along road in Pankha from KDA;
- iii. Unnao & Shuklaganj and renovation of existing facilities i.e. Jajmau 130 MLD.

The overall physical progress of the facilities have been taken in the same proportion as financial progress as per milestones in approved Construction Plan. Overall progress can be monitored as project works have been divided in eight milestones each having progress of 12.5%. Execution of works of new STP facilities and O&M of existing facilities were hampered because of COVID-19 pandemic. Nationwide lockdown was imposed in April 2020 to June 2020 due to which work progress was affected severely. Again in April 2021, due to second wave of COVID-19 progress of work was again affected as majority of workers, staff and officials were affected by the second wave of COVID pandemic.

Once process of unlock started, the Concessionaire was asked to speed up the work. The Concessionaire submitted revised construction plans for new STP construction facilities compensating relevant construction milestone works with extended timeline. Originally, the scheduled date of project completion was 10th October 2021 i.e. 24 months from the effective date. But due to COVID pandemic and heavy rainfall during monsoon season of 2021, milestone works were lagging far behind the schedule. On dated 03.09.2021, in the JMD UPJN meeting, new target date for completion of balance works of Pankha and Unnao STPs was given i.e. 15th Dec. 2021. But the works of these STPs couldn't be completed on 15th Dec. 2021 due to inadequate deployment of manpower and poor work planning / lack of double shift working at these facilities. In the NMCG meeting dated 30.12.2021, the Concessionaire assured to make Pankha plant operational on 15.01.2022 by taking Thermal Nala-A flow into the STP. For Unnao STP, NMCG directed the Concessionaire to complete the works of STP by 31.01.2022.

In the NMCG meeting dated 17.02.2022 the Concessionaire requested for final time extension due to COVID-19 1st & 2nd waves as per guidelines released by GOI and also requested for extension due to additional works under variation. With above, the Concessionaire requested for EOT for Pankha till 25/04/2022 and for Unnao till 15/05/2022. DG NMCG discussed EOT with UPJN and PE and it was decided to grant the EOT for the aforesaid period with condition of double penalty if works still not completed within extended time. The progress of construction of new STP facilities is given in following headings.

During 11th & 12th April 2022, ED (T) along with Mr. Rajat Kumar Gupta, SWMS NMCG visited Kanpur to know about the status and progress of the project. It was noted that due

to fund issues with KRMPL, desired progress of STPs has not been achieved. PE informed that at Pankha and Unnao STPs 85-90% of civil works are completed but due to non supply / erection of E&M equipments and incomplete works of sewer laying/manholes and IPS (Sundar Nagar & ICI Nala) progress is not increasing. Also, since last month manpower is extremely low (15-20) and KRMPL will not be able to complete the Pankha and Unnao STPs at scheduled extended dates.

In the NMCG meeting dated 27.04.2022, chaired by DG, progress and status of HAM Kanpur project was again discussed. It was noted that KRMPL has missed the final deadline i.e. 25.04.2022 for the completion of Pankha STP and will also miss the Unnao STP completion date i.e. 15.05.2022. DG, NMCG expressed displeasure towards KRMPL and after discussion completion dates of Pankha and Unnao were decided as 15.07.2022 and 15.06.2022 respectively. DG, NMCG also put condition that failing to complete the mentioned plants on time KRMPL will be subjected to triple fold penalty.

On dated 5th & 6th June 2022, DG, NMCG along with ED (T) and Mr. R.K. Gupta, SWMS NMCG visited Kanpur for progress review of HAM Kanpur Project. During visit DG NMCG was disappointed with the KRMPL regarding slow progress of the project. DG NMCG gave strict directions to increase the manpower, required machinery and expedite the Pankha, Unnao, Jajmau and Sajari STP works. New timeline to complete Pankha & Unnao STP with full plant operation on SCADA control given is 31/07/2022 and 15/07/2022 respectively.

For Sajari plant, DG noticed that O&M of the plant is not in order with visibly septic conditions in aeration tank. There was recurrent operational issues with thickener, sludge pumps etc. leading to sludge buildup. KRMPL committed to improve the O&M and compliance to the KPIs by 30/06/2022. Improvement has been made in the aeration tank operation and the KPIs are also meeting. But the issues of sludge thickeners operation, gas generation, sludge pumps etc still not resolved.

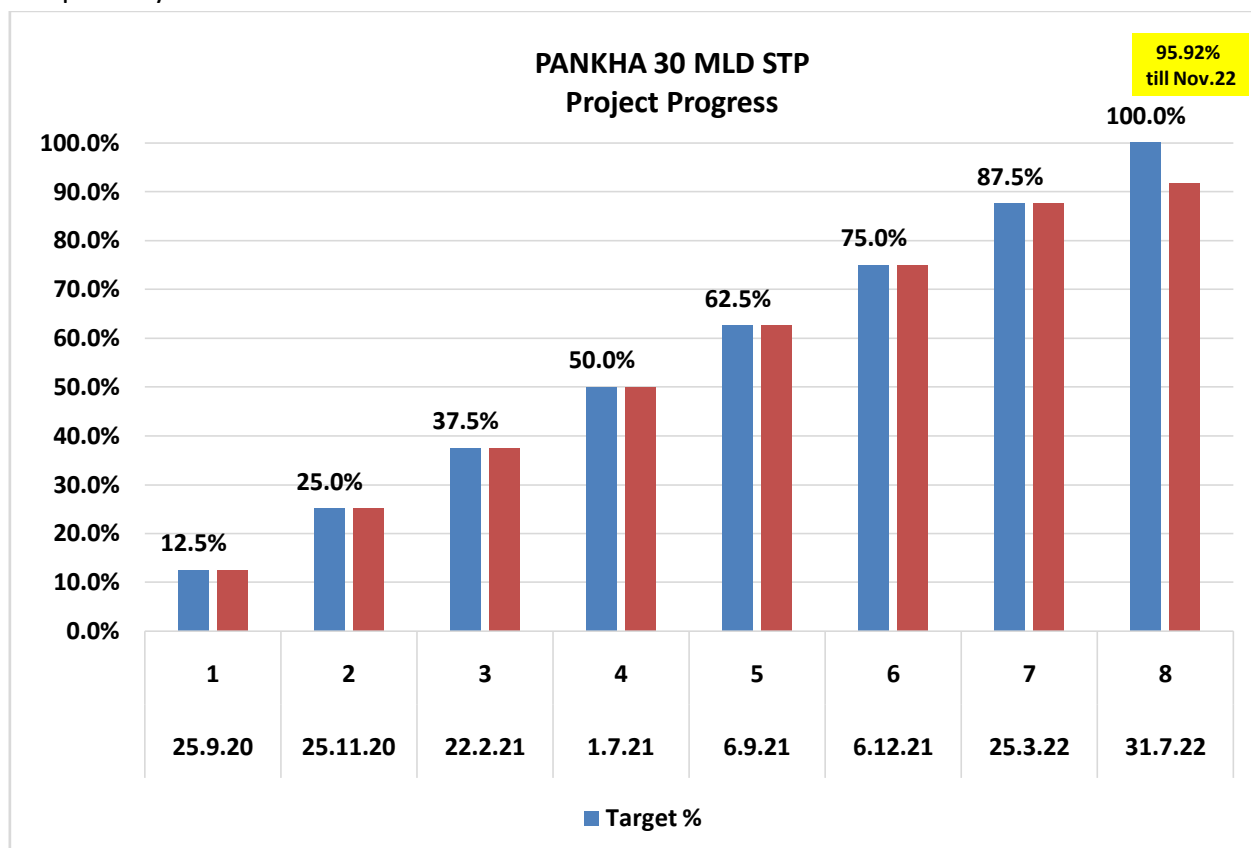
In the NMCG meeting dated 02/08/2022 and Kanpur visit dated 08/08/2022, ED (P) NMCG gave strict directions to increase the manpower, required machinery and expedite the Pankha, Unnao, Jajmau and Shuklaganj STP works. New timeline to complete Pankha, Unnao & Shuklaganj STP with full plant operation on SCADA control given is 31/10/2022, 15/10/2022 and 13/06/2022 respectively.

In the NMCG meeting dated 05/09/2022 ED (P) NMCG again reviewed the progress status and gave strict directions to increase the manpower, required machinery and expedite the Pankha, Unnao, Jajmau and Shuklaganj STP works.

In the NMCG meeting dated 01/11/2022 ED (P) NMCG reviewed the progress status and gave strict directions to increase the manpower, required machinery and expedite the Pankha, Unnao, Jajmau and Shuklaganj STP works. New date for completion of Pankha and Unnao STPs is 20/12/2022.

6.1 MILESTONE WISE ACTIVITIES AND PROGRESS: PANKHA STP FACILITIES

- Total progress of 30 MLD Pankha STP till Nov. 2022 is 95.92%. 7 milestones have been achieved out of total 8.
- In Oct. 2022 progress was 95.92%. There is no significant achievement in Pankha STP progress.
- Manpower deployed during Nov 2022 was 30-50 nos.
- As per direction given in the NMCG meeting dated 01.11.2022, Pankha STP was needed to complete by 20.12.2022.

**SUMMARY OF MILESTONE WISE PROGRESS AT PANKHA STP**

Milestone	Schedule Completion date	Actual completion date	Milestone Amount (Rs.)	Targeted Progress till 30.11.2022		
				Milestone Amount (Rs.)	% Target	% Achieved
1st milestone	25.09.2020	25.09.2020	12,48,39,750.00	12,48,39,750	12.50%	12.50%
2nd milestone	25.11.2020	25.11.2020	12,48,39,750.00	12,48,39,750	12.50%	12.50%
3rd Milestone	22.02.2021	22.02.2021	12,48,39,750.00	12,48,39,750	12.50%	12.50%
4th Milestone	01.07.2021	01.07.2021	12,48,39,750.00	12,48,39,750	12.50%	12.50%
5th Milestone	06.09.2021	06.09.2021	12,48,39,750.00	12,48,39,750	12.50%	12.50%
6th milestone	06.12.2021	06.12.2021	12,48,39,750.00	12,48,39,750	12.5%	12.50%
7th milestone	25.03.2022	25.03.2022	12,48,39,750.00	12,18,69,084	12.5%	12.20%
8th milestone	20.12.2022 Approval pending	Not completed	12,48,39,750.00	8,70,66,052	12.5%	8.72%
			99,87,18,000.00	95,79,73,636	100%	95.92%

Unit Wise Progress Status of 30 MLD STP Pankha

STP Units	Target %	Achieved %
I&D structure (All 3)	100%	90%
Sewer Laying (15 km of 16.624)	100%	90%
Manholes (245 completed of 308)	100%	80%
Rising Main (6.65 km of 7 km)	100%	93%
MPS	100%	96%
PTU	100%	95%
SBR	100%	97%
Air Blower	100%	94%
CCT	100%	96%
Chlorination Room	100%	92%
Supernatant Sump	100%	96%
Sludge Thickener	100%	98%
Centrifuge Building	100%	95%
Effluent Disposal System	100%	90%
Admin Building	100%	95%
Staff Quarter	100%	98%
Guard Room	100%	97%
Transformer Yard	100%	94%
DG Set	100%	95%
Boundary Wall	100%	92%

6.2 DETAIL OF BALANCE / PENDING WORKS STATUS

Details of Pankha STP and associated infrastructure's Balance / Pending Works Status and Inspection Report for Nov. 2022 are attached separately as **Annexure 1.1** and **Annexure 1.2** respectively with this MPR.

Milestone wise activities and their progress of work for Pankha STP are given in table 6.1:

Table 6.1: Milestone wise Progress – 30 MLD Pankha STP

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
1	SBR Basin Area				-				-
	CIVIL WORK				-				-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation/Raft		-		-		-		-
	Wall 50% of total lift work		-		-		-		-
	Walls (balance 50% of Total Lift work)		-		-		-		-
	Baffle Walls work		-		-		-		-
	Walkway/Platform	5%	6,59,173	5%	6,14,900		-		-
	Finishing Work	40%	58,38,400	40%	58,38,400	30%	43,78,800	20%	29,19,200
	MECHANICAL WORK		-		-		-		-
	A. DECANTERS		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works	50%	18,44,700	50%	18,44,700	50%	18,44,700	50%	18,44,700
	(iii) On completion of Testing of equipment		-		-	100%	18,44,700	100%	18,44,700
			-		-		-		-
	B. DIFFUSERS		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works	50%	12,29,800	50%	12,29,800	50%	12,29,800	50%	12,29,800
	(iii) On completion of Testing of equipment		-		-	100%	12,29,800	100%	12,29,800
			-		-		-		-
	C. RAS & SAS PUMPS		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	(ii) On completion of erection works	50%	12,29,800	50%	12,29,800		-		-
	(iii) On completion of Testing of equipment		-		-	100%	12,29,800	100%	12,29,800
			-		-		-		-
	D. PIPES & FITTINGS		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works	25%	3,07,450	25%	3,07,450		-		-
	(iii) On completion of Testing of equipment		-		-	80%	4,91,920	80%	4,91,920
2	Chlorine Contact Tank Area				-				-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation/Raft		-		-		-		-
	Wall 50% of total lift work		-		-		-		-
	Walls (balance 50% of Total Lift work)		-		-		-		-
	Baffle Walls work		-		-		-		-
	Finishing Work	80%	22,13,640	80%	22,13,640	20%	5,53,410	10%	2,76,705
3	Chlorination House Area				-				-
	CIVIL WORK		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation/Column footing		-		-		-		-
	Column & Beam		-		-		-		-
	Ground floor Slab		-		-		-		-
	Column & Beam		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	Roof Slab		-		-		-		-
	Brickwork & Plaster		-		-		-		-
	Finishing Work	100%	18,44,700	90%	16,60,230		-		-
	MECHANICAL WORK		-		-		-		-
	A. CHLORINATION SYSTEM		-		-		-		-
	(i) On supply of machinery/equipment at site	100%	31,35,990	100%	31,35,990		-		-
	(ii) On completion of erection works	100%	3,68,940	100%	3,68,940		-		-
	(iii) On completion of Testing of equipment		-		-	100%	1,84,470		-
			-		-		-		-
	B. HOIST WORKS		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works	100%	92,235		-		-		-
	(iii) On completion of Testing of equipment		-		-	100%	46,118		-
			-		-		-		-
	ELECTRICAL & INSTRUMENTATION WORK		-		-		-		-
	(i) On supply of machinery/equipment at site	100%	15,67,995	100%	15,67,995		-		-
	(ii) On completion of erection works		-		-	100%	1,84,470	90%	1,66,023
	(iii) On completion of Testing of equipment		-		-	100%	92,235		-
4	Sludge Thickener Area				-				-
	CIVIL WORK		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation wall/base slab		-		-		-		-
	Wall 50% of total lift work		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	Walls (balance 50% of Total Lift work)		-		-		-		-
	Finishing Work	10%	1,84,470		-		-		-
	MECHANICAL WORK		-		-		-		-
	SLUDGE THICKENER MECHANISM		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-		-		-
	(iii) On completion of Testing of equipment		-		-	100%	2,76,705	100%	2,76,705
5	Inlet / Stilling Chamber Area				-				-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation/Column footing		-		-		-		-
	Column & Beam		-		-		-		-
	RCC Slab		-		-		-		-
	RCC Wall		-		-		-		-
	Final finishing including Staircases,Railing,Shade,Painting, etc.	50%	6,14,900	40%	4,91,920		-		-
6	Manual & Mechanical Fine Bar Screen Chamber Area				-				-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation		-		-		-		-
	Column & Beam		-		-		-		-
	RCC Slab		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	RCC Wall		-		-		-		-
	Walkway/Platform		-		-		-		-
	Finishing Work	80%	9,83,840	70%	8,60,860		-		-
7	Grit Chamber (Mechanical Cleaned) & (Manually Cleaned)				-				-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation		-		-		-		-
	Column & Beam		-		-		-		-
	RCC Slab		-		-		-		-
	RCC Wall	10%	1,22,980	10%	1,22,980		-		-
	Walkway/Platform	30%	3,68,940	30%	3,68,940		-		-
	Finishing Work	90%	11,06,820	85%	10,45,330	10%	1,22,980	5%	61,490
	MECHANICAL WORK		-		-		-		-
	A.MECHANICAL FINE SCREEN		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-		-		-
	(iii) On completion of Testing of equipment		-		-	100%	1,22,980	100%	1,22,980
	B.MANUAL FINE SCREEN		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-		-		-
	(iii) On completion of Testing of equipment		-		-	100%	1,84,470	100%	1,84,470
	C.GATES		-		-		-		-
	(i) On supply of machinery/equipment at site	100%	20,90,660	100%	20,90,660		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	(ii) On completion of erection works	100%	2,45,960	100%	2,45,960		-		-
	(iii) On completion of Testing of equipment		-		-	100%	1,22,980	100%	1,22,980
	D.CONVEYOR BELTS		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-	100%	2,45,960	100%	2,45,960
	(iii) On completion of Testing of equipment		-		-	100%	1,22,980	100%	1,22,980
	E. GRIT MECHANISM		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-	100%	6,14,900	100%	6,14,900
	(iii) On completion of Testing of equipment		-		-	100%	3,07,450	100%	3,07,450
			-		-		-		-
8	Flow Measurement Channel Area		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation		-		-		-		-
	Column & Beam		-		-		-		-
	RCC Slab		-		-		-		-
	RCC Wall		-		-		-		-
	Walkway/Platform		-		-		-		-
	Finishing Work	80%	19,67,680	70%	17,21,720		-		-
9	Admin Bldg Area		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	Column footings/Foundation		-		-		-		-
	Column & Beam		-		-		-		-
	Ground Floor Slab		-		-		-		-
	1st Floor Slab		-		-		-		-
	Roof Slab		-		-		-		-
	Brickwork & Plaster	52%	14,38,866	52%	14,38,866		-		-
	Finishing Work	70%	12,91,290	70%	12,91,290	30%	5,53,410	20%	3,68,940
	ELECTRICAL WORK		-		-		-		-
	LT/HT PANEL		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works	100%	13,03,410	100%	13,03,410		-		-
	(iii) On completion of Testing of equipment		-		-	100%	4,34,470	100%	4,34,470
	PLC/SCADA SYSTEM		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-	100%	73,85,990	100%	73,85,990
	(ii) On completion of erection works		-		-	100%	13,03,410	100%	13,03,410
	(iii) On completion of Testing of equipment		-		-	100%	4,34,470	50%	2,17,235
			-		-		-		-
10	Air Blower Room Area				-				-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	Column footings/Foundation		-		-		-		-
	Column & Beam		-		-		-		-
	RCC Ground Floor Slab	100%	15,37,250	100%	15,37,250		-		-
	RCC Roof Slab		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	Brickwork & Plaster	77%	11,83,683	77%	11,83,683		-		-
	Finishing Work	100%	15,37,250	90%	13,83,525		-		-
	MECHANICAL WORK		-		-		-		-
	AIR BLOWER(PUMP)		-		-		-		-
	(i) On supply of machinery/equipment at site	30%	11,75,996	30%	11,75,996	70%	27,43,991	70%	27,43,991
	(ii) On completion of erection works	30%	1,38,353	30%	1,38,353	70%	3,22,823	70%	3,22,823
	(iii) On completion of Testing of equipment		-		-	100%	2,30,588	100%	2,30,588
	ELECTRICAL WORK		-		-		-		-
	AIR BLOWER(MOTOR)		-		-		-		-
	(i) On supply of machinery/equipment at site	30%	15,67,995	30%	15,67,995	70%	36,58,655	70%	36,58,655
	(ii) On completion of erection works	30%	1,84,470	30%	1,84,470	70%	4,30,430	70%	4,30,430
	(iii) On completion of Testing of equipment		-		-	100%	3,07,450	100%	3,07,450
11	Staff Quarter Area		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation/column footing		-		-		-		-
	Column & Beam		-		-		-		-
	RCC Ground Floor Slab		-		-		-		-
	RCC Roof Slab		-		-		-		-
	Brickwork & Plaster	50%	4,30,430	50%	4,30,430		-		-
	Electrical work	100%	12,91,290	100%	12,91,290		-		-
	Finishing Work	100%	8,60,860	95%	8,17,817		-		-
12	Guard Room Area		-		-		-		-
	Site Clearance		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation/column footing		-		-		-		-
	Column & Beam		-		-		-		-
	RCC Ground Floor Slab		-		-		-		-
	RCC Roof Slab	100%	3,68,940	100%	3,68,940		-		-
	Brickwork & Plaster	100%	3,68,940	100%	3,68,940		-		-
	Electrical work	100%	5,53,410	100%	5,53,410		-		-
	Finishing Work	100%	3,68,940	92%	3,39,425		-		-
13	Sludge Dewatering System Area (Centrifuge Pump House, Sludge sump & Poly dosing tank)				-				-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation		-		-		-		-
	1st Column & Beam		-		-		-		-
	Ground Floor Slab		-		-		-		-
	2nd Column & Beam	50%	15,37,250	50%	15,37,250		-		-
	RCC Roof Slab	100%	30,74,500	100%	30,74,500		-		-
	Brickwork & Plaster	100%	30,74,500	100%	30,74,500		-		-
	Finishing Work	50%	15,37,250	50%	15,37,250	50%	15,37,250	40%	12,29,800
	MECHANICAL WORK		-		-		-		-
	CENTRIFUGE UNIT		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-	100%	4,61,175	100%	4,61,175

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	(iii) On completion of Testing of equipment		-		-	100%	2,30,588		-
	CENTRIFUGE FEED PUMP		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-	100%	3,07,450	100%	3,07,450
	(iii) On completion of Testing of equipment		-		-	100%	1,53,725		-
	POLY DOSING PUMPS		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-	100%	1,53,725	100%	1,53,725
	(iii) On completion of Testing of equipment		-		-	100%	76,863		-
14	Supernatant Recirculation Sump Area				-				-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation wall/base slab		-		-		-		-
	Wall 50% of total lift work		-		-		-		-
	Walls (balance 50% of Total Lift work)		-		-		-		-
	Final finishing including Staircases,Railing,Shade,Painting etc.	40%	7,37,880	40%	7,37,880	10%	1,84,470		-
	MECHANICAL WORK		-		-		-		-
	PUMPING SYSTEM		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works	50%	3,22,823	50%	3,22,823		-		-
	(iii) On completion of Testing of equipment		-		-	100%	3,22,823		-
			-		-		-		-
15	Transformer Yard Area				-				-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	Site Clearance		-		-		-		-
	Excavation & PCC		-		-		-		-
	Foundation Work		-		-		-		-
	Finishing Work	50%	3,68,940	45%	3,32,046		-		-
	ELECTRICAL WORK		-		-		-		-
	TRANSFORMER		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works	20%	73,788	20%	73,788		-		-
	(iii) On completion of Testing of equipment	100%	1,84,470	100%	1,84,470		-		-
	CABLE & CABLE TRAY		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-		-		-
	(iii) On completion of Testing of equipment	100%	1,78,321	100%	1,78,321		-		-
16	DG Area				-				-
	Site Clearance		-		-		-		-
	Excavation & PCC	100%	5,53,410	100%	5,53,410		-		-
	Foundation Work	100%	8,30,115	100%	8,30,115		-		-
	Finishing Work	50%	2,76,705	50%	2,76,705	50%	2,76,705	50%	2,76,705
	ELECTRICAL WORK		-		-		-		-
	DG SET		-		-		-		-
	(i) On supply of machinery/equipment at site	100%	32,92,790	100%	32,92,790		-		-
	(ii) On completion of erection works		-		-	100%	3,87,387	100%	3,87,387
	(iii) On completion of Testing of equipment		-		-	100%	1,93,694	50%	96,847
	CABLE & CABLE TRAY		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	(ii) On completion of erection works		-		-	100%	1,93,694	100%	1,93,694
	(iii) On completion of Testing of equipment		-		-	100%	96,847	100%	96,847
17	Sludge Storage Platform				-				-
	Site Clearance		-		-		-		-
	Excavation & PCC	100%	3,00,000	100%	3,00,000		-		-
	Foundation Work	100%	4,00,000	100%	4,00,000		-		-
	Finishing work		-		-	100%	1,00,000	50%	50,000
18	EXTERNAL DEVELOPMENT				-				-
A.	Roads, Storm Water Drain & Miscellaneous work	61%	76,81,351	61%	76,86,000	30%	37,80,000	10%	12,60,000
B.	Compound Wall with Gate		-		-		-		-
	Excavation & PCC		-		-		-		-
	RCC Column footing		-		-		-		-
	RCC Column & Beam		-		-		-		-
	Brickwork & Plaster	10%	6,14,900	7%	4,30,430		-		-
	Finishing Work	30%	18,44,700	20%	12,29,800		-		-
19	MPS-2 (115MLD)				-				-
	CIVIL		-		-		-		-
A	Construction of Raw Sewage Sump		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation/Raft		-		-		-		-
	Wall 50% of total lift work		-		-		-		-
	Column & Beam		-		-		-		-
	Walls (balance 50% of Total Lift work)		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	Ground Floor Slab	100%	38,35,260	100%	38,35,260		-		-
	Finishing Work	100%	25,56,840	100%	25,56,840		-		-
B	Construction of Inlet Chamber & Screen Channel		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation/Raft		-		-		-		-
	Wall 50% of total lift work		-		-		-		-
	Walls (balance 50% of Total Lift work)		-		-		-		-
	Walkway/Platform		-		-		-		-
C	Construction of Raw Sewage Pump House		-		-		-		-
	Column & Beam	60%	9,58,815	60%	9,58,815		-		-
	Roof Slab	100%	15,98,025	100%	15,98,025		-		-
	Brickwork & Plaster	70%	11,18,618	70%	11,18,618	20%	3,19,605	20%	3,19,605
	Finishing Work		-		-	100%	15,98,025	95%	15,18,124
D	MECHANICAL WORK		-		-		-		-
	Coarse Screen mechanical & manual		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works	100%	5,32,675	100%	5,32,675		-		-
	(iii) On completion of Testing of equipment	100%	2,66,338	100%	2,66,338		-		-
	Piping & Support work		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works	25%	1,33,169	25%	1,33,169		-		-
	(iii) On completion of Testing of equipment		-		-	100%	2,66,338	100%	2,66,338

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	Gate Work		-		-		-		-
	(i) On supply of machinery/equipment at site	100%	63,38,833	100%	63,38,833		-		-
	(ii) On completion of erection works	100%	7,45,745	100%	7,45,745		-		-
	(iii) On completion of Testing of equipment		-		-	100%	3,72,873	100%	3,72,873
	Pumps		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works	100%	11,71,885	100%	11,71,885		-		-
	(iii) On completion of Testing of equipment		-		-	100%	5,85,943	100%	5,85,943
20	ICI Nala IPS		-		-		-		-
	CIVIL		-		-		-		-
A	Construction of Raw Sewage Sump		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-
	RCC Foundation/Raft		-		-		-		-
	Wall 50% of total lift work		-		-		-		-
	Column & Beam		-		-	60%	15,33,600	60%	15,33,600
	Walls (balance 50% of Total Lift work)		-		-		-		-
	Ground Floor Slab		-		-	100%	25,56,000	100%	25,56,000
	Finishing Work		-		-	100%	12,78,000	60%	7,66,800
B	Construction of Inlet Chamber & Screen Channel		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	RCC Foundation/Raft		-		-		-		-
	Wall 50% of total lift work		-		-		-		-
	Walls (balance 50% of Total Lift work)		-		-		-		-
	Walkway/Platform	100%	4,26,000	100%	4,26,000		-		-
	Finishing work		-		-	100%	4,26,000	40%	1,70,400
C	Construction of Raw Sewage Pump House		-		-		-		-
	Column & Beam		-		-	100%	7,99,013	100%	7,99,013
	Roof Slab		-		-	100%	7,99,013	100%	7,99,013
	Brickwork & Plaster		-		-	100%	7,99,013	100%	7,99,013
	Finishing Work		-		-	100%	7,99,013		-
D	Construction of Office Room		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation & PCC		-		-		-		-
	RCC Foundation/column footing	100%	6,39,000	100%	6,39,000		-		-
	Column & Beam	60%	1,27,800	60%	1,27,800	40%	85,200	40%	85,200
	RCC Ground floor Slab		-		-	100%	2,13,000	100%	2,13,000
	RCC Roof Slab		-		-	100%	2,13,000	100%	2,13,000
	Brick work & Plaster		-		-	100%	2,13,000	100%	2,13,000
	Electrification, plumbing, fixtures		-		-	100%	2,13,000		-
	Finishing work		-		-	100%	2,13,000		-
E	Construction of Guard Room		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation & PCC		-		-		-		-
	RCC Foundation/column footing		-		-	100%	6,39,000	100%	6,39,000
	Column & Beam		-		-	100%	2,13,000	100%	2,13,000

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	RCC Ground floor Slab		-		-	100%	2,13,000	100%	2,13,000
	RCC Roof Slab		-		-	100%	2,13,000	100%	2,13,000
	Brick work & Plaster		-		-	100%	2,13,000	100%	2,13,000
	Electrification, plumbing, fixtures		-		-	100%	2,13,000		-
	Finishing work		-		-	100%	2,13,000		-
F	Transformer Yard,DG Yard		-		-	100%	-		-
	Site Clearance		-		-		-		-
	Excavation & PCC		-		-	100%	6,39,210	100%	6,39,210
	Foundation Work		-		-	100%	15,98,025	100%	15,98,025
	Finishing Work		-		-	100%	9,58,815		-
G	MECHANICAL WORK		-		-		-		-
	Piping & Support work		-		-		-		-
	(i) On supply of machinery/equipment at site	70%	6,33,883	70%	6,33,883		-		-
	(ii) On completion of erection works		-		-	100%	1,06,535	100%	1,06,535
	(iii) On completion of Testing of equipment		-		-	100%	53,268	100%	53,268
	Screen Channel		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-	100%	3,40,912	100%	3,40,912
	(iii) On completion of Testing of equipment		-		-	100%	1,70,456		-
	Pumps		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-	100%	3,40,912	100%	3,40,912
	(iii) On completion of Testing of equipment		-		-	100%	1,70,456	100%	1,70,456
H	ELECTRICAL WORK		-		-		-		-
	Cable Tray & Earthing Work		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	(i) On supply of machinery/equipment at site		-		-	50%	5,43,329	50%	5,43,329
	(ii) On completion of erection works		-		-	100%	1,27,842	90%	1,15,058
	(iii) On completion of Testing of equipment		-		-	100%	63,921		-
	Transformer		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-	100%	28,97,752	100%	28,97,752
	(ii) On completion of erection works		-		-	100%	3,40,912		-
	(iii) On completion of Testing of equipment		-		-	100%	1,70,456		-
	DG		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-	100%	19,92,205	100%	19,92,205
	(ii) On completion of erection works		-		-	100%	2,34,377	100%	2,34,377
	(iii) On completion of Testing of equipment		-		-	100%	1,17,189	100%	1,17,189
I	Construction of Boundary wall & Internal Road		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation & PCC	10%	31,961	10%	31,961	20%	63,921	17%	54,333
	RCC Column footing	2%	8,523	2%	8,523	30%	1,27,842	27%	1,15,058
	RCC Column & Beam	2%	6,392	2%	6,392	30%	95,882	20%	63,921
	Brickwork & Plaster		-		-	55%	1,75,783	35%	1,11,862
	Finishing		-		-	100%	3,19,605		-
	Construction of Internal road		-		-	100%	4,26,140	10%	42,614
21	IPS-6 (Sundar Nagar- 20 MLD)-Pankha Area		-		-		-		-
	CIVIL		-		-		-		-
A	Construction of Raw Sewage Sump		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation		-		-		-		-
	PCC		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	RCC Foundation/Raft		-		-		-		-
	Wall 50% of total lift work		-		-		-		-
	Column & Beam		-		-	60%	15,33,600	60%	15,33,600
	Walls (balance 50% of Total Lift work)		-		-		-		-
	Ground Floor Slab		-		-	100%	25,56,000	100%	25,56,000
	Finishing Work		-		-	100%	12,78,000		-
B	Construction of Inlet Chamber & Screen Channel		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation & PCC		-		-		-		-
	RCC Foundation/Raft		-		-		-		-
	Wall 50% of total lift work		-		-		-		-
	Walls (balance 50% of Total Lift work)		-		-		-		-
	Walkway/Platform		-		-	100%	2,13,000	100%	2,13,000
	Finishing work		-		-	100%	2,13,000		-
C	Construction of Raw Sewage Pump House		-		-		-		-
	Column & Beam		-		-	100%	7,99,013	100%	7,99,013
	Roof Slab		-		-	100%	7,99,013	100%	7,99,013
	Brickwork & Plaster		-		-	100%	7,99,013	90%	7,19,111
	Finishing Work		-		-	100%	7,99,013		-
D	Construction of Office Room		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation & PCC		-		-		-		-
	RCC Foundation/column footing		-		-	100%	6,39,000	100%	6,39,000
	Column & Beam		-		-	100%	2,13,000	100%	2,13,000

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	RCC Ground floor Slab		-		-	100%	2,13,000	100%	2,13,000
	RCC Roof Slab		-		-	100%	2,13,000	100%	2,13,000
	Brick work & Plaster		-		-	100%	2,13,000	90%	1,91,700
	Electrification, plumbing, fixtures		-		-	100%	2,13,000		-
	Finishing work		-		-	100%	2,13,000		-
E	Construction of Guard Room		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation & PCC		-		-		-		-
	RCC Foundation/column footing		-		-		-		-
	Column & Beam		-		-	50%	1,06,500	40%	85,200
	RCC Ground floor Slab		-		-	100%	2,13,000		-
	RCC Roof Slab		-		-	100%	2,13,000		-
	Brick work & Plaster		-		-	100%	2,13,000		-
	Electrification, plumbing, fixtures		-		-	100%	2,13,000		-
	Finishing work		-		-	100%	2,13,000		-
F	Transformer Yard,DG Yard		-		-		-		-
	Site Clearance		-		-	100%	-		-
	Excavation & PCC		-		-	100%	6,39,210	100%	6,39,210
	Foundation Work		-		-	100%	15,98,025	100%	15,98,025
	Finishing Work		-		-	100%	9,58,815		-
G	MECHANICAL WORK		-		-		-		-
	Piping & Support work		-		-		-		-
	(i) On supply of machinery/equipment at site	75%	8,14,993	75%	8,14,993		-		-
	(ii) On completion of erection works		-		-	100%	1,27,842		-
	(iii) On completion of Testing of equipment		-		-	100%	63,921		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	Screen Channel		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-	100%	3,40,912	30%	1,02,274
	(iii) On completion of Testing of equipment		-		-	100%	1,70,456		-
	Pumps		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-		-		-
	(ii) On completion of erection works		-		-	100%	3,40,912		-
	(iii) On completion of Testing of equipment		-		-	100%	1,70,456		-
H	ELECTRICAL WORK		-		-		-		-
	Cable Tray & Earthing Work		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-	50%	9,96,102	50%	9,96,102
	(ii) On completion of erection works		-		-	100%	2,34,377		-
	(iii) On completion of Testing of equipment		-		-	100%	1,17,189		-
	Transformer		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-	100%	28,97,752	100%	28,97,752
	(ii) On completion of erection works		-		-	100%	3,40,912		-
	(iii) On completion of Testing of equipment		-		-	100%	1,70,456		-
	DG		-		-		-		-
	(i) On supply of machinery/equipment at site		-		-	100%	19,92,205	100%	19,92,205
	(ii) On completion of erection works		-		-	100%	2,34,377		-
	(iii) On completion of Testing of equipment		-		-	100%	1,17,189		-
I	Construction of Boundary wall & Internal Road		-		-		-		-
	Site Clearance		-		-		-		-
	Excavation & PCC		-		-	100%	3,19,605	50%	1,59,803
	RCC Column footing		-		-	100%	4,26,140	30%	1,27,842

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	RCC Column & Beam		-		-	100%	3,19,605	30%	95,882
	Brickwork & Plaster		-		-	100%	3,19,605		-
	Construction of Internal road		-		-	100%	4,26,140		-
	Finishing		-		-	100%	3,19,605		-
22	I&D Works				-				-
A	ICI Nala		-		-		-		-
	Construction Work		-		-		-		-
	Tapping of Nallahs		-		-	100%	11,12,000	100%	11,12,000
	Electro-Mechanical work	60%	10,00,800	60%	10,00,800	40%	6,67,200	20%	3,33,600
	Testing		-		-	100%	5,56,000		-
B	Thermal Nala -A		-		-		-		-
	Construction Work		-		-		-		-
	Tapping of Nallahs	40%	4,44,800	40%	4,44,800		-		-
	Electro-Mechanical work	100%	16,68,000	100%	16,68,000		-		-
	Testing	100%	5,56,000	100%	5,56,000		-		-
C	Thermal Nala -B		-		-		-		-
	Construction Work	31%	6,89,440	31%	6,89,440	50%	11,12,000	50%	11,12,000
	Tapping of Nallahs		-		-	100%	11,12,000		-
	Electro-Mechanical work	40%	6,67,200	40%	6,67,200	60%	10,00,800	40%	6,67,200
	Testing		-		-	100%	5,56,000		-
23	Rising Main Works				-				-
A	ICI Nala Area		-		-		-		-
	Site Cleance from Client		-		-		-		-
	Supply of Pipes	11%	5,73,995	11%	5,61,000	14%	7,23,690	14%	7,14,000
	Excavation,Laying & backfilling of Pipes		-		-	40%	2,40,000	40%	2,40,000

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	Testing		-		-	100%	3,00,000		-
B	Sundar Nagar IPS Area		-		-		-		-
	Site Cleance from Client		-		-		-		-
	Supply of Pipes		-		-		-		-
	Excavation,Laying & backfilling of Pipes		-		-	40%	2,40,000	5%	30,000
	Testing		-		-	100%	3,00,000		-
24	Sewer System Area (RCC Pipes-NP3 Types)								-
	Site Clearance				-				-
	Supply of pipes	8%	128,32,363	8%	128,36,342		-		-
	Excavation and Laying of pipes including bed preperation & backfilling	7%	7,01,987	7%	7,01,987	16%	16,04,543	8%	8,02,271
	Manholes	12%	12,10,248	12%	12,03,407	36%	36,49,004	20%	20,05,678
	Testing		-		-	100%	100,28,392		-
	Road Restoration work	35%	35,47,990	35%	35,09,937	65%	64,80,402	58%	58,16,467
25	Design ,Supply,Testing & Commissioning of Sewer line (crossing National Highway-2 & Railway Track)								-
	Statutory approvals from Railway & Road dept				-				-
	Supply of Carrier & Casing Pipes	13%	14,62,284	13%	14,62,284		-		-
	Construction of Pit	35%	3,28,076	35%	3,28,076		-		-
	Excavation & Laying of Pipes thru Jack push method	50%	28,12,084	50%	28,12,084		-		-
	Testing	23%	2,15,593	23%	2,15,593	50%	4,68,681		-
26	Design ,Supply,Testing & Commissioning of Treated Effluent line from STP to River Pandu				-				-
	Site Clearance		-		-		-		-

Sl. No.	Description of Items	Milestone-7 (From 07th December'21 to 25th Mar'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Mar'22 to 25th Apr'22)		Achieved for 8th Milestone	
		%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)	%	Amount(Rs.)
	Construction of Effluent line from STP to River Pandu	40%	28,80,000	40%	28,80,000		-		-
	Testing	100%	8,00,000		-		-		-
	TRIAL RUN & COMMISSIONING		-						
	Trial Run & Commissioning		-						
	Total Amount		1248,39,750		1218,69,084		1248,39,750		870,66,052

PHOTOGRAPHS OF PANKHA STP SITE**MPS works****VCB Panel & Admin Building**



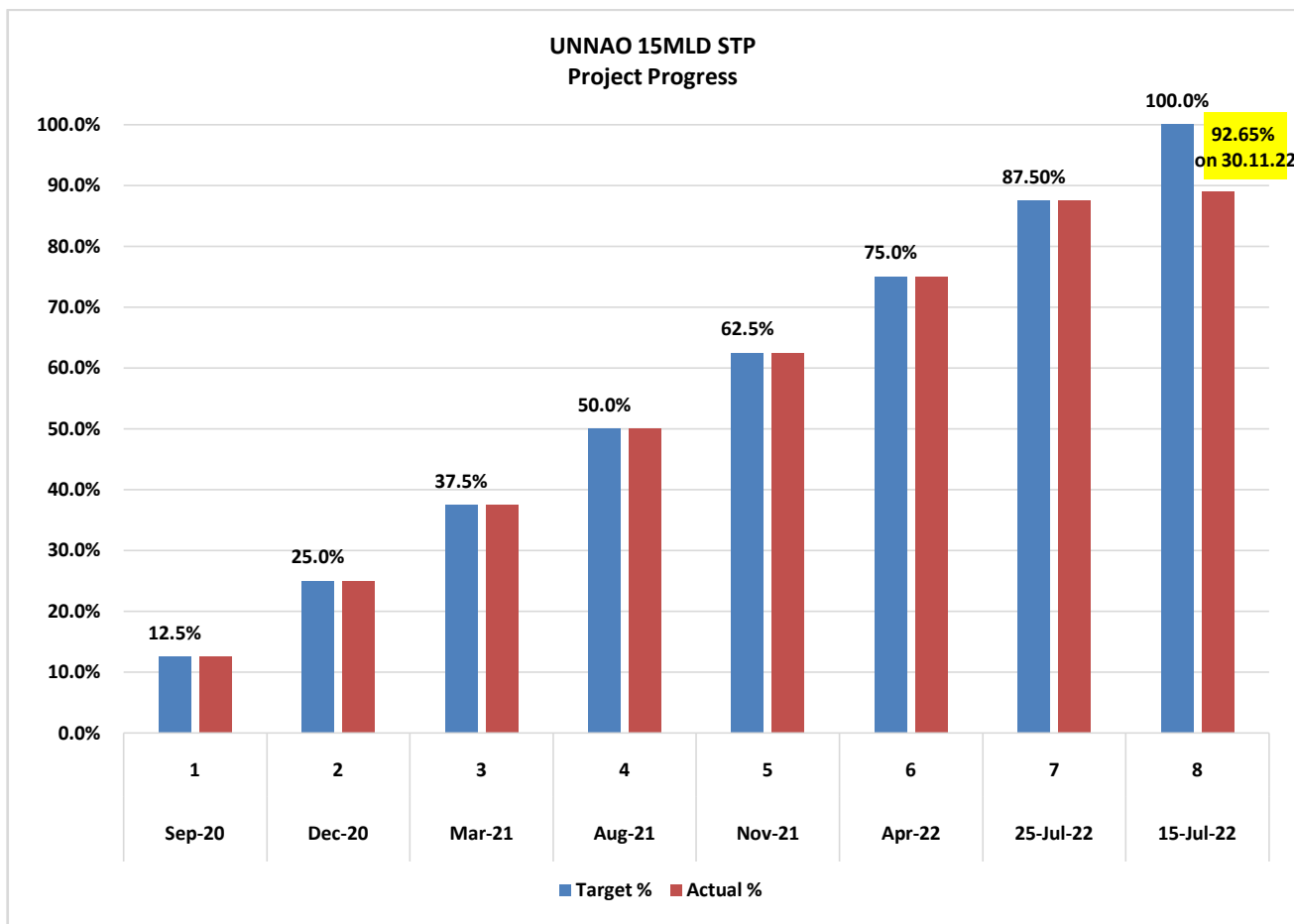
Chlorination Room



Centrifuge Building

6.3 MILESTONE WISE ACTIVITIES AND PROGRESS: UNNAO STP

- Total progress till Nov 2022 was 92.65%; Till date 7 milestones out of 8 completed.
- Manpower deployed at the 15 MLD STP Unnao site was in the range of 30-40 nos.
- In Oct. 2022 progress was 92.37%. There is no significant increment in Unnao STP progress.



- STP soil Backfilling (36,000 Cum): Initial permission for 12000 Cum given by DM office, Unnao. KRMPL done 6000 cum filling work.
- Status of progress of different STP units till Nov 2022 are as following:

STP Units	Target %	Achieved %
I&D structure	100%	100%
Sewer Laying (3.2 km of 3.2 km)	100%	90% (Cleaning and testing due)
Manholes (42 completed of 42)	100%	90% (Cleaning and testing due)
MPS	100%	100%
PTU	100%	100%
SBR	100%	100%
Air Blower	100%	100%

CCT	100%	95%
Chlorination Room	100%	95%
Supernatant Sump	100%	95%
Sludge Thickener	100%	95%
Centrifuge Building	100%	100%
Effluent Disposal System	100%	100%
Admin Building	100%	90%
Staff Quarter	100%	95%
Guard Room	100%	95%
Transformer Yard	100%	95%
DG Set	100%	95%
Boundary Wall	100%	90%

SUMMARY OF OVERALL PROGRESS AT UNNAO STP

Milestone	Schedule Completion date	Actual completion date	Milestone Amount (Rs.)	Progress till 30.11.2022		
				Milestone Amount (Rs.)	% Target	% Achieved
1st milestone	25.09.2020	25.09.2020	4,78,36,250.00	47836250.0	12.50%	12.50%
2nd milestone	06.12.2020	06.12.2020	4,78,36,250.00	47836250.0	12.50%	12.50%
3rd Milestone	25.03.2021	25.03.2021	4,78,36,250.00	47836250.0	12.50%	12.50%
4th Milestone	07.08.2021	07.08.2021	4,78,36,250.00	47836250.0	12.50%	12.50%
5th Milestone	15.11.2021	15.11.2021	4,78,36,250.00	47836250.0	12.50%	12.50%
6th milestone	25.03.2022	04.04.2022	4,78,36,250.00	46950353.9	12.50%	12.27%
7th milestone	25.04.2022	Not completed	4,78,36,250.00	36365542.0	12.50%	9.50%
8th milestone	15.06.2022	Not completed	4,78,36,250.00	32050966.0	12.50%	8.38%
Overall Progress			38,26,90,000.00	35,45,48,111.00	100%	92.65%

6.4 DETAIL OF BALANCE / PENDING WORKS STATUS

Details of Unnao STP and associated infrastructure's Balance / Pending Works Status and Inspection Report for Nov. 2022 are attached separately as **Annexure 2.1** and **Annexure 2.2** respectively with this MPR.

Milestone wise activities and their progress of work for Unnao STP are given in following table 6.2

TABLE 6.2: MILESTONE WISE PROGRESS – 15 MLD UNNAO STP

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
i)	SBR Basin Area												
1	Site Clearance				-				-		-		-
2	Excavation wall footing				-				-		-		-
3	PCC wall footing				-				-		-		-
4	RCC Foundation/Raft of wall				-				-		-		-
5	Wall 50% of total upto base slab				-				-		-		-
6	Walls (balance 50% of upto base slab)				-				-		-		-
7	PCC Base Slab				-				-		-		-
8	RCC Foundation base slab		-		-				-		-		-
9	Wall 50% of total lift work		-		-		-		-		-		-
40	Walls (balance 50% of Total Lift work)	25%	6,86,534.40	25%	6,86,534.40		-		-		-		-
11	Walkway/Platform	70%	19,22,296.32	70%	19,22,296.32	30%	8,23,841.28	30%	8,23,841.28		-		-
12	Piping & fitting works	50%	10,98,455.04	50%	10,98,455.04	50%	10,98,455.04	50%	10,98,455.04		-		-
13	Testing /Finishing works		-		-	100%	36,80,000.00	85%	31,28,000.00		-		-
ii	Sludge Thickener Area		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation Wall/base slab		-		-		-		-		-		-
5	Wall 50% of total lift work		-		-		-		-		-		-
6	Walls (balance 50% of Total Lift work)		-		-		-		-		-		-
7	Testing /Finishing works	60%	1,84,800.00	60%	1,84,800.00	15%	46,200.00	5%	15,400.00		-		-
iii	Supernatant Sump Area		0	0%	0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation wall/base slab		-		-		-		-		-		-
5	Wall 50% of total lift work		-		-		-		-		-		-
6	Walls (balance 50% of Total Lift work)		-		-		-		-		-		-
7	Testing /Finishing works	50%	42,900.00	50%	42,900.00	25%	21,450.00	15%	12,870.00		-		-
iv	Chlorination Tank Area		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
3	PCC		-		-		-		-		-		-
4	RCC Foundation/Raft		-		-		-		-		-		-
5	Wall 50% of total lift work		-		-		-		-		-		-
6	Walls (balance 50% of Total Lift work)		-		-		-		-		-		-
7	Baffle Walls work		-		-		-		-		-		-
8	Testing /Finishing works		-		-	100%	4,57,000.00	95%	4,34,150.00		-		-
v	Air Blower Room Area		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation/column footing		-		-		-		-		-		-
5	Column & Beam		-		-		-		-		-		-
6	RCC Roof Slab	100%	8,29,801.60	100%	8,29,801.60		-		-		-		-
7	Cable Trench Work		-		-		-		-		-		-
8	RCC Ground floor Grade Slab		-		-		-		-		-		-
9	Brick work	70%	4,37,617.60	70%	4,37,617.60	30%	1,87,550.40	30%	1,87,550.40		-		-
10	Plaster		-		-	100%	1,71,633.60	100%	1,71,633.60		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
11	Testing/Finishing work		-		-	100%	5,83,000.00	90%	5,24,700.00		-		-
vi	Staff Quarter Area (G+1)		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation/column footing		-		-		-		-		-		-
5	Column & Beam		-		-		-		-		-		-
6	RCC Ground floor Slab		-		-		-		-		-		-
7	RCC 1st floor Slab		-		-		-		-		-		-
8	RCC Roof Slab		-		-		-		-		-		-
9	Brick work		-		-		-		-		-		-
10	Plaster	50%	33,500.00	50%	33,500.00		-		-		-		-
11	Plumbing, fixtures , sanitary works, AC work	50%	33,500.00	50%	33,500.00	50%	33,500.00	20%	13,400.00		-		-
12	Electrification work	50%	16,750.00	50%	16,750.00	50%	16,750.00	25%	8,375.00		-		-
13	Finishing works	70%	23,450.00	70%	23,450.00	30%	10,050.00	10%	3,350.00		-		-
vii	Guard Room Area		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation/column footing		-		-		-		-		-		-
5	Column & Beam		-		-		-		-		-		-
6	RCC Ground floor Slab		-		-		-		-		-		-
7	RCC Roof Slab		-		-		-		-		-		-
8	Brick work		-		-		-		-		-		-
9	Plaster		-		-		-		-		-		-
10	Plumbing, fixtures	50%	57,211.20	50%	57,211.20	50%	57,211.20	20%	22,884.48		-		-
11	Sanitary works, AC work	50%	32,211.20	50%	32,211.20	50%	32,211.20	30%	19,326.72		-		-
12	Electrification work	50%	16,105.50	50%	16,105.50	50%	16,105.50	30%	9,663.30		-		-
13	Finishing works	50%	16,105.50	50%	16,105.50	50%	16,105.50	30%	9,663.30		-		-
viii	Chlorination Room Area												
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation/Column footing		-		-		-		-		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
5	Column & Beam		-		-		-		-		-		-
6	Ground floor Slab		-		-		-		-		-		-
7	Roof Slab		-		-		-		-		-		-
8	Brickwork		-		-		-		-		-		-
9	Plaster	50%	1,28,844.80	50%	1,28,844.80		-		-		-		-
10	Testing/Finishing works	50%	2,05,500.00	50%	2,05,500.00	50%	2,05,500.00	25%	1,02,750.00		-		-
ix	Admin Bldg Area (G+1)												
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	Column footings/Foundation		-		-		-		-		-		-
5	Column & Beam up to First Floor		-		-		-		-		-		-
6	1st Floor Slab		-		-		-		-		-		-
7	Column & Beam First Floor to Roof Slab		-		-		-		-		-		-
8	Roof Slab	100%	1,35,357.77	100%	1,35,357.77		-		-		-		-
9	Brickwork	100%	1,35,357.77	100%	1,35,357.77		-		-		-		-
10	Plaster	80%	85,275.40	80%	85,275.40	20%	21,318.85	20%	21,318.85		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
11	Electrification, plumbing, fixtures , sanitary works, AC work	30%	66,674.79	30%	66,674.79	70%	1,55,574.52	50%	1,11,124.66		-		-
12	finishing works	50%	69,500.00	50%	69,500.00	50%	69,500.00	30%	41,700.00		-		-
x	Sludge Dewatering System Area (Centrifuge Pump House, Sludge sump & Poly dosing tank)												
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation		-		-		-		-		-		-
5	Column & Beam Upto First Floor		-		-		-		-		-		-
6	First Floor Slab		-		-		-		-		-		-
7	Column & Beam First Floor to Roof Slab	75%	2,53,932.00	75%	2,53,932.00		-		-		-		-
8	Roof Slab	100%	3,19,576.00	100%	3,19,576.00		-		-		-		-
9	Brickwork	70%	2,58,703.20	70%	2,58,703.20	30%	1,10,872.80	30%	1,10,872.80		-		-
10	Plaster	40%	1,27,830.40	40%	1,27,830.40	60%	1,91,745.60	60%	1,91,745.60		-		-
11	Piping & fiittings Work		-		-	100%	1,84,364.00	100%	1,84,364.00		-		-
12	Testing/Finishing works		-		-	100%	3,51,000.00	80%	2,80,800.00		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
xi	Inlet Chamber Area												
1	Site Clearance		-		-		-		-		-		-
2	Excavation & PCC		-		-		-		-		-		-
3	RCC Foundation/Column footing		-		-		-		-		-		-
4	Column & Beam	75%	2,35,369.80	75%	2,35,369.80		-		-		-		-
5	RCC Slab	30%	94,147.92	30%	94,147.92	70%	2,19,678.48	70%	2,19,678.48		-		-
6	RCC Wall		-		-	100%	2,89,652.40	100%	2,89,652.40		-		-
7	Testing/Finishing works		-		-	100%	1,88,000.0000	85%	1,59,800.0000		-		-
xii	Manual & Mechanical Fine Bar Screen Chamber Area												
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation		-		-		-		-		-		-
5	Column & Beam	75%	1,36,837.80	75%	1,36,837.80		-		-		-		-
6	RCC Slab	50%	1,28,725.20	50%	1,28,725.20	50%	1,28,725.20	50%	1,28,725.20		-		-
7	RCC Wall		-		-	100%	1,71,633.60	100%	1,71,633.60		-		-
8	Walkway/Platform		-		-	100%	1,67,633.60	100%	1,67,633.60		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
9	Testing/Finishing works		-		-	100%	1,54,000.00	90%	1,38,600.00		-		-
xiii	Grit Chamber Area												
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation		-		-		-		-		-		-
5	Column & Beam	75%	1,82,450.40	75%	1,82,450.40		-		-		-		-
6	RCC Slab	100%	2,43,267.20	100%	2,43,267.20		-		-		-		-
7	RCC Wall	40%	91,537.92	40%	91,537.92	60%	1,37,306.88	60%	1,37,306.88		-		-
8	Walkway/Platform		-		-	100%	2,28,844.80	100%	2,28,844.80		-		-
9	Testing/Finishing works		-		-	100%	1,85,400.00	90%	1,66,860.00		-		-
xiv	Parshall Flume Channel Area												
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation		-		-		-		-		-		-
5	Column & Beam	75%	2,57,450.40	75%	2,57,450.40		-		-		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
6	RCC Slab	40%	1,37,306.88	40%	1,37,306.88	60%	2,05,960.32	60%	2,05,960.32		-		-
7	RCC Wall	30%	1,02,980.16	30%	1,02,980.16	70%	2,40,287.04	70%	2,40,287.04		-		-
8	Walkway/Platform		-		-	100%	3,43,267.20	100%	3,43,267.20		-		-
9	Piping & fitting Work		-		-	100%	1,71,633.60	90%	1,54,470.24		-		-
10	Testing		-		-	100%	2,57,400.00		-		-		-
xv	Sludge Storage Platform Area												
1	Site Clearance		-		-		-		-		-		-
2	Excavation	100%	1,00,000.00	100%	1,00,000.00		-		-		-		-
3	PCC	100%	2,50,000.00	100%	2,50,000.00		-		-		-		-
4	Foundation Work	70%	2,10,000.00	70%	2,10,000.00	30%	90,000.00	30%	90,000.00		-		-
5	Finishing work		-		-	100%	1,50,000.00	90%	1,35,000.00		-		-
xvi	Transformer Yard Area												
1	Site Clearance		-		-		-		-		-		-
2	Excavation	100%	3,88,045.00	100%	3,88,045.00		-		-		-		-
3	PCC	100%	3,88,045.00	100%	3,88,045.00		-		-		-		-
4	Foundation Work	100%	3,88,045.00	100%	3,88,045.00		-		-		-		-
xvii	DG Shed Area												

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
1	Site Clearance		-	0%	-		-		-		-		-
2	Excavation	100%	4,36,555.00	100%	4,36,555.00		-		-		-		-
3	PCC	100%	4,36,555.00	100%	4,36,555.00		-		-		-		-
4	Foundation Work	70%	3,05,588.50	70%	3,05,588.50	30%	1,30,966.50	30%	1,30,966.50		-		-
xviii	EXTERNAL DEVELOPMENT												
	Boundary Wall with Gate		-		-		-		-		-		-
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-
3	PCC	3%	15,063.75		-		-		-		-		-
4	RCC Column footing	3%	15,063.75		-		-		-		-		-
5	RCC Column & Beam	4%	20,094.12		-		-		-		-		-
6	Brickwork	8%	40,170.00		-		-		-		-		-
7	Plaster	20%	1,00,309.60	5%	25,077.40	20%	1,00,309.60		-		-		-
8	Retaining wall	40%	6,44,414.00	40%	6,44,414.00	21%	3,38,317.35	6%	96,662.10		-		-
9	Finishing Work	50%	2,51,062.50	50%	2,51,062.50	50%	2,51,062.50	20%	1,00,425.00		-		-
	Earthfilling, Internal Roads ,Landscaping		-		-		-		-		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
1	Earthfilling, Internal Roads ,Landscaping	60%	10,50,560.40	20%	3,50,186.80	40%	7,00,373.60		-		-		-
B	I & D Work												
(i)	Approach Channel												
1	Excavation	50%	34,093.30	50%	34,093.30		-		-		-		-
2	PCC	100%	1,70,466.50	100%	1,70,466.50		-		-		-		-
3	RCC Foundation/Raft	100%	2,04,559.80	100%	2,04,559.80		-		-		-		-
4	wall	60%	1,02,279.90	60%	1,02,279.90	40%	68,186.60	40%	68,186.60		-		-
5	Testing/Finishing work		-		-	100%	61,300.00		-		-		-
(ii)	Inlet Chamber												
1	Excavation		-		-		-		-		-		-
2	PCC		-		-		-		-		-		-
3	RCC Foundation/Raft	100%	2,57,904.60	100%	2,57,904.60		-		-		-		-
4	wall	100%	2,14,920.50	100%	2,14,920.50		-		-		-		-
5	Testing/Finishing work		-		-	100%	77,300.00		-		-		-
(iii)	Screen Channel												
1	Excavation		-		-		-		-		-		-
2	PCC	100%	1,71,974.25	100%	1,71,974.25		-		-		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
3	RCC Foundation/Raft	100%	2,06,369.10	100%	2,06,369.10		-		-		-		-
4	wall	60%	1,03,184.55	60%	1,03,184.55	40%	68,789.70	40%	68,789.70		-		-
5	Testing/Finishing work		-		-	100%	61,900.00		-		-		-
(iv)	Grit Chamber												
1	Excavation		-		-		-		-		-		-
2	PCC	100%	1,76,674.25	100%	1,76,674.25		-		-		-		-
3	RCC Foundation/Raft	100%	2,12,009.10	100%	2,12,009.10		-		-		-		-
4	wall	100%	1,76,674.25	100%	1,76,674.25		-		-		-		-
5	Testing/Finishing work		-	0%	-	100%	63,600.00		-		-		-
(v)	Collection Chamber												
1	Excavation	100%	13,709.20	100%	13,709.20		-		-		-		-
2	PCC	100%	34,273.00	100%	34,273.00		-		-		-		-
3	RCC Foundation/Raft	100%	41,127.60	100%	41,127.60		-		-		-		-
4	wall	80%	27,497.23	80%	27,418.40	20%	6,775.77	20%	6,775.77		-		-
5	Testing/Finishing work		-		-	100%	12,300.00		-		-		-
C	MPS-40 MLD												
	Civil Work												

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
i	Construction of Raw Sewage Sump												
1	Site Clearance		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation/Raft		-		-		-		-		-		-
5	Wall 50% of total lift work		-		-		-		-		-		-
6	Walls (balance 50% of Total Lift work)	10%	88,722.00	10%	88,722.00		-		-		-		-
7	Column & Beam	100%	7,87,220.00	100%	7,87,220.00		-		-		-		-
8	Ground Floor Slab	100%	5,91,480.00	100%	5,91,480.00		-		-		-		-
9	Testing/Finishing work	30%	1,77,444.00	30%	1,77,444.00	70%	4,14,036.00	55%	3,25,314.00		-		-
ii	Construction of Raw Sewage Pump House												
1	Column & Beam	50%	4,62,093.75	50%	4,62,093.75	50%	4,62,093.75	50%	4,62,093.75		-		-
2	Roof Slab	30%	2,77,256.25	30%	2,77,256.25	70%	6,46,931.25	70%	6,46,931.25		-		-
3	Brickwork		-		-	100%	9,24,187.50	100%	9,24,187.50		-		-
4	Plaster		-		-	100%	9,24,187.50	100%	9,24,187.50		-		-
iii	Construction of Inlet Chamber & Screen Channel												
1	Site Clearance		-		-		-		-		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
2	Excavation		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-
4	RCC Foundation/Raft		-		-		-		-		-		-
5	Wall 50% of total lift work		-		-		-		-		-		-
6	Walls (balance 50% of Total Lift work)	50%	92,418.75	50%	92,418.75		-		-		-		-
7	Column & Beam	100%	1,51,504.17	100%	1,51,504.17		-		-		-		-
8	Ground Floor Slab	100%	1,84,837.50	100%	1,84,837.50		-		-		-		-
9	Walkway/Platform		-		-	100%	1,84,837.50	100%	1,84,837.50		-		-
10	Testing/Finishing work		-		-	100%	1,59,500.00	85%	1,35,575.00		-		-
D	SEWER SYSTEM AREA (3.2 Km)												
1	Site Clearance		-		-		-		-		-		-
			-		-		-		-		-		-
2	Supply of pipes		-		-		-		-		-		-
3	Excavation and Laying of pipes including bed preperation & backfilling	24%	13,51,705.97	24%	13,51,705.97	13%	7,18,992.54	13%	7,18,992.54		-		-
4	Manholes	25%	9,22,039.49	25%	9,22,039.49	65%	23,97,302.67	55%	20,28,486.87		-		-
5	Flow/Hydroulic Testing		-		-	100%	73,74,893.60		-		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
6	Road restoration work	10%	1,79,726.66	10%	1,79,726.66	40%	7,37,489.36		-		-		-
E	RISING MAIN PIPING WORK (100 m)												
1	Site Clearance		-		-		-		-		-		-
2	Supply of pipes	25%	1,37,994.48	25%	1,37,994.48	25%	1,36,005.52	25%	1,36,005.52		-		-
3	Cutting,Excavtion,Laying of Pipes, backfilling	20%	13,700.00	20%	13,700.00	50%	34,250.00	50%	34,250.00	30%	20,550.00	30%	20,550.00
4	Testing		-		-		-		-	100%	68,500.00		-
F	EFFLUENT DISPOSAL SYSTEM												
			-		-		-		-		-		-
1	Site Clearance		-		-		-		-		-		-
2	Construction of Effluent Channel from Distribution Chamber to Agriculture Land	90%	13,60,799.97	90%	13,60,799.97	10%	1,51,200.00	10%	1,51,200.00		-		-
3	Construction of Rectangular Channel from STP to Distribution Chamber	90%	10,20,599.98	90%	10,20,599.98	10%	1,13,400.00	10%	1,13,400.00		-		-
4	Construction of Distribution Chamber	90%	10,20,599.98	90%	10,20,599.98	10%	1,13,400.00	5%	56,700.00		-		-
G	E&M WORK								-				-
i)	GRIT CHAMBER AREA		-		-		-		-		-		-
	A.On supply - Grit Scraper Mechanism		-		-		-		-		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	B.On Installation - Grit Scraper Mechanism		-		-	100%	5,40,000.00	100%	5,40,000.00		-		-
ii)	SLUDGE THICKENER AREA		-		-		-		-		-		-
	A.Supply - Sludge Thickener		-		-		-		-		-		-
	B.Installation - Sludge Thickener	100%	3,20,000.00	100%	3,20,000.00		-		-		-		-
iii)	TRANSFORMER YARD AREA		-		-		-		-		-		-
	A.Supply - Transformer	100%	44,00,000.00	100%	44,00,000.00		-		-		-		-
	B.Installation - Transformer		-		-	100%	11,00,000.00	100%	11,00,000.00		-		-
iv)	DG SHED AREA		-		-		-		-		-		-
	A.Supply - DG		-		-		-		-	100%	100,00,000.00	100%	100,00,000.00
	B.Installation - DG		-		-		-		-	100%	25,00,000.00	100%	25,00,000.00
v)	MEP		-		-		-		-		-		-
	A.Supply - Screen		-		-		-		-		-		-
	B.Installation - Screen		-		-		-		-	100%	15,20,000.00	100%	15,20,000.00
	C.Supply - Hoist		-		-		-		-		-		-
	D.Installation - Hoist		-		-	100%	1,40,000.00	100%	1,40,000.00		-		-
	E.Supply - Pumps & Motors(MEP)		-		-		-		-		-		-
	F.Installation - Pumps & Motors(MEP)		-		-	50%	11,60,000.00	50%	11,60,000.00	50%	11,60,000.00	50%	11,60,000.00

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	G.Supply - Gate & Valves(MPS)	50%	20,80,000.00	50%	20,80,000.00		-		-		-		-
	H.Installation - Gate & Valves(MPS)		-		-	100%	10,40,000.00	100%	10,40,000.00		-		-
	I.Supply Instruments(like flow meter, Guages, level, Transmitter)		-		-	100%	25,60,000.00	100%	25,60,000.00		-		-
	J.Installation - Instruments(like flow meter, Guages, level, Transmitter)		-		-		-		-	100%	6,40,000.00	65%	4,16,000.00
vi)	INLET CHAMBER AREA		-		-		-		-		-		-
	A.Supply - Gate & Valves(STP)	50%	16,80,000.00	50%	16,80,000.00		-		-		-		-
	B.Installation - Gate & Valves(STP)		-		-	20%	1,67,998.00	20%	1,67,998.00	80%	6,72,000.00	80%	6,72,000.00
vii)	FINE SCREEN AREA		-		-		-		-		-		-
	A.On supply -Fine Screen		-		-		-		-		-		-
	B.On Installation -Fine Screen		-		-	100%	6,40,000.00	100%	6,40,000.00		-		-
viii)	SBR BASIN AREA		-		-		-		-		-		-
	A..On supply - Decanter Equipment		-		-		-		-		-		-
	B..Installation - Decanter Equipment	50%	19,30,000.00	50%	19,30,000.00	50%	19,30,000.00	50%	19,30,000.00		-		-
	C.On supply - Diffuser		-		-		-		-		-		-
	D.On Installation - Diffuser		-		-	100%	38,60,000.00	100%	38,60,000.00		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	E.On supply - RAS Pump, SAS Pump		-		-		-		-		-		-
	F.On Installation - RAS Pump, SAS Pump	100%	10,80,000.00	100%	10,80,000.00		-		-		-		-
	G.On supply - Chain Pulley Block		-		-		-		-		-		-
	H.On Installation - Chain Pulley Block		-		-	100%	1,40,000.00	100%	1,40,000.00		-		-
ix)	AIR BLOWER ROOM		-		-		-		-		-		-
	A.Supply - Blower	60%	28,93,920.00	60%	28,80,000.00	40%	19,06,080.00	40%	19,20,000.00		-		-
	B. Installation - Blower				-	39%	4,71,457.00	39%	4,71,457.00	61%	7,28,581.00	61%	7,32,000.00
	C.Supply - Hoist Work		-		-	100%	4,00,000.00	100%	4,00,000.00		-		-
	D.Installation - Hoist Work		-		-	100%	1,00,000.00	100%	1,00,000.00		-		-
x)	CHLORINATION ROOM AREA		-		-		-		-		-		-
	A.Supply - Chlorination system (Dosing pumps, chlorinators, Tonnes, Chemicals & Piping work	40%	9,28,000.00	40%	9,28,000.00	10%	2,32,000.00	10%	2,32,000.00		-		-
	B. Installation - Chlorination system(Dosing pumps, chlorinators, Tonnes, Chemicals & Piping work		-		-	40%	2,32,000.00	40%	2,32,000.00	60%	3,48,000.00	40%	2,32,000.00
	C.Supply - Chlorine Nutrilisation Tank		-		-	100%	4,00,000.00	100%	4,00,000.00		-		-
	D.Installation - Chlorine Nutrilisation tank		-		-	100%	1,00,000.00	100%	1,00,000.00		-		-
	E.Supply - Hoist Work		-		-		-		-		-		-

Sr. No.	Description of Items	Milestone-6 (From 16th Nov'21 to 25th Mar'22)		Achieved for 6th Milestone		Milestone-7 (From 26th Mar'22 to 25th Apr'22)		Achieved for 7th Milestone		Milestone-8 (From 26th Apr'22 to 15th May'22)		Achieved for 8th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	F.Installation - Hoist Work		-		-	100%	1,40,000.00	100%	1,40,000.00		-		-
xi)	CENTRIFUGE HOUSE & FEED PUMP AREA		-		-		-		-		-		-
	A.On supply -Centrifuge & Feed Pump		-		-		-		-		-		-
	B.On Installation -Centrifuge & Feed Pump	90%	18,53,997.28	90%	18,53,997.28	10%	2,06,002.72	10%	2,06,000.00		-		-
xii)	ADMN BUILDING AREA		-		-		-		-		-		-
	A.Supply - PMCC work	50%	47,20,000.00	50%	47,20,000.00		-		-		-		-
	B.Installation - PMCC work	47%	11,15,037.00	47%	11,09,137.00	45%	10,66,460.74	45%	10,66,460.74	8%	1,78,618.64	8%	1,78,416.00
	C.Supply - PLC/SCADA Automation of MPS,STP,D.G set)		-		-		-		-	100%	80,00,000.00	100%	80,00,000.00
	D.Installation - PLC/SCADA Automation of MPS,STP,D.G set)		-		-		-		-	100%	20,00,000.00	40%	8,00,000.00
xiii)	TESTING OF E&M EQUIPMENT FOR STP & MPS		-		-		-		-	100%	194,00,000.00	30%	58,20,000.00
xiv)	EQUIPMENT TOOLS & MISC.		-		-		-		-	100%	6,00,000.00		-
III	TRIAL RUN & COMMISSIONING												
1	Trial Run & Commissioning												
			478,36,250		469,50,354		478,36,250		363,65,542		478,36,250		320,50,966

PHOTOGRAPHS OF UNNAO STP SITE



MPS final works



Decanter Installation & Testing



Diffuser leakage testing done

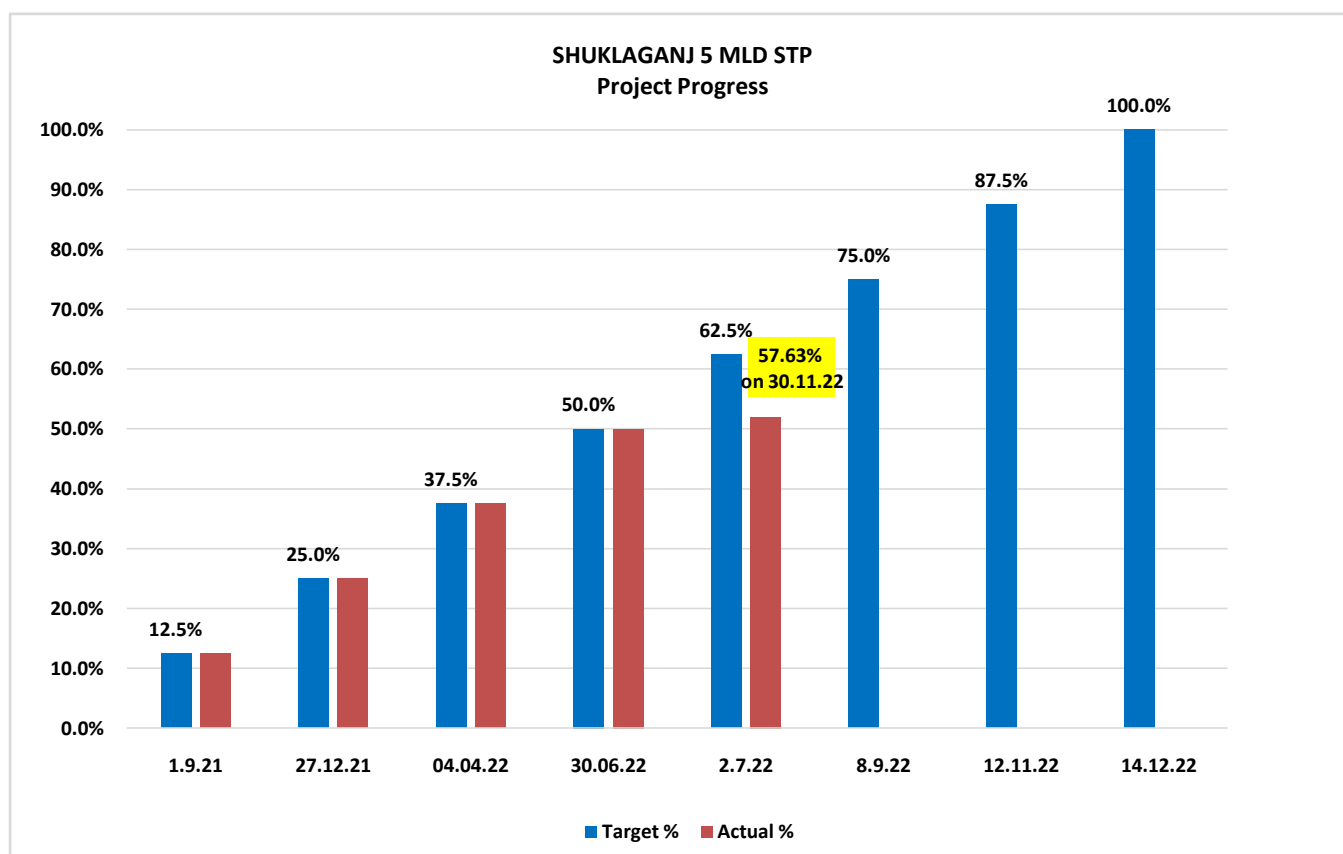


HT VCB Panel testing done

6.5 MILESTONE WISE ACTIVITIES AND PROGRESS: SHUKLAGANJ STP

Progress of construction works for 05 MLD STP at Shuklaganj is very slow. Total progress till Nov 2022 is 57.63%. In the meeting dated 01.11.2022, EOT for Shuklaganj STP is recommended till 13.06.2022. Status and progress of Shuklaganj STP is as following:

- During Nov 2022, the manpower deployed at the 05 MLD STP site was 15-20 nos. KRMPL need to increase the manpower up to 100 to achieve the target on time;
- EOT till 13.06.2023 has been considered on behalf of hindrances due of COVID 2nd wave and extra works due poor SBC/land change, flooding and ITR vetting etc.



- Low Manpower (29 against >100).
- KRMPL needs to expedite the progress by increasing the manpower and working on multiple fronts.
- During visit, progress of different STP components was checked as per the approved construction plan and it was found that progress of 05 MLD STP is very slow. Detail is given below:

STP Units	Target %	Achieved %
I&D	38%	0%
Sewer Laying (900 mm, 424m)	38%	10%
Manhole (09 nos.)	38%	0%
Pumping Main (500mm dia, 80 m)	38%	0%
MPS	38%	70%

PTU	38%	20%
SBR	38%	25%
Blower	38%	20%
CCT, Chlorination Building	38%	10%
Thickener, Supernatant Sump	38%	70%
Centrifuge	38%	0%
Admin Building	38%	20%
Staff Quarter	38%	25%
Guard Room	38%	70%
Boundary Wall	38%	30%

SUMMARY OF OVERALL PROGRESS AT SHUKLAGANJ STP

Milestone	Schedule Completion date	Actual completion date	Milestone Amount (Rs.)	Progress till 30.11.2022		
				Milestone Amount (Rs.)	% Target	% Achieved
1st milestone	01.09.2021	01.09.2021	2,66,18775.0	26618774.62	12.50%	12.50%
2nd milestone	27.12.2021	27.12.2021	2,66,18775.0	26618774.62	12.50%	12.50%
3rd Milestone	25.03.2022	04.04.2022	2,66,18775.0	23927475.83	12.50%	11.24%
4th Milestone	02.05.2022	-	2,66,18775.0	17890323.81	12.50%	8.40%
5th Milestone	02.07.2022	-	2,66,18775.0	16013722.38	12.50%	7.52%
6th milestone	08.09.2022	-	2,66,18775.0	4523915.62	12.50%	2.12%
7th milestone	12.11.2022	-	2,66,18775.0	7120000.00	12.50%	3.34%
8th milestone	14.12.2022	-	2,66,18775.0	0.00	12.50%	0.00%
Overall Progress			21,29,50,200.0	1227,12,987	100%	57.63%

Milestone wise progress of Shuklaganj STP is given in following table:

TABLE 6.3: MILESTONE WISE PROGRESS – 05 MLD Shuklaganj STP

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
i)	SBR Basin Area																		
1	Site Clearance		-		-		-		-				-				-		
2	Excavation wall footing		-		-		-		-				-				-		
3	PCC wall footing	47 %	11,25,974.21		-		-		-				-				-		
4	RCC Foundation/ Raft of wall	10 0%	28,74,827.76		-		-		-				-				-		
5	Wall 50% of total upto base slab	10 0%	23,95,689.80		-		-		-				-				-		
6	Walls (balance 50% of upto base slab)	50 %	11,97,844.90	50 %	11,97,844.90	50 %	11,97,844.90		-				-				-		
7	PCC Base Slab		-	10 0%	35,93,534.70	10 0%	35,93,534.70		-				-				-		
8	RCC Foundation base slab		-		-		-	10 0%	26,35,258.78	10 0%	26,35,258.78		-				-		
9	Wall 50% of total lift work		-		-		-	20 %	4,79,137.96		-	60 %	14,37,413.88		-	20 %	4,79,137.96		-
10	Walls (balance 50% of Total Lift		-		-		-		-		-	32 %	5,36,634.52		-	68 %	11,40,348.34		-

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	work)																		
13	Hydro Testing /Finishing works		-		-		-		-		-		-		-		-		-
ii	Chlorination Tank Area				0		0		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-		-		-		-
2	Excavation	10 0%	3,11,439.7 0		-		-		-		-		-		-		-		-
3	PCC	10 0%	3,59,353.5 0		-		-		-		-		-		-		-		-
4	RCC Foundation/ Raft	10 0%	5,98,922.5 0		-		-		-		-		-		-		-		-
5	Wall 50% of total lift work		-	10 0%	3,59,353.5 0	10 0%	3,59,353.5 0		-		-		-		-		-		-
6	Walls (balance 50% of Total Lift work)		-	26 %	1,24,575.8 8	26 %	1,24,575.8 8	74 %	3,54,562.1 2	74 %	3,54,562.1 2		-		-		-		-
7	Baffle Walls work		-		-		-	10 0%	1,19,784.5 0	10 0%	1,19,784.5 0		-		-		-		-
8	Hydro Testing /Finishing works		-		-		-		-		-		-		-		-		-
iii	Chlorination		0		0		0		0		0		0		0		0		0

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	Room Area																		
1	Site Clearance		-		-		-		-		-		-		-		-		-
2	Excavation	10 0%	1,91,655.2 0		-		-		-		-		-		-		-		-
3	PCC	10 0%	2,39,569.0 0		-		-		-		-		-		-		-		-
4	RCC Foundation/ Column footing	10 0%	5,98,922.5 0		-		-		-		-		-		-		-		-
5	Column & Beam	50 %	1,79,676.7 5	50 %	1,79,676.7 5	50 %	1,79,676.7 5		-		-		-		-		-		-
6	Ground floor Slab		-	10 0%	2,39,569.0 0	10 0%	2,39,569.0 0		-		-		-		-		-		-
7	Roof Slab		-		-		-	10 0%	3,59,353.5 0	10 0%	3,59,353.5 0		-		-		-		-
8	Brickwork		-		-		-	10 0%	1,19,784.5 0		-		-		-		-		-
9	Plaster		-		-		-	10 0%	1,19,784.5 0		-		-		-		-		-
10	Testing/Finishing works		-		-		-		-		-		-		-		-		-
iv	Guard Room Area		0		0		0		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-		-		-		-

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
2	Excavation		-		-		-		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-		-		-		-
4	RCC Foundation/c olumn footing		-		-		-		-		-		-		-		-		-
5	Column & Beam		-		-		-		-		-		-		-		-		-
6	RCC Ground floor Slab	10 0%	2,51,547.4 5		-		-		-		-		-		-		-		-
7	RCC Roof Slab	10 0%	83,849.15		-		-		-		-		-		-		-		-
8	Brick work		-	10 0%	1,67,698.3 0	10 0%	1,67,698.3 0		-		-		-		-		-		-
9	Plumbing, fixtures		-		-		-		-		-	10 0%	83,849.15		-		-		-
10	Sanitary works		-		-		-		-		-	10 0%	83,849.15		-		-		-
11	Electrificatio n work		-		-		-		-		-	10 0%	83,849.15		-		-		-
12	Plaster		-		-		-		-		-	10 0%	83,849.15		-		-		-
13	Finishing works		-		-		-		-		-		-		-		-		-
iv	Admin Bldg Area (G+1)		0		0		0		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-		-		-		-

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
2	Excavation		-		-		-		-		-		-		-		-		-
3	PCC	10 0%	3,68,936.19		-		-		-		-		-		-		-		-
4	Column footings/Foundation	10 0%	5,27,051.70		-		-		-		-		-		-		-		-
5	Column & Beam up to Floor Base slab		-	10 0%	7,90,577.55	10 0%	7,90,577.55		-		-		-		-		-		-
6	Floor base Slab		-		-		-	10 0%	7,90,577.55		-		-		-		-		-
7	Column & Beam upto Roof Slab		-		-		-		-		-	10 0%	4,21,641.36		-		-		-
8	1st Floor Roof Slab		-		-		-		-		-	10 0%	6,85,167.21		-		-		-
9	Brickwork		-		-		-		-		-		-		-	10 0%	4,21,641.36		-
10	Electrification, plumbing, fixtures, sanitary works		-		-		-		-		-		-		-		-		-
11	Plaster		-		-		-		-		-		-		-	10 0%	2,63,525.85		-
12	finishing works		-		-		-		-		-		-		-		-		-

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
v	Air Blower Room Area		0		0		0		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-		-		-		-
3	PCC	10 0%	7,18,707.00		-		-		-		-		-		-		-		-
4	RCC Foundation/c column footing	10 0%	7,18,707.00		-		-		-		-		-		-		-		-
5	Column & Beam		-		-		-	10 0%	7,18,707.00	10 0%	7,18,707.00		-		-		-		-
6	RCC Roof Slab		-		-		-	10 0%	9,58,276.00		-		-		-		-		-
7	Cable Trench Work		-		-		-		-		-	10 0%	4,79,138.00		-		-		-
8	Brick work		-		-		-		-		-		-		-	10 0%	2,39,569.00		-
9	Plaster		-		-		-		-		-		-		-	10 0%	2,39,569.00		-
10	Testing/Finishing work		-		-		-		-		-		-		-		-		-
vi	Staff Quarter Area (G+1)		0		0		0		0		0		0		0		0		0

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
1	Site Clearance		-		-		-		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-		-		-		-
4	RCC Foundation/c column footing		-		-		-		-		-		-		-		-		-
5	Column & Beam upto ground floor slab	10 0%	2,51,547.45		-		-		-		-		-		-		-		-
6	RCC Ground floor Slab (Base floor slab)		-	10 0%	1,67,698.30	10 0%	1,67,698.30		-		-		-		-		-		-
7	Column upto roof slab & RCC 1st floor Slab		-	10 0%	3,35,396.60	10 0%	3,35,396.60		-		-		-		-		-		-
8	Brick work		-		-		-	10 0%	83,849.15	50 %	41,924.58		-		-		-		-
9	Plumbing, fixtures , sanitary works		-		-		-		-		-		-		-	10 0%	83,849.15		-
10	Electrification work		-		-		-		-		-		-		-	10 0%	83,849.15		-
11	Plaster		-		-		-		-		-	10 0%	83,849.15		-		-		-
12	Finishing																		

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	works		-		-		-		-		-		-		-		-		-
vii	Inlet Chamber Area		0		0		0		0		0		0		0		0		0
1	Site Clearance	10 0%	28,748.28		-		-		-		-		-		-		-		-
2	Excavation & PCC	10 0%	1,86,863.82		-		-		-		-		-		-		-		-
3	RCC Foundation/ Column footing	10 0%	2,15,612.10		-		-		-		-		-		-		-		-
4	Column & Beam		-		-		-	10 0%	3,59,353.50	10 0%	3,59,353.50		-		-		-		-
5	RCC Slab		-		-		-	10 0%	2,87,482.80		-		-		-		-		-
6	RCC Wall		-		-		-	10 0%	2,87,482.80		-		-		-		-		-
7	Hydro Testing /Finishing works		-		-		-		-		-	10 0%	71,870.70		-		-		-
viii	Manual & Mechanical Fine Bar Screen Chamber Area		0		0		0		0		0		0		0		0		0
1	Site Clearance	10 0%	28,748.28		-		-		-		-		-		-		-		-
2		10																	

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	Excavation	0%	1,86,863.82		-		-		-		-		-		-		-		-
3	PCC	100%	2,15,612.10		-		-		-		-		-		-		-		-
4	RCC Foundation		-	100%	2,87,482.80	100%	2,87,482.80		-		-		-		-		-		-
5	Column & Beam		-		-		-	100%	2,15,612.10	100%	2,15,612.10		-		-		-		-
6	RCC Slab		-		-		-		-		-	100%	2,87,482.80		-		-		-
7	RCC Wall		-		-		-		-		-	75%	53,903.03	60%	43,122.42	25%	17,967.68		-
8	Walkway/Platform		-		-		-		-		-		-		-	100%	71,870.70		-
9	Hydro Testing /Finishing works		-		-		-		-		-		-		-		-		-
ix	Grit Chamber Area		0		0		0		0		0		0		0		0		0
1	Site Clearance	100%	62,287.94		-		-		-		-		-		-		-		-
2	Excavation	100%	4,04,871.61		-		-		-		-		-		-		-		-
3	PCC	100%	4,67,159.55		-		-		-		-		-		-		-		-
4	RCC	10																	

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	Foundation	0%	6,22,879.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Column & Beam	-	-	50%	2,33,579.78	50%	2,33,579.78	50%	2,33,579.78	50%	2,33,579.78	-	-	-	-	-	-	-	-
6	RCC Slab	-	-	-	-	-	-	-	-	-	-	100%	6,22,879.40	-	-	-	-	-	-
7	RCC Wall	-	-	-	-	-	-	-	-	-	-	75%	1,16,789.89	0%	-	25%	38,929.96	-	-
8	Walkway/Platform	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100%	1,55,719.85	-	-
9	Hydro Testing /Finishing works	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
x	Parshall Flume Channel Area		0		0		0		0		0		0				0		0
1	Site Clearance	100%	62,287.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Excavation	100%	4,04,871.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	PCC	100%	4,67,159.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	RCC Foundation	-	-	50%	2,33,579.78	50%	2,33,579.78	50%	2,33,579.78	50%	2,33,579.78	-	-	-	-	-	-	-	-
5	Column & Beam	-	-	-	-	-	-	100%	4,67,159.5	100%	4,67,159.5	-	-	-	-	-	-	-	-

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
									5		5								
6	RCC Slab	-		-		-		-		-		100%	6,22,879.40	-		-		-	
7	RCC Wall	-		-		-		-		-		-		-		100%	1,55,719.85	-	
8	Walkway/Platform	-		-		-		-		-		-		-		100%	1,55,719.85	-	
9	Piping & fitting Work	-		-		-		-		-		-		-		-		-	
10	Hydro Testing /Finishing works	-		-		-		-		-		-		-		-		-	
xi	Sludge Dewatering System Area (Centrifuge Pump House, Sludge sump & Poly dosing tank)		0		0		0		0		0		0		0		0		0
1	Site Clearance	100%	86,244.84		-	-			-	-			-	-			-	-	
2	Excavation	-		-		-		100%	2,15,612.10	100%	2,15,612.10		-	-			-	-	
3	PCC	-		-		-		100%	3,44,979.36	-			-	-			-	-	
4	RCC Foundation	-		-		-		75%	3,23,418.1	-		25%	1,07,806.0	-			-	-	

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
								5				5							
5	Column & Beam Upto First Floor	-		-		-		-		-		100%	4,31,224.20	-		-		-	
6	First Floor Slab	-		-		-		-		-		100%	6,46,836.30	-		-		-	
7	Column & Beam First Floor to Roof Slab	-		-		-		-		-		-		-		100%	4,31,224.20	-	
8	Roof Slab	-		-		-		-		-		-		-		100%	6,46,836.30	-	
9	Brickwork	-		-		-		-		-		-		-		-		-	
10	Plaster	-		-		-		-		-		-		-		-		-	
11	Piping & fiittings Work	-		-		-		-		-		-		-		-		-	
12	Hydro Testing /Finishing works	-		-		-		-		-		-		-		-		-	
xii	Sludge Thickener Area		0		0		0		0		0		0		0		0		0
1	Site Clearance	-		-		-		-		-		-		-		-		-	
2	Excavation	-		-		-		-		-		-		-		-		-	
3	PCC	-		-		-		-		-		-		-		-		-	
4	RCC																		

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	Foundation Wall/base slab		-		-		-		-		-		-		-		-		-
5	Wall 50% of total lift work	100%	6,70,793.20		-		-		-		-		-		-		-		-
6	Walls (balance 50% of Total Lift work)	50%	3,35,396.60	50%	3,35,396.60	50%	3,35,396.60		-		-		-		-		-		-
7	Hydro Testing /Finishing works		-		-		-	100%	1,67,698.30		-		-		-		-		-
xiii	Supernatant Sump Area		0		0		0		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-		-		-		-
2	Excavation		-		-		-		-		-		-		-		-		-
3	PCC		-		-		-		-		-		-		-		-		-
4	RCC Foundation wall/base slab		-		-		-		-		-		-		-		-		-
5	Wall 50% of total lift work		-		-		-		-		-		-		-		-		-
6	Walls (balance 50% of Total Lift work)	100%	4,79,138.00		-		-		-		-		-		-		-		-
7	Hydro			50															

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	Testing /Finishing works		-	%	59,892.25		-		-		-		-		-		-		-
xiv	Sludge Storage Platform Area		0		0		0		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-	10 0%	95,827.60	10 0%	95,827.60		-		-
2	Excavation		-		-		-		-		-	50 %	1,91,655.20		-	50 %	1,91,655.20		-
3	PCC		-		-		-		-		-		-		-	10 0%	5,74,965.60		-
4	Foundation Work		-		-		-		-		-		-		-	10 0%	7,66,620.80		-
5	Finishing work		-		-		-		-		-		-		-		-		-
xv	Transformer Yard Area		0		0		0		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-	10 0%	71,870.70	10 0%	71,870.70		-		-
2	Excavation		-		-		-		-		-	10 0%	2,87,482.80		-		-		-
3	PCC		-		-		-		-		-	10 0%	4,31,224.20		-		-		-
4	Foundation Work		-		-		-		-		-		-		-	50 %	3,23,418.15		-
xvi	DG Shed		0		0		0		0		0		0		0		0		0

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	Area																		
1	Site Clearance		-		-		-		-		-	100%	71,870.70	100%	71,870.70		-		-
2	Excavation		-		-		-		-		-		-		-	100%	2,87,482.80		-
3	PCC		-		-		-		-		-		-		-	100%	4,31,224.20		-
4	Foundation Work		-		-		-		-		-		-		-	100%	6,46,836.30		-
xvii	EXTERNAL DEVELOPMENT		0		0		0		0		0		0		0		0		0
	Boundary Wall with Gate		-		-		-		-		-		-		-		-		-
1	Site Clearance		-		-		-		-		-		-		-		-		-
2	Excavation	6%	1,61,974.49	10%	2,69,957.48		-		-		-		-		-		-		-
3	PCC	2%	71,988.66	7%	2,51,960.31		-	10%	3,59,943.30		-	5%	1,79,971.65		-		-		-
4	RCC Column footing	2%	71,988.66	4%	1,51,041.32		-	14%	4,96,856.62		-	12%	4,31,931.96		-		-		-
5	RCC Column & Beam	7%	1,88,970.23	4%	1,07,982.99		-	15%	4,04,936.21		-	26%	7,01,889.44		-		-		-
6				4%				5%				65				16			

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	Brickwork	-			1,07,982.99	-			1,34,978.74	-		%	17,54,723.59	-		%	4,31,931.96	-	
7	Plaster	-			-	-		5%	89,985.83	-		15%	2,69,957.48	-		80%	14,39,773.20	-	
8	Finishing Work	-			-	-			-	-			-	-		22%	1,93,469.52	-	
	Earthfilling, Internal Roads ,Landscaping	-			-	-			-	-			-	-			-	-	
1	Earthfilling, Internal Roads ,Landscaping	-			-	-			-	-			-	-		29%	9,72,650.14	-	
B	MPS-20 MLD		0		0		0		0		0		0		0		0		0
	Civil Work	-			-	-			-	-			-	-			-	-	
i	Construction of Raw Sewage Sump		0		0		0		0		0		0		0		0		0
1	Site Clearance	-			-	-			-	-			-	-			-	-	
2	Excavation	-			-	-			-	-			-	-			-	-	
3	PCC	-			-	-			-	-			-	-			-	-	
4	RCC Foundation/	-			-	-			-	-			-	-			-	-	

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	Raft																		
5	Wall 50% of total lift work	50 %	6,43,706.93	50 %	6,43,706.93	50 %	6,43,706.93	-	-	-	-	-	-	-	-	-	-	-	-
6	Walls (balance 50% of Total Lift work)	-	-	100 %	12,87,413.85	100 %	12,87,413.85	-	-	-	-	-	-	-	-	-	-	-	-
7	Column & Beam	-	-	100 %	8,58,275.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	Ground Floor Slab	-	-	-	-	-	-	100 %	6,86,620.72	-	-	-	-	-	-	-	-	-	-
9	Hydro Testing /Finishing works	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ii	Construction of Raw Sewage Pump House		0		0		0		0		0		0		0		0		0
1	Column & Beam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100 %	2,50,000.00	-	-
2	Roof Slab	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100 %	2,50,000.00	-	-
3	Brickwork	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Plaster	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
iii	Construction		0		0		0		0		0		0		0		0		0

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	of Inlet Chamber & Screen Channel																		
1	Site Clearance		-		-		-		-		-		-		-		-		-
2	Excavation		-	10 0%	2,87,482.8 0	10 0%	2,87,482.8 0		-		-		-		-		-		-
3	PCC		-	10 0%	4,31,224.2 0	10 0%	4,31,224.2 0		-		-		-		-		-		-
4	RCC Foundation/ Raft		-	50 %	2,15,612.1 0	50 %	2,15,612.1 0	50 %	2,15,612.1 0	50 %	2,15,612.1 0		-		-		-		-
5	Wall 50% of total lift work		-		-		-	10 0%	4,31,224.2 0	10 0%	4,31,224.2 0		-		-		-		-
6	Walls (balance 50% of Total Lift work)		-		-		-		-		-	10 0%	4,31,224.2 0	10 0%	4,31,224.2 0		-		-
7	Column & Beam		-		-		-		-		-	10 0%	2,87,482.8 0		-		-		-
8	Ground Floor Slab		-		-		-		-		-		-		-	10 0%	2,29,986.2 4		-
9	Walkway/Platform		-		-		-		-		-		-		-	10 0%	1,43,741.4 0		-
10	Hydro Testing /Finishing works		-		-		-		-		-		-		-		-		-

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
C	SEWER SYSTEM AREA		0		0		0		0		0		0		0		0		0
1	Site Clearance		-		-		-		-		-		-		-		-		-
2	Supply of pipes		-		-		-		-		-		-		-		-		-
3	Excavation and Laying of pipes including bed preparation & backfilling		-	75 %	5,09,994.00	75 %	5,09,994.00	25 %	1,69,998.00	15 %	1,01,998.80		-		-		-		-
4	Manholes		-	75 %	5,09,994.00		-	25 %	1,69,998.00		-		-		-		-		-
5	Flow Testing		-		-		-		-		-		-		-	50 %	2,26,508.72		-
D	I & D Work		0		0		0		0		0		0		0		0		0
(i)	Approach Channel		0		0		0		0		0		0		0		0		0
1	Excavation		-	100 %	68,100.00		-		-		-		-		-		-		-
2	PCC		-	100 %	1,70,000.00		-		-		-		-		-		-		-
3	RCC Foundation/ Raft		-	100 %	2,05,000.00		-		-		-		-		-		-		-
4	wall		-		-		-	22 %	37,237.00		-	59 %	1,00,463.00		-	19 %	32,300.00		-
5	Hydro															10			

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	Testing /Finishing works		-		-		-		-		-		-		-	0%	61,300.00		-
(ii)	Inlet Chamber		0		0		0		0		0		0		0		0		0
1	Excavation		-	10 0%	85,900.00		-		-		-		-		-		-		-
2	PCC		-	10 0%	2,15,000.00		-		-		-		-		-		-		-
3	RCC Foundation/ Raft		-	10 0%	2,55,000.00		-		-		-		-		-		-		-
4	wall		-		-		-	10 0%	2,15,000.00		-		-		-		-		-
5	Hydro Testing /Finishing works		-		-		-		-		-		-		-	10 0%	77,300.00		-
(iii)	Screen Channel		0		0		0		0		0		0		0		0		0
1	Excavation		-		-		-	10 0%	68,700.00		-		-		-		-		-
2	PCC		-		-		-	10 0%	1,71,900.00		-		-		-		-		-
3	RCC Foundation/ Raft		-		-		-	10 0%	2,06,370.00		-		-		-		-		-
4	wall		-		-		-	10 0%	1,71,975.00		-		-		-		-		-
5	Hydro Testing		-		-		-		-		-		-		-	10 0%	61,900.00		-

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	/Finishing works																		
(iv)	Grit Chamber		0		0		0		0		0		0		0		0		0
1	Excavation	-		-		-		10 0%	70,670.00	-		-		-		-		-	
2	PCC	-		-		-		10 0%	1,76,675.00	-		-		-		-		-	
3	RCC Foundation/ Raft	-		-		-		10 0%	2,12,000.00	-		-		-		-		-	
4	wall	-		-		-		10 0%	1,75,675.00	-		-		-		-		-	
5	Hydro Testing /Finishing works	-		-		-		-		-		-		-		10 0%	63,600.00	-	
(v)	Collection Chamber		0		0		0		0		0		0		0		0		0
1	Excavation	-		-		-		10 0%	13,710.00	-		-		-		-		-	
2	PCC	-		-		-		10 0%	34,273.00	-		-		-		-		-	
3	RCC Foundation/ Raft	-		-		-		10 0%	41,130.00	-		-		-		-		-	
4	wall	-		-		-		10 0%	34,273.00	-		-		-		-		-	
5	Hydro Testing /Finishing works	-		-		-		-		-		-		-		10 0%	12,300.00	-	
E	EFFLUENT		0		0		0		0		0		0		0		0		0

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	DISPOSAL SYSTEM																		
			-		-		-		-		-		-		-		-		-
1	Site Clearance		-		-		-	100%	2,50,000.00		-		-		-		-		-
2	Construction of Effluent Channel		-		-		-		-		-	31%	7,89,287.44		-	69%	17,41,332.56		-
F	E&M WORK		-		-		-		-		-		-		-		-		-
i)	GRIT CHAMBER AREA		-		-		-		-		-		-		-		-		-
	A.On supply - Grit Scraper Mechanism	100%	18,28,000.00		-		-		-		-		-		-		-		-
	B.On Installation - Grit Scraper Mechanism		-		-		-		-		-	100%	4,57,000.00		-		-		-
ii)	SLUDGE THICKENER AREA		-		-		-		-		-		-		-		-		-
	A.Supply - Sludge Thickener	100%	7,04,000.00		-		-		-		-		-		-		-		-
	B.Installation - Sludge Thickener		-		-		-		-		-		-		-	100%	1,76,000.00		-
iii)	TRANSFORMER YARD AREA		-		-		-		-		-		-		-		-		-

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	A.Supply - Transformer		-		-		-		-		-		-		-	10 0%	24,20,000.00	10 0%	24,20,000.00
	B.Installation - Transformer		-		-		-		-		-		-		-		-		-
iv)	DG SHED AREA		-		-		-		-		-		-		-		-		-
	A.Supply - DG		-		-		-		-		-		-		-	10 0%	31,00,000.00	10 0%	31,00,000.00
	B.Installation - DG		-		-		-		-		-		-		-	10 0%	7,75,000.00		-
v)	MEP		-		-		-		-		-		-		-		-		-
	A.Supply - Screen		-	10 0%	33,44,000.00		-		-		-		-		-		-		-
	B.Installation - Screen		-		-		-		-		-		-		-		-		-
	C.Supply - Hoist	10 0%	4,68,000.00		-		-		-		-		-		-		-		-
	D.Installation - Hoist		-		-		-		-		-		-		-		-		-
	E.Supply - Pumps & Motors(MEP)		-	50 %	34,72,000.00	50 %	34,72,000.00	50 %	34,72,000.00	50 %	34,72,000.00		-		-		-		-
	F.Installation - Pumps & Motors(MEP)		-		-		-		-		-		-		-		-		-
	G.Supply - Gates		-		-		-	10 0%	11,44,000.00	10 0%	11,44,000.00		-		-		-		-

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	H.Supply - Valves(MPS)	-		10 0%	11,44,000.00	-		-		-		-		-		-		-	
	I.Installation - Gate & Valves(MPS)	-			-	-		-		-		-		-		-		-	
	J.Installation - Gate & Valves(MPS)	-			-	-		-		-		-		-		-		-	
	K.Supply Instruments(like flow meter, Guages, level, Transmitter)	-			-	-		-		-		-		-		-		-	
	L.Installation - Instruments(like flow meter, Guages, level, Transmitter)	-			-	-		-		-		-		-		-		-	
vi)	INLET CHAMBER AREA	-			-	-		-		-		-		-		-		-	
	A.Supply - Gates	-			-	-		50 %	4,62,000.00	50 %	4,62,000.00	50 %	4,62,000.00	50 %	4,62,000.00		-		-
	B.Supply - Valves(STP)	-		10 0%	9,24,000.00	-		-		-		-		-		-		-	
	C.Installation - Gates	-			-	-		-		-		10 0%	2,31,000.00	-		-		-	

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	D.Installation - Valves(STP)	-		-		-		-		-		100%	2,31,000.00	-		-		-	
vii)	FINE SCREEN AREA		0		0		0		0		0		0		0		0		0
	A.On supply -Fine Screen	-		100%	14,08,000.00	100%	14,08,000.00	-		-		-		-		-		-	
	B.On Installation - Fine Screen	-		-		-		-		-		100%	3,52,000.00	-		-		-	
viii)	SBR BASIN AREA	-		-		-		-		-		-		-		-		-	
	A..On supply - Decanter Equipment	-		-		-		-		-		-		-		-		-	
	B..Installation - Decanter Equipment	-		-		-		-		-		100%	18,63,000.00	-		-		-	
	C.On supply - Diffuser	-		-		-		-		-		-		-		-		-	
	D.On Installation - Diffuser	-		-		-		-		-		100%	21,23,000.00	-		-		-	
	E.On supply - RAS Pump, SAS Pump	-		-		-		100%	27,76,000.00	100%	27,76,000.00	-		-		-		-	
	F.On Installation - RAS Pump, SAS Pump	-		-		-		-		-		100%	6,94,000.00	-		-		-	
	G.On supply - Chain Pulley Block	-		-		-		100%	3,08,000.00	100%	3,08,000.00	-		-		-		-	
	H.On																		

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	Installation - Chain Pulley Block		-		-		-		-		-		-		-		-		-
ix)	AIR BLOWER ROOM		-		-		-		-		-		-		-		-		-
	A.Supply - Blower		-		-		-		-		-	10 0%	30,40,000.00	10 0%	30,40,000.00		-		-
	B. Installation - Blower		-		-		-		-		-		-		-	10 0%	7,60,000.00		-
	C.Supply - Hoist Work		-	10 0%	4,60,000.00	10 0%	4,60,000.00		-		-		-		-		-		-
	D.Installation - Hoist Work		-		-		-		-		-		-		-		-		-
x)	CHLORINATION ROOM AREA		-		-		-		-		-		-		-		-		-
	A.Supply - Chlorination system(Dosing pumps, chlorinators, Tonnes, Chemicals & Piping work		-		-		-	10 0%	12,76,000.00	90 %	11,48,400.00		-		-		-		-
	B. Installation - Chlorination system(Dosing pumps, chlorinators, Tonnes, Chemicals & Piping work		-		-		-		-		-		-		-		-		-

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	C.Supply - Chlorine Nutrilisation Tank	-		-		-		-		-		100%	2,20,000.00	-		-		-	
	D.Installation - Chlorine Nutrilisation tank	-		-		-		-		-		-		-		-		-	
	E.Supply - Hoist Work	-		-		-		-		-		100%	3,08,000.00	100%	3,08,000.00	-		-	
	F.Installation - Hoist Work	-		-		-		-		-		-		-		-		-	
xi)	CENTRIFUGE HOUSE & FEED PUMP AREA	-		-		-		-		-		-		-		-		-	
	A.On supply - Centrifuge	-		-		-		100%	22,66,000.00	-		-		-		-		-	
	B.On supply - Centrifuge Feed Pump	83%	18,69,086.47	18%	3,96,913.53	18%	3,96,550.00		-	-		-		-		-		-	
	C.On Installation - Centrifuge	-		-		-		-		-		-		-		-		-	
	D.On Installation - Centrifuge Feed Pump	-		-		-		-		-		-		-		-		-	
xii)	ADMN BUILDING AREA	-		-		-		-		-		-		-		-		-	
	A.Supply - LT/HT Panel	-		-		-		-		-		-		-		100%	37,52,000.00	-	

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
	B.Installation - LT/HT Panel	-		-		-		-		-		-		-		-		-	
	C.Supply - PLC/SCADA Automation	-		-		-		-		-		100%	36,00,000.00	-		-		-	
	D.Installation - PLC/SCADA Automation	-		-		-		-		-		-		-		-		-	
xiii)	Cable Tray & Earthing work	-		-		-		-		-		-		-		-		-	
	A.Supply - cable Tray/Earthing material	-		-		-		-		-		-		-		100%	8,00,000.00	100%	8,00,000.00
	B.Installation - Cable Tray/Earthing material	-		-		-		-		-		-		-		-		-	
xiv)	External Electrification (lighting & Pole)	-		-		-		-		-		-		-		-		-	
	A.Supply	-		-		-		-		-		-		-		100%	8,00,000.00	100%	8,00,000.00
	B.Installation	-		-		-		-		-		-		-		-		-	
xv)	TESTING OF E&M EQUIPMENT FOR STP & MPS	-		-		-		-		-		-		-		-		-	
xvi)	EQUIPMENT TOOLS & MISC.	-		-		-		-		-		-		-		-		-	

Sr. No.	Description of Items	Achieved for 3rd Milestone		Milestone-4 (From 26th March'22 to 2nd May'22)		Achieved for 4th Milestone		Milestone-5 (From 3rd May'22 to 2nd July'22)		Achieved for 5th Milestone		Milestone-6 (From 3rd July'22 to 8th Sep'22)		Achieved for 6th Milestone		Milestone-7 (From 9th Sep'22 to 12th Nov'22)		Achieved for 7th Milestone	
				%	Amount			%	Amount			%	Amount			%	Amount		
III	TRIAL RUN & COMMISSIONING				0		0												
1	Trial Run & Commissioning						0												

Photographs of Shuklaganj STP



MPS works



PTU column casting



Supernatant Sump



CCT Building works

7. PRESENT STATUS AND ISSUES OF EXISTING STPS**7.1 JAJMAU (PHASE – 1) 130 MLD STP AND IPS REHABILITATION**

Till November 2022 overall progress is **66.68%**.

- During the Principal Secretary and ED (P) visit held on 18.11.2022 & 19.11.2022:
 - i. KRMPL was directed to use proper sludge handling and disposal methods.
 - ii. KRMPL was directed to make immediate provisions for 100% backup power for 130 MLD & 43 MLD STPs by renting required number of additional DG unit until new DG and Gas Engines units can be installed & commissioned.
- During NMCG's site visit held on 16.11.2022 & 17.11.2022,
 - i. KRMPL was directed to clear the waste sludge dumped near 43 MLD inlet mechanical screens & grit chamber area onsite.
 - ii. KRMPL was instructed to use appropriate lining sheets before storing solid waste generated onsite.
 - iii. KRMPL was instructed to take necessary action to utilize them to its full capacity and any additional sludge has to be hauled offsite.
 - iv. KRMPL was directed to stop the work of newly installed DI Sludge Pipeline and was also instructed to dig up the pipeline and allow UPJN & PE to inspect for approval and simultaneously submit the drawings with design calculations for the same.
 - v. KRMPL was directed to supply spare parts list and keep stock of all necessary spare parts onsite at the earliest.
 - vi. KRMPL was directed to ensure power backup for the plant at the earliest and mobilize OEM people.
 - vii. KRMPL was directed to raise the RFI after taking OEM certificates. OEM personnel should be present during the inspection of UPJN & PE.

MILESTONE WISE ACTIVITIES AND PROGRESS

Milestone	Schedule Completion date	Actual Completion date	Milestone Amount	Targeted progress till 30.11.2022		
				Milestone Amount	% Target	% Achieved
1 st	15.10.2021	15.10.2021	240160000.00	215,360,117.76	25%	22.28%
2 nd	15.03.2022	15.03.2022	240160000.00	194,775,646.10	25%	20.28%
3 rd	15.06.2022	Not completed	240160000.00	144,169,008.64	25%	15.01%
4 th	09.08.2022	Not completed	240160000.00	86,227,046.40	25%	8.98%
Overall progress	960640000.000			640,531,818.90	100%	66.68%
Total %	100%				100%	66.68%

7.1.1 ISSUES & STATUS OF PENDING COMPLIANCE OF 130 MLD JAJMAU PHASE I

SN	Equipment	Issues in Oct 2022	Status in Nov 2022	Compliance / Remarks
1	Collection Chamber	Hand railings and restoration work	Partially completed	Pending from KRMPL's end
2	Gates/ Valves	Overhauling / Replacement	Completed	Completed by KRMPL
3	Fine screen chamber (Mechanical/Manual)	<ul style="list-style-type: none"> Screens Under Maintenance Automation System 	<ul style="list-style-type: none"> Work under Progress Pending 	Refer STC Letter no 1893 dated 28.11.2022
4	Grit Chamber	<ul style="list-style-type: none"> Installation of LPBS and Torque switch 	<ul style="list-style-type: none"> Installation of LPBS pending Torque Switch not working properly 	Refer STC Letter No. 1875 dated 15.11.2022 and STC Letter No. 1889A dated 25.11.2022.
5	Inlet Flow Meter	<ul style="list-style-type: none"> Installation complete 	<ul style="list-style-type: none"> Flow chart and level scale not installed. 	Refer STC Letter no 1893 dated 28.11.2022
6	Primary Sedimentation Tank	<ul style="list-style-type: none"> Scum box rectification Installation of LPBS and Torque switch 	<ul style="list-style-type: none"> Work pending Installation of LPBS pending Torque Switch not working properly 	Refer STC Letter No. 1875 dated 15.11.2022 and STC Letter No. 1889A dated 25.11.2022.
7	Sludge Thickener Tank	<ul style="list-style-type: none"> Installation of LPBS and Torque switch 	<ul style="list-style-type: none"> Installation of LPBS pending Torque Switch not working properly 	Refer STC Letter No. 1875 dated 15.11.2022 and STC Letter No. 1889A dated 25.11.2022.
8	Blending Tank Agitator	<ul style="list-style-type: none"> Installation of LPBS 	<ul style="list-style-type: none"> Installation of LPBS pending 	Refer STC Letter no 1893 dated 28.11.2022
9	Aeration Tank	<ul style="list-style-type: none"> Cable tray, Weir plate and civil renovation work, electrical connection, 18 aerators installation and 3 tank civil renovation work, Sluice gate 	<ul style="list-style-type: none"> 17 aerators installation done 1 aerator installation pending, Tank no 2 under renovation , Tank no 1 & 3 civil renovation has not started, Sluice gate not replaced, Cable tray and electrical termination is still pending. 	Refer STC Letter No. 1875 dated 15.11.2022 and STC Letter No. 1889A dated 25.11.2022.
10	Return Sludge Pump House	<ul style="list-style-type: none"> Pump renovation work. Valve NRV and Pipeline Cable tray, LCS Panel, internal electrification work 	<ul style="list-style-type: none"> Renovation work for Pump no. 4 pending. Replacement of valves, NRVs and pipes are pending. Cable tray, LCS Panel, internal electrification work pending 	Refer STC Letter no 1893 dated 28.11.2022

SN	Equipment	Issues in Oct 2022	Status in Nov 2022	Compliance / Remarks
11	Treated Effluent Pump House	<ul style="list-style-type: none"> Out of 11 Nos. of TEPH pumps, pump nos. 03, 04, 05, 07, and 08 are found non-operational. Cable tray, LCS Panel, internal electrification work 	<ul style="list-style-type: none"> Cable tray, LCS Panel, internal electrification work pending 	Refer STC Letter no 1893 dated 28.11.2022
12	Belt Filter Press system	<ul style="list-style-type: none"> BFP building extension BFP supply 	<ul style="list-style-type: none"> Under progress. Pending 	Refer STC Letter no 1894 dated 29.11.2022
13	Supernatant Pumps	<ul style="list-style-type: none"> Supply of pumps & renovation work 	<ul style="list-style-type: none"> Pending 	Pending from KRMPL's end
14	Sludge Digester	<ul style="list-style-type: none"> Civil renovation work Supply of equipments 	<ul style="list-style-type: none"> Pending Pending 	Pending from KRMPL's end
15	Final Sedimentation Tank	<ul style="list-style-type: none"> Civil renovation work for FST no 1,2,3 Supply of equipment 	<ul style="list-style-type: none"> Civil renovation work for FST no 3 is pending. Pending Compliance for PE Observations on RFI vide letter 1855A dated 04.11.2022 & letter no 1899A dated 26.11.2022 is pending. 	Refer STC Letter No. 1875 dated 15.11.2022 and STC Letter No. 1889 dated 25.11.2022.
16	New CCT & TEPH	<ul style="list-style-type: none"> Excavation work very slow 	<ul style="list-style-type: none"> Excavation work very slow 	KRMPL needs to speed up the work
17	Power Backup (DG set & DFG)	<ul style="list-style-type: none"> DFG No. 1 & 5 are non operational since 17.10.2022. 	<ul style="list-style-type: none"> During the Principal Secretary and ED (P) visit held on 18.11.2022 & 19.11.2022, KRMPL was directed to make immediate provisions for 100% backup power for 130 MLD & 43 MLD STPs. 	Refer Site visit report of NMCG received via email on 23.11.2022
18	RTOLMS	<ul style="list-style-type: none"> Design, drawing still pending 	<ul style="list-style-type: none"> Design, drawing still pending 	Pending from KRMPL's end
19	Sludge disposal system	<ul style="list-style-type: none"> Mr. Madhav Kumar asked KRMPL to submit the calculation of sludge generation & maintain the daily sludge removal record. 	<ul style="list-style-type: none"> Not complied by KRMPL NMCG Team directed KRMPL to remove sludge from STP site at the earliest. 	Refer Site visit report of NMCG received via email on 23.11.2022
20	New Laboratory	<ul style="list-style-type: none"> Under Renovation 	<ul style="list-style-type: none"> Under Renovation 	Pending from KRMPL's end

SN	Equipment	Issues in Oct 2022	Status in Nov 2022	Compliance / Remarks
21	Scrubbing & Flaring System	<ul style="list-style-type: none"> Supply pending Civil foundation work 	<ul style="list-style-type: none"> Pending Pending 	Pending from KRMPL's end
22	Combined Sewage Pumping Station (CSPS)	<ul style="list-style-type: none"> Pump supply pending Civil work 	<ul style="list-style-type: none"> Pending Pending 	Pending from KRMPL's end
23	Substation	<ul style="list-style-type: none"> HT & LT room civil construction work 	<ul style="list-style-type: none"> Pending 	Pending from KRMPL's end
24	Joint Sampling & Testing by NABL Laboratory	<ul style="list-style-type: none"> IIT Kanpur has taken only one composite sample on 17.10.2022 & 18.10.2022 and test result has not submitted by KRMPL. 	<ul style="list-style-type: none"> IIT Kanpur has taken only one composite sample on 15.11.2022 & 16.11.2022 and test result has not submitted by KRMPL. 	Pending from KRMPL's end

Following points are to be addressed by the KRMPL:

- i. **Compliance of Inspection Reports** has not submitted inspection done by NMCG/UPJN and STC team.

Inspection done details with their compliance status given below for 130 MLD STP and IPSs Jajmau Phase-I :-

S.N	Inspection done dated	Description of Inspection details	Compliances reports status
1.	02.09.2021	Inspection report issued on 06.09.2021	Not complied by KRMPL
2.	18.09.2021	Inspection report issued on 24.09.2021	Not complied by KRMPL
3.	30.09.2021	Inspection report issued on 01.10.2021	Not complied by KRMPL
4.	07.10.2021	Inspection report issued on 31.10.2021	Not complied by KRMPL
5.	10.10.2021		
6.	23.10.2021		
7.	28.10.2021		
8.	29.10.2021		
9.	23.11.2021	Inspection report issued on 30.11.2021	Compliance report submitted by KRMPL
10.	27.11.2021		
11.	10.12.2021	Inspection report issued on 27.12.2021 for 130MLD STP Jajmau	Compliance report submitted by KRMPL
12.	15.12.2021		
13.	16.12.2021		
14.	04.01.2022	Inspection report issued on 10.1.2022 for 130 MLD STP, IPSs and CSPS.	Compliance report submitted by KRMPL
15.	01.02.2022	Inspection report issued on 07.2.2022 and 25.02.2022 for 130 MLD STP, IPSs and CSPS Jajmau	Not complied by KRMPL
16.	03.02.2022		
17.	25.02.2022		
18.	02.03.2022	Inspection report issued on 09.03.2022	Not complied by KRMPL

19.	05.04.2022	Inspection report issued on 08.04.2022 for 130 MLD STP Jajmau	Not complied by KRMPL
20.	07.04.2022	Inspection report issued on 07.04.2022 for 130 MLD IPSs facilities.	Not complied by KRMPL
21.	12.04.2022	ED(T) D. P Mathuria Sir Site visit and Inspection report issued on 20.04.2022 for 130 MLD STP and CSPA facilities	KRMPL has submitted compliance report vide KRMPL letter no. UPJN/KRMPL/Kanpur/2022-23/O&M/009 dated 13.06.2022 received our office on 17.06.2022
22.	19.04.2022	Inspection report issued on 20.04.2022 for 130 MLD STP and CSPA Jajmau facilities	KRMPL has submitted compliance report vide KRMPL letter no. UPJN/KRMPL/Kanpur/2022-23/O&M/009 dated 13.06.2022 received our office on 17.06.2022
23.	05.05.2022	Inspection report issued on 20.05.2022 for 130 MLD & 43 MLD IPSs and STP Jajmau facilities	Not complied by KRMPL
24.	18.05.2022	Inspection report issued on 21.05.2022 for 130 MLD STP Jajmau	KRMPL has submitted compliance report vide KRMPL letter no.2495 dated 27.05.2022
25.	20.05.2022	Inspection report issued on 25.05.2022 for Nawabganj IPS	Not complied by KRMPL
26.	01.06.2022	Inspection report issued on 01.06.2022	Not complied by KRMPL
27.	06.06.2022	DG,NMCG,ED(T) and Rajat Gupta Sir site visited on 06.06.2022 and instructed to KRMPL as per M.O.M	Not complied by KRMPL
28.	14.06.2022	Inspection report issued on 14.06.2022	Not complied by KRMPL
29.	06.06.2022, 07.06.2022 and 20.06.2022	Inspection report of 130 MLD, 43 MLD,IPSs and CSPA Jajmau on 29.06.2022	Not complied by KRMPL
30.	23.06.2022	Inspection report of 130 MLD STP Jajmau facilities Phase 1,Inspection report issued on 27.06.2022	Not complied by KRMPL
31.	11.07.2022, 6.07.2022, 21.07.2022, 23.07.2022 and	Inspection report of 130 MLD STP and IPSs of Jajmau facilities Phase 1,Inspection report issued on 28.07.2022	Not complied by KRMPL

	25.07.2022		
32.	08.08.2022	ED(P),NMCG and Rajat Gupta Sir site visited on 06.06.2022 and instructed to KRMPL as per M.O.M	Not complied by KRMPL
33.	02.08.2022 and 23.08.2022.	Inspection report of 130 MLD STP Jajmau facilities phase 1, inspection report issued 31.08.2022	Not complied by KRMPL
34.	06.09.2022 ,05.09.2022, 20.09.2022 and 23.09.202	Inspection report of 130 MLD STP Jajmau facilities phase 1, inspection report issued 30.09.2022	Not complied by KRMPL
35.	13.10.2022 & 17.10.2022,	Inspection Report of 130 MLD Jajmau facilities phase 1, inspection report issued on 17.10.2022	KRMPL has submitted compliance report vide KRMPL letter no.168 dated 31.10.2022
36.	27.10.2022	Inspection Report of IPSs (Nawabganj IPS, Parmat IPS, Baba Ghat IPS, & Guptar Ghat IPS) issued on 31.10.2022	Not complied by KRMPL
36.	29.11.2022	Inspection Report of IPSs (Nawabganj IPS, Parmat IPS, Baba Ghat IPS, & Guptar Ghat IPS) issued on 30.11.2022	Not complied by KRMPL

Details of 130 MLD STP Jajmau and associated infrastructure's Balance / Pending Works Status and Inspection Report for Nov. 2022 are attached separately with this MPR as:

Annexure 3.1: Balance Work Status for 130 MLD STP Jajmau (Nov. 2022)

Attached separately

Annexure-3.2: Annexure 3.2: Monthly Activity Report Jajmau 130 MLD

Attached separately

Annexure-3.3: Inspection Report of Jajmau 130 MLD IPSs

Attached separately

Milestone wise activities and their progress of work for 130MLD STP Jajmau Phase-1 facilities are given in Table.

Table 7.1: Milestone wise progress – 130 MLD Jajmau Phase I STP

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
I	Design & Drawing of STP																
i.	On approval of BEP	100 %	480,32,000.00	100 %	480,32,000.00				-				-				-
ii.	On approval of design & drawings for Civil works	25 %	120,08,000.00	25 %	120,08,000.00	75 %	360,24,000.00	75%	360,24,000.00				-				-
									-				-				-
II	REHABILITATION/RENOVATION OF EXISTING STP & IPSS																
A.	Civil Work																
i.	Retrofication for Collection chamber	100 %	51,87,456.00	100 %	51,87,456.00				-				-				-
ii.	Retrofication for Fine Screen Channel(Mechanical)	35 %	63,54,633.60	35 %	63,54,633.60	30 %	54,46,828.80	30%	54,46,828.80	35 %	63,54,633.60	35 %	63,54,633.60				-
iii.	Retrofication for Fine Screen Channel(Manual)	100 %	51,87,456.00	100 %	51,87,456.00				-				-				-
iv.	Retrofication	35		35		30		30%		35		35					

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	for Grit Chamber	%	63,54,633.60	%	63,54,633.60	%	54,46,828.80		54,46,828.80	%	63,54,633.60	%	63,54,633.60				-
v.	Retrofication for Parshall Flume	100 %	51,87,456.00	100 %	51,87,456.00		-		-				-				-
vi.	Retrofication for Distribution Chamber for Primary Clarifier	100 %	51,87,456.00	100 %	51,87,456.00		-		-				-				-
vii.	Retrofication for Primary Sedimentation Tank	35 %	63,54,633.60	35 %	63,54,633.60	30 %	54,46,828.80	30%	54,46,828.80	35 %	63,54,633.60	35 %	63,54,633.60				-
viii.	Retrofication for Distribution chamber for Aeration Tank	100 %	51,87,456.00	100 %	51,87,456.00		-		-				-				-
ix.	Retrofication for Aeration Tank	30 %	54,46,828.80	20 %	36,31,219.20	35 %	63,54,633.60		-	35 %	63,54,633.60		-				-
x.	Retrofication for Distribution Chamber for final Sedimentation Tank	100 %	51,87,456.00	100 %	51,87,456.00		-		-				-				-
xi.	Retrofication for final Sedimentation Tank	30 %	54,46,828.80	30 %	54,46,828.80	35 %	63,54,633.60	35%	63,54,633.60	35 %	63,54,633.60	10 %	18,15,609.60				-
xii.	Retrofication for Blending Tank	100 %	51,87,456.00	100 %	51,87,456.00				-				-				-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
xiii.	Retrofication for Gravity Sludge Thickener	-				50 %	90,78,048.00	50%	90,78,048.00	50 %	90,78,048.00	50 %	90,78,048.00				-
xiv.	Retrofication for Thickened Sludge Sump	-				100 %	51,87,456.00	100 %	51,87,456.00		-		-		-		-
xv.	Retrofication for Primary Sludge Digestor	-				50 %	90,78,048.00	50%	90,78,048.00	50 %	90,78,048.00	10 %	18,15,609.60		-		-
xvi.	Retrofication for Secondary Digestor	-				100 %	77,81,184.00	26.56 %	20,66,458.90		-		-		-		-
xvii.	Retrofication for Digested Sludge Sump	-				100 %	51,87,456.00	100 %	51,87,456.00		-		-		-		-
xviii.	Retrofication for Gas Holder	-				50 %	25,93,728.00	50%	25,93,728.00	50 %	25,93,728.00	50 %	25,93,728.00		-		-
xix.	Retrofication for Return Sludge Sump	-				100 %	51,87,456.00	100 %	51,87,456.00		-		-		-		-
xx.	Retrofication for Centrate/Super natant Sump	-				100 %	51,87,456.00	100 %	51,87,456.00		-		-		-		-
xxi.	Retrofication for MCC Panel Room	-				50 %	38,90,592.00	50%	38,90,592.00	50 %	38,90,592.00	50 %	38,90,592.00		-		-
xxii.	Retrofication for Gas Engine Room	-				50 %	38,90,592.00	50%	38,90,592.00	50 %	38,90,592.00	50 %	38,90,592.00		-		-
xxiii.	Retrofication for Return	-				50 %	38,90,592.00	50%	38,90,592.00	50 %	38,90,592.00	50 %	38,90,592.00				-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	Sludge Pump House						0		0		0		0				
xxiv.	Retrofication for Thickened Sludge Pumping Station	-				50 %	38,90,592.00	50%	38,90,592.00	50 %	38,90,592.00	50 %	38,90,592.00	-		-	
xxv.	Retrofication for Digested Sludge Pump Station	-				50 %	25,93,728.00	50%	25,93,728.00	50 %	25,93,728.00	50 %	25,93,728.00	-		-	
xxvi.	Retrofication for Centrifuge building/belt filter press bldg	-				50 %	51,87,456.00	50%	51,87,456.00	50 %	51,87,456.00	50 %	51,87,456.00				-
xxvii.	Retrofication for Digester Sludge Pumping Station (Building)	-				50 %	25,93,728.00	50%	25,93,728.00	50 %	25,93,728.00	50 %	25,93,728.00	-		-	
xxviii.	Retrofication for Biogas Compressor Room	-					-		-	50 %	25,93,728.00	50 %	25,93,728.00	50 %	25,93,728.00	50%	25,93,728.00
xxix.	Retrofication for Gas Flaring Unit	-					-		-	50 %	12,96,864.00	50 %	12,96,864.00	50 %	12,96,864.00	50%	12,96,864.00
xxx.	Retrofication for Cooling Tower	-					-		-	50 %	6,48,432.00	50 %	6,48,432.00	50 %	6,48,432.00	50%	6,48,432.00
xxxi.	Retrofication for Scrubber Unit	-					-		-	50 %	6,48,432.00	50 %	6,48,432.00	50 %	6,48,432.00	50%	6,48,432.00

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
B.	Mechanical Work(Renovati on/New Procurement)																
i.	Mechanical Fine Screen - Supply	80 %	62,24,947.20	80 %	62,24,947.20	-		-		-		-		-		-	
ii.	Mechanical Fine Screen - Installation	7.0 %	5,44,682.88	7%	5,44,682.88	7.0 %	5,44,682.88	7%	5,44,682.88	6%	4,66,871.04	6%	4,66,871.04	-		-	
iii.	Manual Fine Screen - Supply	80 %	41,49,964.80	80 %	41,49,964.80	-		-		-		-		-		-	
iv.	Manual Fine Screen - Installation	20 %	10,37,491.20	20 %	10,37,491.20	-		-		-		-		-		-	
v.	Grit Mechanism - Supply	80 %	62,24,947.20	80 %	62,24,947.20	-		-		-		-		-		-	
vi.	Grit Mechanism - Installation	7.00%	5,44,682.88	7%	5,44,682.88	6.0 %	4,66,871.04	6%	4,66,871.04	7%	5,44,682.88	7%	5,44,682.88	-		-	
vii.	Primary Clarifier Mechanism - Supply	-		-		80 %	62,24,947.20	80%	62,24,947.20	-		-		-		-	
viii.	Primary Clarifier Mechanism - Installation	-		-		9%	7,00,306.56	9%	7,00,306.56	11 %	8,55,930.24	6%	4,66,871.04	-		-	
ix.	Surface Aerator - Supply	25 %	64,84,320.00	25 %	64,84,320.00	25 %	64,84,320.00	25%	64,84,320.00	30 %	77,81,184.00	30 %	77,81,184.00				-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
x.	Surface Aerator - Installation	6.5 %	16,86,883.84	6.5 %	16,85,923.20	6.2 %	16,11,953.92	6.22 %	16,11,953.92	7.3 %	18,88,233.98	5.0 %	12,96,864.00		-		-
xi.	FST Mechanism - Supply	-	-	-	-	40 %	41,49,964.80	40.0 %	41,49,964.80	40 %	41,49,964.80	40 %	41,49,964.80	-	-		-
xii.	FST Mechanism - Installation	-	-	-	-	-	-	-	-	20 %	20,74,982.40	18 %	18,67,484.16	-	-		-
xiii.	Return Sludge Pumps - Supply	-	-	-	-	40 %	41,49,964.80	40%	41,49,964.80	40 %	41,49,964.80	40 %	41,49,964.80	-	-		-
xiv.	Return Sludge Pumps - Installation	-	-	-	-	-	-	-	-	-	-	-	-	20 %	20,74,982.40	20%	20,74,982.40
xv.	Gravity Thickener Mechanism - Supply	-	-	-	-	-	-	-	-	80 %	82,99,929.60	80 %	82,99,929.60	-	-		-
xvi.	Gravity Thickener Mechanism - Installation	-	-	-	-	-	-	-	-	-	-	-	-	20 %	20,74,982.40	20%	20,74,982.40
xvii.	Digester Feed Pumps - Supply	60 %	62,24,947.20	60 %	62,24,947.20	20 %	20,74,982.40	20%	20,74,982.40	-	-	-	-	-	-		-
xviii.	Digester Feed Pumps - Installation	-	-	-	-	20 %	20,74,982.40	-	-	-	-	-	-	-	-		-
xix.	Sludge Digester Mixer - Primary - Supply	80 %	41,49,964.80	-	-	-	-	-	-	-	-	-	-	-	-		-
xx.	Sludge Digester Mixer - Primary	-	-	-	-	20 %	10,37,491.2	-	-	-	-	-	-	-	-		-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	- Installation						0										
xxi.	Digester Sludge Recirculation Pump - Supply	-		-		80 %	41,49,964.80	80%	41,49,964.80	-		-		-		-	
xxii.	Digester Sludge Recirculation Pump - Installation	-		-		-		-		-		-		20 %	10,37,491.20	-	
xxiii.	Digester Sludge Heating System and Ancilliary Equipment-Supply	-		-		80 %	41,49,964.80	-		-		-		-		-	
xxiv.	Digester Sludge Heating System and Ancilliary Equipment-Installation	-		-		-		-		-		-		20 %	10,37,491.20	-	
xxv.	Digested Sludge /Centrifuge Feed Pumps - Supply	-		-		80 %	41,49,964.80	80%	41,49,964.80	-		-				-	
xxvi.	Digested Sludge /Centrifuge Feed Pumps - Installation	-		-				-		20 %	10,37,491.20	-		-		-	
xxvii.	Centrifuge Machine - Supply	-		-		-		-		80 %	41,49,964.80	-				-	
xxviii.	Centrifuge Machine -	-		-				-				-		20 %	10,37,491.2	-	

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	Installation														0		
xxix.	Supertanant Pumps - Supply	80 %	41,49,964.80		-		-		-		-		-		-		-
xxx.	Supertanant Pumps - Installation		-		-	20 %	10,37,491.20		-		-		-		-		-
xxxi.	Gas Scrubber with ancilliary equipment - Supply		-		-		-		-		-		-	80 %	41,49,964.80		-
xxxii.	Gas Scrubber with ancilliary equipment - Installation		-		-		-		-		-		-	20 %	10,37,491.20		-
xxxiii.	Gas Engine with ancilliary equipment - Supply		-		-		-		-		-		-	80 %	41,49,964.80	80%	41,49,964.80
xxxiv.	Gas Engine with ancilliary equipment - Installation		-		-		-		-		-		-	20 %	10,37,491.20		-
xxxv.	Gas Flaring System - Supply		-		-		-		-		-		-	80 %	41,49,964.80	80%	41,49,964.80
xxxvi.	Gas Flaring System - Installation		-		-		-		-		-		-	20 %	10,37,491.20		-
xxxvii.	Agitator for blending tank - Supply	80 %	41,49,964.80	80 %	41,49,964.80				-				-				-
xxxviii.	Agitator for blending tank -		-		-		-		-	20 %	10,37,491.2	20 %	10,37,491.2				-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	Installation										0		0				
xxxix.	Agitator for Digester Feed Sump - Supply	80 %	41,49,964.80	80 %	41,49,964.80			-					-				-
xxxx.	Agitator for Digester Feed Sump - Installation		-		-		-		-	20 %	10,37,491.20	20 %	10,37,491.20				-
xxxxi.	Agitator for Centrifuge Feed Sump - Supply	80 %	41,49,964.80	80 %	41,49,964.80		-		-		-		-		-		-
xxxxii.	Agitator for Centrifuge Feed Sump - Installation		-		-		-		-	20 %	10,37,491.20		-		-		-
xxxixiii.	Agitator for Poly Dosing Tank - Supply	80 %	41,49,964.80	80 %	41,49,964.80		-		-		-		-		-		-
xxxixiv.	Agitator for Poly Dosing Tank - Installation		-		-		-		-	20 %	10,37,491.20		-		-		-
xxxixv.	Poly Dosing Pumps - Supply	80 %	41,49,964.80	80 %	41,49,964.80		-		-		-		-		-		-
xxxixvi.	Poly Dosing Pumps - Installation		-		-		-		-	20 %	10,37,491.20		-		-		-
xxxixvii.	Valves - Supply		-		-		-		-	80 %	82,99,929.60	25 %	25,93,728.00		-		-
xxxixvii.	Valves -									10		10		10			

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
i.	Installation		-		-		-		-	%	10,37,491.20	%	10,37,491.20	%	10,37,491.20		-
xxxxix.	Gates (Open Channel) - Supply		-		-		-		-	80 %	82,99,929.60	60 %	62,24,947.20		-		-
xxxxx.	Gates (Open Channel) - Installation		-		-		-		-	10 %	10,37,491.20	12 %	12,44,989.44	10 %	10,37,491.20		-
xxxxxi.	Existing Duel Fuel Generators		-		-		-		-				-	100 %	51,87,456.00		-
xxxxxii	Gas Holder Dome- Fabrication		-		-		-		-				-	100 %	51,87,456.00		-
xxxxxii i.	Borewell Pump - Supply		-		-	80 %	41,49,964.80	80%	41,49,964.80		-		-		-		-
xxxxxi v.	Borewell Pump - Installation		-		-		-		-	20 %	10,37,491.20	10 %	5,18,745.60		-		-
xxxxxv .	Service Water Pump - Supply	80 %	41,49,964.80	80 %	41,49,964.80		-		-		-		-		-		-
xxxxxvi i.	Service Water Pump - Installation		-		-	20 %	10,37,491.20		-		-		-		-		-
xxxxxv ii.	Overhead Tank - Supply		-		-		-		-		-		-	80 %	41,49,964.80		-
xxxxxv iii.	Overhead Tank - Erection		-		-		-		-		-		-	20 %	10,37,491.20		-
xxxxxi x.	Dewatering Pump for Dry		-		-	80 %	41,49,964.8	80%	41,49,964.8		-		-		-		-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	well - Supply						0		0								
xxxxxx .	Dewatering Pump for Dry well - Erection		-		-	10 %	5,18,745.60	10%	5,18,745.60	10 %	5,18,745.60		-		-		-
xxxxxx i.	Monorail for lifting arrangement - Supply	80 %	41,49,964.80	80 %	41,49,964.80				-				-				-
xxxxxx ii.	Monorail for lifting arrangement - Installation	20 %	10,37,491.20	20 %	10,37,491.20				-				-				-
xxxxxx iii.	DI Pipes & Fittings - Supply		-		-	40 %	20,74,982.40	40%	20,74,982.40	40 %	20,74,982.40	40 %	20,74,982.40				-
xxxxxx iv.	DI Pipes & Fittings - Installation		-		-				-	20 %	10,37,491.20	5%	2,59,372.80				-
xxxxxx v.	MS Pipes & Fittings - Supply		-		-	40 %	20,74,982.40	40%	20,74,982.40	40 %	20,74,982.40	40 %	20,74,982.40				-
xxxxxx vi.	MS Pipes & Fittings - Erection		-		-				-	20 %	10,37,491.20		-				-
xxxxxx vii.	SS Pipes & Fittings - Supply		-		-	40 %	20,74,982.40	10%	5,18,745.60	40 %	20,74,982.40		-				-
xxxxxx viii.	SS Pipes & Fittings - Erection		-		-				-	20 %	10,37,491.20	1%	51,874.56				-
xxxxxx ix.	Lab Equipment - Supply		-		-				-				-	80 %	41,49,964.80		-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
xxxxxx x.	Lab equipment-Installation	-		-				-				-		20 %	10,37,491.20		-
xxxxxx xi.	Testing & Commissioning for Mechanical Items	-		-				-		-		-		100 %	129,68,640.00	30.00 %	38,90,592.00
C.	Electrical Work(Renovati on/New Procurement)																
i.	Supply of DP structure			-		-		-				-		80 %	38,42,560.00	80%	38,42,560.00
ii.	Installation of DP structure			-		-		-				-		20 %	9,60,640.00	20%	9,60,640.00
iii.	Supply of HT Metering Panel			-				-		-		-		80 %	38,42,560.00		-
iv.	Installation of HT Metering Panel			-				-		-		-		20 %	9,60,640.00		-
v.	Supply of HT VCB panel			-				-		-		-		80 %	76,85,120.00	80%	76,85,120.00
vi.	Installation of HT VCB panel			-				-		-		-		20 %	19,21,280.00		-
vii.	Supply of Transformer	80 %	76,85,120.00	80 %	76,85,120.00			-				-			-		-
viii.	Installation of Transformer			-				-		20 %	19,21,280.00	20 %	19,21,280.00		-		-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
											0		0				
ix.	Supply of Main PCC panel	80 %	76,85,120.00		-				-				-		-		-
x.	Installation of Main PCC panel				-				-	20 %	19,21,280.00		-		-		-
xi.	Supply of Other equipments panel (MCC-2 PANEL)/Bar screen panel/Thickener Panel				-				-				-	80 %	76,85,120.00	10%	9,60,640.00
xii.	Installation of Other equipments panel (MCC-2 PANEL)/Bar screen panel/Thickener Panel				-				-				-	20 %	19,21,280.00	1%	96,064.00
xiii.	Supply of Digester system panel (MCC-3 PANEL)				-				-				-	80 %	76,85,120.00		-
xiv.	Installation of Digester system panel (MCC-3 PANEL)				-				-				-	20 %	19,21,280.00		-
xv.	Supply of APFCR panel with AL reactor				-				-				-	80 %	38,42,560.00		-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
xvi.	Installation of APFCR panel with AL reactor				-				-				-	20 %	9,60,640.00		-
xvii.	Supply of Aerators & Other equipment panel (MCC-1 PANEL)				-				-				-	80 %	38,42,560.00		-
xviii.	Installation of Aerators & Other equipment panel (MCC-1 PANEL)				-				-				-	20 %	9,60,640.00		-
xix.	Supply of LPBS for Motors				-		-		-				-	80 %	38,42,560.00		-
xx.	Installation of LPBS for Motors				-		-		-				-	20 %	9,60,640.00		-
xxi.	Supply of Cable Tray				-				-		-		-	80 %	38,42,560.00	80%	38,42,560.00
xxii.	Installation of Cable Tray				-				-		-		-	20 %	9,60,640.00	10%	4,80,320.00
xxiii.	Supply of LT Cable				-				-		-		-	80 %	38,42,560.00	80%	38,42,560.00
xxiv.	Installation of LT Cable				-				-		-		-	20 %	9,60,640.00	8%	3,84,256.00

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
xxv.	Supply of Street Light Fixture				-				-				-	80 %	38,42,560.00	72%	34,58,304.00
xxvi.	Installation of Street Light Fixture				-				-				-	20 %	9,60,640.00	18%	8,64,576.00
xxvii.	Earthing Work				-				-				-	100 %	48,03,200.00	80%	38,42,560.00
xxviii.	Testing & Commissioning for Electrical Items		-		-				-		-		-	100 %	48,03,200.00	40%	19,21,280.00
D.	SUMP CUM PUMP HOUSE (200 MLD)																
a.	CIVIL WORK																
i.	Excavation	100 %	17,53,168.00	100 %	17,53,168.00		-		-				-				-
ii.	PCC	100 %	35,06,336.00	90 %	31,55,702.40		-		-				-				-
iii.	Raft Foundation/Raft		-		-	100 %	52,59,504.00		-				-		-		-
iv.	Column & Beam work		-		-	100 %	52,59,504.00		-				-		-		-
v.	Wall 50% of total lift work		-		-		-		-	100 %	52,59,504.00		-		-		-
vi.	Walls (balance									100							

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	50% of Total Lift work)		-		-		-		-	%	52,59,504.00		-		-		-
vii.	Ground Floor Slab		-		-		-		-	100 %	17,53,168.00		-		-		-
viii.	Roof Slab		-		-		-		-	100 %	17,53,168.00		-		-		-
ix.	Brickwork & Plaster		-		-		-		-		-		-	100 %	35,06,336.00		-
x.	Finishing Work		-		-		-		-		-		-	100 %	17,53,168.00		-
b.	MECHANICAL WORK																
	PUMPING SYSTEM																
	(i) On supply of machinery/equipment at site				-				-	60 %	138,33,216.00	60 %	138,33,216.00	40 %	92,22,144.00	40%	92,22,144.00
	(ii) On completion of erection works				-				-				-	100 %	43,22,880.00	6%	2,59,372.80
	(iii) On completion of Testing of equipment				-				-				-	100 %	14,40,960.00		-
	EOT/HOIST WORKS																
	(i) On supply of machinery/equipment				-				-	100 %	61,48,096.00	100 %	61,48,096.00				-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	ipment at site									0		0					
	(ii) On completion of erection works				-				-				-	100%	11,52,768.00		-
	(iii) On completion of Testing of equipment				-				-				-	100%	3,84,256.00		-
	ELECTRICAL WORK																
	(i) On supply of machinery/equipment at site				-				-	100%	49,95,328.00	50%	24,97,664.00				-
	(ii) On completion of erection works				-				-				-	100%	9,36,624.00		-
	(iii) On completion of Testing of equipment				-				-				-	100%	3,12,208.00		-
									-				-				-
E.	Chlorination Tank Area																
i.	Excavation	100%	4,80,320.00		-				-				-				-
i.	PCC	100%	9,60,640.00		-				-				-				-
ii.	RCC Foundation/Raft		-		-	100%	14,40,960.00		-				-				-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
iii.	Wall 50% of total lift work		-		-	100 %	19,21,280.00		-				-				-
iv.	Walls (balance 50% of Total Lift work)		-		-		-		-	100 %	19,21,280.00		-				-
v.	Baffle Walls work		-		-		-		-	100 %	9,60,640.00		-				-
vi.	Brickwork & Plaster		-		-		-		-	100 %	14,40,960.00		-		-		-
ix.	Finishing Work		-		-				-				-	100 %	4,80,320.00		-
F	Chlorination Room Area																
i.	Excavation	100 %	4,80,320.00		-				-				-				-
i.	PCC	100 %	9,60,640.00		-				-				-				-
ii.	RCC Foundation/Column Footing		-		-	100 %	14,40,960.00		-				-				-
iii.	Column & Beam work		-		-	100 %	19,21,280.00		-				-				-
iv.	Ground Floor Slab		-		-		-		-	100 %	19,21,280.00		-				-
v.	Roof Slab		-		-		-		-	100 %	9,60,640.00		-				-
vi.	Brickwork		-		-		-		-	100 %	9,60,640.00		-		-		-
ix.	Plaster									100							

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
			-		-				-	%	4,80,320.00		-		-		-
x.	Finishing Work		-		-				-				-	100%	4,80,320.00		-
a.	MECHANICAL WORK																
	CHLORINATION SYSTEM																
	(i) On supply of machinery/equipment at site				-				-		-		-	100%	207,49,824.00	100%	207,49,824.00
	(ii) On completion of erection works				-				-				-	100%	38,90,592.00		-
	(iii) On completion of Testing of equipment				-				-				-	100%	12,96,864.00		-
	HOIST WORKS																
	(i) On supply of machinery/equipment at site				-				-	100%	34,58,304.00	80%	27,66,643.20				-
	(ii) On completion of erection works				-				-				-	100%	6,48,432.00		-
	(iii) On completion of Testing of equipment				-				-				-	100%	2,16,144.00		-
	ELECTRICAL & INSTRUMENTA																

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	TION WORK																
	(i) On supply of machinery/equipment at site				-				-	100 %	57,63,840.00		-				-
	(ii) On completion of erection works				-				-				-	100 %	10,80,720.00		-
	(iii) On completion of Testing of equipment				-				-				-	100 %	3,60,240.00		-
III.	RENOVATION WORK for IPS (4 nos) & CSPS (1no)																
a.i.	Civil Works								-				-				-
	(i) Nawabganj IPS								-				-				-
	a. Retrofication of Inlet Chamber	100 %	13,44,896.00	100 %	13,44,896.00				-				-				-
	b. Retrofication of Screen Chamber	100 %	13,44,896.00	100 %	13,44,896.00				-				-				-
	c. Retrofication of Wet Well				-	100 %	13,44,896.00	100 %	13,44,896.00				-				-
	d. Retrofication of Pump House				-	100 %	13,44,896.00	100 %	13,44,896.00				-				-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
a. ii.	Mechanical Work(Servicing & Overhauling/New Procurement)																
	(i) Nawabganj IPS								-				-				-
	a. Supply of Centrifugal Pump				-	80 %	10,75,916.80	80%	10,75,916.80				-				-
	b. Installation of Centrifugal Pump				-				-	20 %	2,68,979.20	10 %	1,34,489.60				-
	c. SS/MS Structural Work - Supply				-	80 %	5,37,958.40	40%	2,68,979.20				-				-
	d. SS/MS Structural Work - Fabrication				-				-	20 %	1,34,489.60	10 %	67,244.80				-
	e. Valves and NRV - Supply				-				-	80 %	10,75,916.80	80 %	10,75,916.80				-
	f. Valves and NRV - Installation				-				-				-	20 %	2,68,979.20	10%	1,34,489.60
	g. Pipe & Fitting - Supply				-				-	80 %	5,37,958.40	80 %	5,37,958.40				-
	h. Pipe & Fittings - Erection				-				-				-	20 %	1,34,489.60	10%	67,244.80
	i. Monorail for lifting	80 %	5,37,958.40	80 %	5,37,958.40				-				-				-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	arrangement - Supply																
	j. Monorail for lifting arrangement - Installation				-	20 %	1,34,489.60	20%	1,34,489.60				-				-
	k. Dewatering Pump for dry well - Supply	80 %	5,37,958.40		-				-				-				-
	l. Dewatering Pump for dry well - Installation				-	20 %	1,34,489.60		-				-				-
a. iii.	Electrical Work(Servicing & Overhauling/New Procurement)	-		-		-		-		50 %	6,72,448.00	-		50 %	6,72,448.00	-	
a. iv.	Testing & Commissioning	-		-		-		-		-		-		10 0%	13,44,896.00		-
b.i.	Civil Works																
	(i) Parmat IPS																
	a. Retrofication of Inlet Chamber	100 %	13,44,896.00	10 0%	13,44,896.00			-				-					-
	b. Retrofication of Screen Chamber	100 %	13,44,896.00	10 0%	13,44,896.00			-				-					-
	c. Retrofication of Wet Well				-	100 %	13,44,896.00	100 %	13,44,896.00			-					-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	d. Retrofication of Pump House				-	100 %	13,44,896.00	100 %	13,44,896.00				-				-
ii.	Mechanical Work(Servicing & Overhauling/New Procurement)																
	(i) Parmat IPS								-				-				-
	a. Supply of Centrifugal Pump				-	80 %	10,75,916.80	80%	10,75,916.80				-				-
	b. Installation of Centrifugal Pump				-				-	20 %	2,68,979.20	5%	67,244.80				-
	c. SS/MS Structural Work - Supply				-	80 %	5,37,958.40	80%	5,37,958.40				-				-
	d. SS/MS Structural Work - Fabrication				-				-	20 %	1,34,489.60	20 %	1,34,489.60				-
	e. Valves and NRV - Supply				-				-	80 %	10,75,916.80		-				-
	f. Valves and NRV - Installation				-				-				-	20 %	2,68,979.20		-
	g. Pipe & Fitting - Supply				-				-	80 %	5,37,958.40		-				-
	h. Pipe & Fittings -				-				-				-	20 %	1,34,489.60		-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	Erection																
	i. Monorail for lifting arrangement - Supply	80 %	5,37,958.40	80 %	5,37,958.40				-				-				-
	j. Monorail for lifting arrangement - Installation				-	20 %	1,34,489.60	20%	1,34,489.60				-				-
	k. Dewatering Pump for dry well - Supply	80 %	5,37,958.40		-				-				-				-
	l. Dewatering Pump for dry well - Installation				-	20 %	1,34,489.60		-				-				-
iii.	Electrical Work(Servicing & Overhauling/New Procurement)	-		-		-		-		50 %	6,72,448.00	-		50 %	6,72,448.00	-	
iv.	Testing & Commissioning	-		-		-		-		-		-		100 %	13,44,896.00		-
c.i.	Civil Works																
	(i) Baba Ghat IPS																
	a. Retrofication of Inlet Chamber	100 %	13,44,896.00	100 %	13,44,896.00				-				-				-
	b. Retrofication of Screen	100 %	13,44,896.00	100 %	13,44,896.00				-				-				-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	Chamber				0												
	c. Retrofication of Wet Well				-	100 %	13,44,896.00	100 %	13,44,896.00				-				-
	d. Retrofication of Pump House				-	100 %	13,44,896.00	100 %	13,44,896.00				-				-
ii.	Mechanical Work(Servicing & Overhauling/New Procurement)																
	(i) Baba Ghat IPS								-				-				-
	a. Supply of Submersible Pump alongwith Electric Motor				-	80 %	10,75,916.80	80%	10,75,916.80				-				-
	b. Installation of Submersible Pump alongwith Electric Motor				-				-	20 %	2,68,979.20	20 %	2,68,979.20				-
	c. SS/MS Structural Work - Supply				-	80 %	5,37,958.40	70%	4,70,713.60				-				-
	d. SS/MS Structural Work - Fabrication				-				-	20 %	1,34,489.60	14 %	94,142.72				-
	e. Valves and									80		80					

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	NRV - Supply				-				-	%	10,75,916.80	%	10,75,916.80				-
	f. Valves and NRV - Installation				-				-				-	20 %	2,68,979.20	20%	2,68,979.20
	g. Pipe & Fitting - Supply				-				-	80 %	5,37,958.40	80 %	5,37,958.40				-
	h. Pipe & Fittings - Erection				-				-				-	20 %	1,34,489.60	20%	1,34,489.60
	i. Monorail for lifting arrangement - Supply	80 %	5,37,958.40	80 %	5,37,958.40				-				-				-
	j. Monorail for lifting arrangement - Installation				-	20 %	1,34,489.60	20%	1,34,489.60				-				-
	k. Dewatering Pump for dry well - Supply	80 %	5,37,958.40		-				-				-				-
	l. Dewatering Pump for dry well - Installation				-	20 %	1,34,489.60		-				-				-
iii.	Electrical Work(Servicing & Overhauling/New Procurement)		-		-		-		-	70 %	9,41,427.20		-	30 %	4,03,468.80		-
iv.	Testing & Commissioning		-		-		-		-		-		-	100 %	13,44,896.00		-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
d.i.	Civil Works																
	(i) Guptar Ghat IPS																
	a. Retrofication of Inlet Chamber	100 %	13,44,896.00	100 %	13,44,896.00				-				-				-
	b. Retrofication of Screen Chamber	100 %	13,44,896.00	100 %	13,44,896.00				-				-				-
	c. Retrofication of Wet Well				-	100 %	13,44,896.00	100 %	13,44,896.00				-				-
	d. Retrofication of Pump House				-	100 %	13,44,896.00	100 %	13,44,896.00				-				-
ii.	Mechanical Work(Servicing & Overhauling/New Procurement)																
	(i) Guptar Ghat IPS								-				-				-
	a. Supply of Centrifugal Pump				-	80 %	10,75,916.80		-				-				-
	b. Installation of Centrifugal Pump				-				-	20 %	2,68,979.20		-				-
	c. SS/MS Structural Work - Supply				-	80 %	5,37,958.40		-				-				-
	d. SS/MS									20							

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	Structural Work - Fabrication				-				-	%	1,34,489.60		-				-
	e. Valves and NRV - Supply				-				-	80 %	10,75,916.80		-				-
	f. Valves and NRV - Installation				-				-				-	20 %	2,68,979.20		-
	g. Pipe & Fitting - Supply				-				-	80 %	5,37,958.40		-				-
	h. Pipe & Fittings - Erection				-				-				-	20 %	1,34,489.60		-
	i. Monorail for lifting arrangement - Supply	80 %	5,37,958.40		-				-				-				-
	j. Monorail for lifting arrangement - Installation				-	20 %	1,34,489.60		-				-				-
	k. Dewatering Pump for dry well - Supply	80 %	5,37,958.40		-				-				-				-
	l. Dewatering Pump for dry well - Installation				-	20 %	1,34,489.60		-				-				-
iii.	Electrical Work(Servicing & Overhauling/New		-		-		-		-	50 %	6,72,448.00		-	50 %	6,72,448.00		-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	Procurement)																
iv.	Testing & Commissioning	-		-		-		-		-		-		100%	13,44,896.00		-
e.i.	Civil Works																
	(i) CSPS - Jajmau																
	a. Retrofication of Inlet Chamber	100%	13,44,896.00	100%	13,44,896.00				-				-				-
	b. Retrofication of Screen Chamber	100%	13,44,896.00	100%	13,44,896.00				-				-				-
	c. Retrofication of Wet Well				-	100%	13,44,896.00	100%	13,44,896.00				-				-
	d. Retrofication of Pump House				-	100%	13,44,896.00	100%	13,44,896.00				-				-
ii.	Mechanical Work(Servicing & Overhauling/New Procurement)																
	(i) CSPS - Jajmau								-				-				-
	a. Supply of Centrifugal Pump				-	80%	10,75,916.80		-				-				-
	b. Installation									20							

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	of Centrifugal Pump				-				-	%	2,68,979.20		-				-
	c. SS/MS Structural Work - Supply				-	80 %	5,37,958.40		-				-				-
	d. SS/MS Structural Work - Fabrication				-				-	20 %	1,34,489.60		-				-
	e. Valves and NRV - Supply				-				-	80 %	10,75,916.80		-				-
	f. Valves and NRV - Installation				-				-				-	20 %	2,68,979.20		-
	g. Pipe & Fitting - Supply				-				-	80 %	5,37,958.40		-				-
	h. Pipe & Fittings - Erection				-				-				-	20 %	1,34,489.60		-
	i. Monorail for lifting arrangement - Supply	80 %	5,37,958.40		-				-				-				-
	j. Monorail for lifting arrangement - Installation				-	20 %	1,34,489.60		-				-				-
	k. Dewatering Pump for dry well - Supply		-		-	80 %	5,37,958.40		-				-				-
	l. Dewatering Pump for dry well -				-	20 %	1,34,489.60		-		-		-				-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	Installation																
	k. Mechanical & Manual Bar Screen - Supply	80 %	5,37,958.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	l. Mechanical & Manual Bar Screen - Installation	-	-	-	-	20 %	1,34,489.60	-	-	-	-	-	-	-	-	-	-
iii.	Electrical Work(Servicing & Overhauling/New Procurement)	-	-	-	-	-	-	-	-	51.5 %	3,46,214.66	-	-	49 %	3,26,617.60	-	-
iv.	Testing & Commissioning	-	-	-	-	-	-	-	-	-	-	-	-	100 %	13,44,896.00	-	-
IV.	RTOLM WORK for STP ,IPS & CSPA Aea																
1	STP Aea																
i.	Supply of Local Field Instruments for STP facility	-	-	-	-	-	-	-	-	80 %	26,89,792.00	10 %	3,36,224.00	-	-	-	-
ii.	Installation of Local Field Instruments for STP facility	-	-	-	-	-	-	-	-	20 %	6,72,448.00	-	-	-	-	-	-
iii.	Supply of Remote Field Instruments for	-	-	-	-	-	-	-	-	80 %	26,89,792.00	-	-	-	-	-	-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	STP facility																
iv.	Installation of Remote Field Instruments for STP facility	-		-				-		20 %	6,72,448.00	-		-		-	
v.	Supply of False Floor at PLC Control Room for STP facility	-		-				-		80 %	19,21,280.00	-		-		-	
vi.	Installation of False Floor at PLC Control Room for STP facility	-		-				-		20 %	4,80,320.00	-		-		-	
vii.	Supply of AC at PLC Control Room for STP facility	-		-				-		-		-		80 %	7,68,512.00	-	
viii.	Installation of AC at PLC Control Room for STP facility	-		-				-		-		-		20 %	1,92,128.00	-	
ix.	Supply of PLC Panel for STP facility	-		-				-		-		-		80 %	26,89,792.00	-	
x.	Installation of PLC Panel for STP facility	-		-				-		-		-		20 %	6,72,448.00	-	
xi.	Supply of AC at RIO Panel Room for STP facility	-		-				-		-		-		80 %	7,68,512.00	-	
xii.	Installation of													20			

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	AC at RIO Panel Room for STP facility		-		-				-		-		-	%	1,92,128.00		-
xiii.	Supply of RIO Panel for STP facility		-		-				-		-		-	80 %	19,21,280.00		-
xiv.	Installation of RIO Panel for STP facility		-		-				-		-		-	20 %	4,80,320.00		-
xv.	Supply of UPS & UPS ACDB for STP facility		-		-				-		-		-	80 %	19,21,280.00		-
xvi.	Installation of UPS & UPS ACDB for STP facility		-		-				-		-		-	20 %	4,80,320.00		-
xvii.	Supply of Instrument, Control & Bus Cable Work for STP facility		-		-				-		-		-	80 %	38,42,560.00	30%	14,40,960.00
xviii.	Installation of Instrument, Control & Bus Cable Work for STP facility		-		-				-		-		-	20 %	9,60,640.00	5%	2,40,160.00
xix.	Testing & Commissioning of PLC & RIO for STP facility		-		-				-		-		-	100 %	24,01,600.00		-
2	IPS & CSPS Aea																
i.	Supply of Local Field		-		-				-	80 %	26,89,792.0		-				-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
	Instruments for IPS & CSPA facility										0						
ii.	Installation of Local Field Instruments for IPS & CSPA facility	-		-				-		13 %	4,37,091.20	-		7%	2,35,356.80		-
iii.	Supply of Remote Field Instruments for IPS & CSPA facility	-		-				-		-		-		80 %	26,89,792.00		-
iv.	Installation of Remote Field Instruments for IPS & CSPA facility	-		-				-		-		-		20 %	6,72,448.00		-
v.	Supply of RTU/RIO Panel for IPS & CSPA facility	-		-				-		-		-		80 %	23,05,536.00		-
vi.	Installation of RTU/RIO Panel for IPS & CSPA facility	-		-				-		-		-		20 %	5,76,384.00		-
vii.	Supply of UPS for IPS & CSPA facility	-		-				-				-		80 %	19,21,280.00		-
viii.	Installation of UPS for IPS & CSPA facility	-		-				-				-		20 %	4,80,320.00		-

Sr. No.	Description of Items	1st Milestone 10th May'21 to 15th October'21		1st Milestone 10th May'21 to 15th October'21 Achieved		2nd Milestone 16th Oct'21 to 15th March'22		2nd Milestone 16th Oct'21 to 15th March'22 Achieved		3rd Milestone 16th March'22 to 15th June'22		3rd Milestone 16th March'22 to 15th June'22 Achieved		4th Milestone 16th June'22 to 9th Aug'22		4th Milestone 16th June'22 to 9th Aug'22 Achieved	
		%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%	Amount
ix.	Supply of Instrument, Control & Bus Cable Work for IPS & CSPS facility	-		-		-		-		-		-		80 %	38,42,560.00		-
x.	Installation of Instrument, Control & Bus Cable Work for IPS & CSPS facility	-		-		-		-		-		-		20 %	9,60,640.00		-
xi.	Testing & Commissioning of RTU/RIO for IPS & CSPS facility	-		-		-		-		-		-		10 0%	24,01,600.00		-
xii.	Testing & Commissioning of Cloud based RTOLMS facility	-		-		-		-		-		-		10 0%	24,01,600.00		-
		-						-				-					-
V	TRIAL RUN & COMMISSIONING																
1	Trial Run & Commissioning			-				-				-					-
			2401,60,000.00		2153,60,117.76		2401,60,000.00		1947,75,646.10		2401,60,000.00		1441,69,008.64		2401,60,000.00		862,27,046.40

130 MLD STP JAJMAU Site Pictures during renovation period (Updated as on 30.11.2022)

Renovation of Aeration tank No. 02 in November 2022



Renovation of PST No. 1 in November 2022



Renovation of Sludge Thickener in November 2022

7.2 43 MLD JAJMAU PHASE II

It has been observed that O&M of 43 MLD Jajmau phase-II is not up to the mark from handover date. During Mr. Madhav Kumar's visit on 28.10.2022 & 29.10.2022,

- i. KRMPL informed that Gas system of 43 MLD STP which are inter-connected with 130 MLD Gas systems. KRMPL was directed to prioritize the installation of the gas-to-power generation system of 130 MLD STP to avoid the penalty for 43 MLD STP over guaranteed power consumption.
- ii. KRMPL was directed to calibrate all Flowmeters of all facilities and submit calibration reports to PE and UPJN. KRMPL committed to calibrate inlet flow meters of 130 MLD STP, 43 MLD STP & its associated IPS by 05.11.2022.

Issues & Status of Pending Compliance of 43 MLD STP:

SN	Equipment	Issues in Oct 2022	Status in Nov 2022	Compliance / Remarks
1	Mechanical Screens (Fine Screens)	<ul style="list-style-type: none"> Mechanical screens operational Automation system 	<ul style="list-style-type: none"> Mechanical screens operational Pending 	Pending from KRMPL's end
2	Grit Removal System	<ul style="list-style-type: none"> Grit removal system is functional but classifier system is not functional since handover. 	<ul style="list-style-type: none"> Classifier system is not functional since handover. 	Pending from KRMPL's end
3	Inlet Flow Meter	<ul style="list-style-type: none"> Flow meter operational Calibration pending 	<ul style="list-style-type: none"> Calibration pending 	Pending from KRMPL's end
4	Primary Sedimentation Tank	<ul style="list-style-type: none"> PST operational PST Screw pump is under maintenance. 	<ul style="list-style-type: none"> PST Screw pump is under maintenance. 	Pending from KRMPL's end
5	Sludge Digester System	<ul style="list-style-type: none"> Sludge digested system is not in working condition since handover. 	<ul style="list-style-type: none"> Sludge digested system is not in working condition since handover. 	
6	Air Blower System and Aeration Tank	<ul style="list-style-type: none"> Air blower no. 3 is under maintenance since 15.08.2022 it needs to be repaired. 	<ul style="list-style-type: none"> Air blower no. 3 is under maintenance since 15.08.2022 it needs to be repaired. 	Pending from KRMPL's end
7	Centrifuge System	<ul style="list-style-type: none"> Both Centrifuges needs to be repair. Need to be overhauled & servicing. 	<ul style="list-style-type: none"> Both Centrifuges needs to be repair. Need to be overhauled & servicing. 	Pending from KRMPL's end
8	Sludge Thickener	<ul style="list-style-type: none"> Sludge thickener non-functional since handover. 	<ul style="list-style-type: none"> Sludge cleaning work from sludge thickener is in progress. 	Pending from KRMPL's end

SN	Equipment	Issues in Oct 2022	Status in Nov 2022	Compliance / Remarks
9	Final Sedimentation Tank	<ul style="list-style-type: none"> Cleaning work need to be done. Painting work needs to be done. "V" notch need to be replaced. 	<ul style="list-style-type: none"> Cleaning work Pending Painting work pending Pending 	Pending from KRMPL's end
10	Sludge Disposal	<ul style="list-style-type: none"> Disposal of sludge is to be done by the KRMPL as per UPPCB norms. 	<ul style="list-style-type: none"> Pending 	Refer Site visit report of NMCG received via email on 23.11.2022
11	Return Sludge Pump House	<ul style="list-style-type: none"> RSPH (excess sludge) pumps no. 3 is under maintenance since 07.08.2022 it needs to be repair. 	<ul style="list-style-type: none"> Completed 	Pending from KRMPL's end
12	Power Backup (DG set)	<ul style="list-style-type: none"> Power backup (DG set) for plant operation & RTLOMS for plant online mentoring system are not available at site. 	<ul style="list-style-type: none"> Pending 	Refer Site visit report of NMCG received via email on 23.11.2022
13	RTOLMS	<ul style="list-style-type: none"> RTLOMS for plant online mentoring system are not available at site. 	<ul style="list-style-type: none"> Pending 	Pending from KRMPL's end
14	Chlorination System	<ul style="list-style-type: none"> KRMPL has not arranged temporary chlorination system 	<ul style="list-style-type: none"> No temporary arrangement for chlorination system 	Pending from KRMPL's end
15	Joint Sampling & Testing by NABL Laboratory	<ul style="list-style-type: none"> IIT Kanpur has taken only one composite sample on 17.10.2022 & 18.10.2022 and test result has not submitted by KRMPL. 	<ul style="list-style-type: none"> IIT Kanpur has taken only one composite sample on 17.10.2022 & 18.10.2022 and test result has not submitted by KRMPL. 	Pending from KRMPL's end
16	KPI adherence report	<ul style="list-style-type: none"> Weekly IIT test reports for the month of October is not submitted. 	<ul style="list-style-type: none"> Weekly IIT test reports for the month of November is not submitted. 	Pending from KRMPL's end

Following points are to be addressed by the KRMPL:-

i. Compliance of Inspection Reports.

Compliance of the above inspection reports have not been submitted by KRMPL yet.

SN	Inspection dated	Description of Inspection details	Compliances reports status
1.	21.09.2021	Inspection report issued on 30.09.2021	Not complied by KRMPL
2.	30.09.2021	Inspection report issued on 01.10.2021	Not complied by KRMPL
3.	08.10.2021,	Inspection report issued on 30.10.2021	Not complied by KRMPL
4.	25.10.2021	Inspection report issued on 30.10.2021	Not complied by KRMPL
5.	28.10.2021	Inspection report issued on 30.10.2021	Not complied by KRMPL
6.	27.11.2021	Inspection report issued on 30.11.2021(enclosed)	Not complied by KRMPL
7.	ED (Technical) Mr. D.P Mathuria inspected on 08.10.2021 and ED(Project) Mr. Ashok Kumar Singh, IAS inspected on 10.10.2021.MOM of Both inspection has been issued by STC Letter No.1215 dated 27.10.2021		
8.	Ms. Nidhi Dwivedi, Project Officer (Technical), NMCG, Mr. Bhaskar Ray, TL and Mr. Dinesh Chamoli, O&M Expert, PMC inspected site on 28.10.2021.		
9.	15.12.2021	Inspection report issued on 27.12.2021 for 43 MLD STP IPS facilities Jajmau	Not complied by KRMPL
10.	21.12.2021		
11.	10.12.2021	Inspection report issued on 27.12.2021 for 43 MLD STP Jajmau Phase II	Not complied by KRMPL
12.	16.12.2021		
13.	20.12.2021		
14.	21.12.2021		
15.	18.01.2022	Inspection report issued on 31.01.2022 for 43 MLD STP Jajmau Phase II.	Not complied by KRMPL
16.	15.02.2022	Inspection report issued on 25.02.2022 and 28.02.2022	Not complied by KRMPL
17.	16.02.2022		
18.	25.02.2022		
19.	15.03.2022	Inspection report issued on 26.03.2022 and 02.04.2022	Not complied by KRMPL
20.	30.03.2022		
21.	07.04.2022	Inspection report issued on 07.04.2022 for 43 MLD Phase-II IPSs facilities	KRMPL has submitted compliance report vide KRMPL letter no. UPJN/KRMPL/Kanpur/2022-23/O&M/009 dated 13.06.2022 received our office
22.	12.04.2022	ED(T) Shri D.P Mathuria and Shri Rajat Kumar Gupta(SWMS) visited at Jajmau site on 12.04.2022	

23.	19.04.2022	Inspection report issued on 20.04.2022 for 43 MLD STP Jajmau Phase II	on 17.06.2022
24.	05.05.2022	Inspection report issued on 20.05.2022 for 130 MLD & 43 MLD IPSs and STP Jajmau facilities	Not complied by KRMPL
25.	01.06.2022	Inspection report issued on 01.06.2022	Not complied by KRMPL
26.	06.06.2022	DG,NMCG,ED(T) and Rajat Gupta Sir site visited on 06.06.2022 and instructed to KRMPL as per M.O.M	Not complied by KRMPL
27.	06.06.2022, 07.06.2022	Inspection report of 130 MLD, 43 MLD,IPSs and CSPS Jajmau on 29.06.2022	Not complied by KRMPL
28.	14.06.2022	Inspection report issued on 14.06.2022	Not complied by KRMPL
29.	11.07.2022,16.07.2022,21.07.2022 ,25.07.2022 and 27.07.2022	Inspection report issued on 28.07.2022	Not complied by KRMPL
30.	08.08.2022	ED(P),NMCG and Rajat Gupta Sir site visited on 06.06.2022 and instructed to KRMPL as per M.O.M	Not complied by KRMPL
31.	02.08.2022 and 23.08.2022.	Inspection report of 43 MLD STP Jajmau facilities phase II, inspection report issued 31.08.2022	Not complied by KRMPL
32.	05.09.2022,13.09.2022,20.09.2022 and 23.09.2022	Inspection report of 43 MLD STP Jajmau facilities phase II, inspection report issued 30.09.2022	Not complied by KRMPL
33.	13.10.2022 & 17.10.2022	Inspection report of 43 MLD STP Jajmau facilities phase II, inspection report issued 17.10.2022	KRMPL has submitted compliance report vide KRMPL letter no. 168 dated 31.10.2022
34.	29.11.2022	Inspection report of 43 MLD STP Jajmau facilities phase II, inspection report issued 30.11.2022	Not complied by KRMPL

Site photographs of 43 MLD STP Jajmau



Over flow condition at Parmiya IPS



Over flow condition happens during peak hour at Shishamau IPS

Details of 43 MLD STP Jajmau Phase II and associated infrastructure's Inspection Report for Nov. 2022 and Monthly Activity Report along with IIT Kanpur Lab Reports are attached separately with this MPR as:

Annexure 4.1: Inspection Report of Jajmau 43 MLD IPS

(Attached Separately)

Annexure 4.2: Monthly Activity Report of Jajmau 43 MLD STP

(Attached Separately)

Annexure 7: IIT Lab report for Oct. 2022

(Attached Separately)

7.3 210 MLD BINGAWAN STP**7.3.1 ISSUES & STATUS OF PENDING COMPLIANCE OF BINGAWAN STP:**

SN	Equipment	Issues in Oct 2022	Status in Nov 2022	Compliance / Remarks
1	COD Nalla	<ul style="list-style-type: none"> Sewage overflow at COD Nalla tapping point is being observed. 	<ul style="list-style-type: none"> Sewage overflow at COD Nalla tapping point is being observed. 	Refer STC Letter no 1879 dated 15.11.2022
2	Mechanical Coarse Screens	<ul style="list-style-type: none"> Mechanical Coarse Screen No. 1 was non-operational. 	<ul style="list-style-type: none"> Mechanical coarse screen no. 1 not rectified. 	Refer STC Letter no 1879 dated 15.11.2022
3	Main Pumping Station	<ul style="list-style-type: none"> Out of 12 nos. pumps 8 nos. of pumps (i.e. 2,3,4,6,7,8,9,12) are not working. 	<ul style="list-style-type: none"> Out of 12 nos. pumps 4 nos. of pumps (i.e. 4,7,8,& 9) are not working, while 2 nos. pumps (i.e. 11 & 12) are under maintenance. 	Refer Site visit report of NMCG received via email on 23.11.2022
4	Inlet Chamber	<ul style="list-style-type: none"> Out of 3 nos. fine mechanical screen, all are non functional. Out of 04 grit removal system, Grit classifier no. 1 is under maintenance. 	<ul style="list-style-type: none"> Fine mechanical screen not rectified. Grit classifier no. 1 not rectified. 	Refer STC Letter no 1879 dated 15.11.2022
5	Cleaning and reactivation of UASB Reactors	<ul style="list-style-type: none"> Out of 16 reactors, 4 reactors are under maintenance. 	<ul style="list-style-type: none"> Out of 16 reactors, 4 reactors are under maintenance. 	Refer Site visit report of NMCG received via email on 23.11.2022
6	Aeration Lagoon & Final Polishing Unit	<ul style="list-style-type: none"> Aerator no. 6 & 18 are non operational. 	<ul style="list-style-type: none"> Aerator no. 13 non operational and aerator no. 18 under maintenance. 	Refer Site visit report of NMCG received via email on 23.11.2022
7	Belt Filter Press	<ul style="list-style-type: none"> Out of 3 nos. poly dosing pumps installed, 3 no. poly dosing pump is not in working condition due to diaphragm portion fully damaged 	<ul style="list-style-type: none"> Not rectified. 	Refer STC Letter no 1879 dated 15.11.2022
8	Chlorination System	<ul style="list-style-type: none"> Chlorinator no 1 is non operational. 	<ul style="list-style-type: none"> Not rectified. 	Refer Site visit report of NMCG received via email on 23.11.2022
9	Sludge Disposal	<ul style="list-style-type: none"> Sludge disposal from site not started. 	<ul style="list-style-type: none"> Sludge disposal from site started. 	Refer STC Letter no 1879 dated 15.11.2022
10	Joint Sampling & Testing by NABL	<ul style="list-style-type: none"> One composite sample was taken by IIT Kanpur on 14.10.2022 and 	<ul style="list-style-type: none"> One composite sample was taken by IIT Kanpur on 17.11.2022 and 	Pending from KRMPL's end

SN	Equipment	Issues in Oct 2022	Status in Nov 2022	Compliance / Remarks
	Laboratory	report has been not submitted by KRMPL.	18.11.2022, and report has been not submitted by KRMPL.	
11	Gas Holder	• Gas holder no.1 & 2 are non operational.	• Gas holder no.1 is non-operational.	Refer STC Letter no 1879 dated 15.11.2022
12	Gas Scrubber Unit	• Pressure gauge is not installed.	• Pending	Refer STC Letter no 1879 dated 15.11.2022
13	House Keeping	• Very poor housekeeping	• Very poor housekeeping	Refer STC Letter no 1879 dated 15.11.2022
14	Outdoor Lights	• Some of the outdoor lights need to be replaced.	• Not rectified.	Refer STC Letter no 1879 dated 15.11.2022
15	Schedule Maintenance Works for 1 st & 2 nd year	• Not started	• Not started	Pending from KRMPL's end
16	KPI adherence report	• Weekly IIT results for October month not submitted.	• Weekly IIT results for November month not submitted.	Pending from KRMPL's end

Following points need to be addressed:-

I. Compliance of Inspection Reports

1. 12.11.2020- Inspection report issued on 21.11.2020
2. 02.01.2021- Inspection report issued on 19.01.2021
3. 02.02.2021- Inspection report issued on 04.02.2021
4. 15.06.2021- Inspection report issued on 23.06.2021
5. 12.07.2021- Inspection report issued on 20.07.2021
6. 06.08.2021- Inspection report issued on 10.08.2021
7. 18.08.2021
8. 25.08.2021
9. 26.08.2021
10. 31.08.2021
11. 10.10.2021
12. 26.10.2021
13. 29.10.2021
14. 16.12.2021 - STP Inspection report issued on 24.12.2021.
15. 22.01.2022
16. 25.01.2022
17. 27.01.2022
18. 20.01.2022- IPS Inspection report issued on 31.01.2022.
19. 18.02.2022
20. 22.02.2022
21. 26.02.2022- IPS Inspection report issued on 28.02.2022.
22. 25.03.2022- STP Inspection report issued on 31.03.2022.
23. 24.06.2022- IPS Inspection report issued on 27.06.2022.

-
24. 30.06.2022- STP Inspection report issued on 01.07.2022.
 25. 26.07.2022- STP Inspection report issued on 29.07.2022.
 26. 29.07.2022- IPS Inspection report issued on 04.08.2022.
 27. 25.08.2022- STP Inspection report issued on 29.08.2022
 28. 25.08.2022 -IPS Inspection report issued on 29.08.2022
 29. 31.08.2022- STP Inspection report issued on 21.09.2022
 30. 27.09.2022- IPS Inspection report issued on 28.09.2022
 31. 03.10.2022- STP Inspection report issued on 10.10.2022
 32. 14.11.2022- STP Inspection report issued on 15.11.2022

Compliance of the above inspection reports have not been submitted by KRMPL yet.

Details of 210 MLD Bingawan STP and associated infrastructure's Inspection Report for Nov. 2022 and Monthly Activity Report along with IIT Kanpur Lab Reports are attached separately with this MPR as:

Annexure 5.1: Inspection Report of 210 MLD STP Bingawan

Attached separately

Annexure 5.2: Monthly Activity Report of 210 MLD STP Bingawan

Attached separately

Annexure 7: IIT Lab report for Oct. 2022

Attached separately

7.4 42 MLD SAJARI FACILITIES (O&M)

Commercial Operation Date was declared as 20.06.2020 vide UPJN letter no. 1545/w-20/127 dated 17.06.2020 and again revised as 11.10.2019 i.e. effective date of the CA by UPJN vide their letter no. 2574/w-20/267 dated 26.09.2020. O&M charges from 11.10.2019 to sept.2020 have been paid to the concessionaire.

7.4.1 ISSUES & STATUS OF PENDING COMPLIANCE OF BINGAWAN STP:

SN	Equipment	Issues in Oct 2022	Status in Nov 2022	Compliance / Remarks
1	Mechanical Screens (Coarse & Fine)	<ul style="list-style-type: none"> Both screens operational. Auto system needs to be installed. 	<ul style="list-style-type: none"> Both screens operational. Auto system to be installed. 	Refer STC Letter No. 1890 dated 28.11.2022
2	Main Pumping Station	<ul style="list-style-type: none"> Out of 5 pumps, pump no.3 is not functioning 	<ul style="list-style-type: none"> Pending 	Refer STC Letter No. 1890 dated 28.11.2022
3	Inlet Chamber	<ul style="list-style-type: none"> Level sensors are not provided yet for mechanical fine screen atomization. 	<ul style="list-style-type: none"> Pending Flow measuring Scale is finally fixed on 24.11.2022 	Refer STC Letter No. 1890 dated 28.11.2022
4	Return Sludge Pump House	<ul style="list-style-type: none"> Return sludge pump no. 1 is non-operational. Return sludge pump no. 2 is operational. Return sludge pump no. 3 is operational. 	<ul style="list-style-type: none"> Return sludge pump no. 1 is operational. Return sludge pump no. 2 is operational. Return sludge pump no. 3 is non-operational. 	Refer STC Letter No. 1890 dated 28.11.2022
5	Chlorination System	<ul style="list-style-type: none"> Operational 	<ul style="list-style-type: none"> Chlorinator No. 1 is non-operational. Vacuum gauge for both chlorinators (No. 1& 2) is not working since 24.11.2022. 	Refer STC Letter No. 1890 dated 28.11.2022
6	Sludge Thickener	<ul style="list-style-type: none"> Operational 	<ul style="list-style-type: none"> Operational 	Refer STC Letter No. 1890 dated 28.11.2022
7	Gas Generator	<ul style="list-style-type: none"> 2 out of 3 nos. of Gas Generators are in working condition and one gas generator is non-operational 	<ul style="list-style-type: none"> Not rectified. 	Refer STC Letter No. 1890 dated 28.11.2022
8	Sludge Digester	<ul style="list-style-type: none"> Operational 	<ul style="list-style-type: none"> Operational 	Refer STC Letter No. 1890 dated 28.11.2022
9	Joint Sampling & Testing by NABL Laboratory	<ul style="list-style-type: none"> One composite sample was taken by IIT Kanpur in October 2022 i.e. on 19.10.2022 to 	<ul style="list-style-type: none"> One composite sample was taken by IIT Kanpur in November 2022 i.e. on 19.11.2022 to 	Refer STC Letter No. 1890 dated 28.11.2022

		20.10.2022 and the report has not been submitted KRMPL.	20.11.2022 and the report has not been submitted KRMPL.	
10	Power backup and Online Monitoring System	• Operational	• Operational	Refer STC Letter No. 1890 dated 28.11.2022
11	Sludge Disposal	• Being done on timely basis.	• Not done	Refer STC Letter No. 1890 dated 28.11.2022
12	Schedule Maintenance Programme	• Not started.	• Not started.	Refer STC Letter No. 1890 dated 28.11.2022
13	Outdoor Lights	• Rectified.	•	Refer STC Letter No. 1890 dated 28.11.2022
16	KPI adherence report	• Weekly IIT test results for the month of October is not submitted.	• Weekly IIT test results for the month of November is not submitted.	Pending from KRMPL's end

Following points are to be addressed by the KRMPL:-

ii. Compliance of Inspection Reports.

1. 20.10.2021- IPS Inspection report issued on 25.10.2021
2. 18.11.2021- IPS Inspection report issued on 27.11.2021
3. 14.12.2021- IPS Inspection report issued on 24.12.2021
4. 21.12.2021 } STP Inspection report issued on 30.12.2021
5. 22.12.2021 }
6. 11.01.2022- STP Inspection report issued on 17.01.2022.
7. 20.01.2022- IPS Inspection report issued on 31.01.2022.
8. 08.02.2022- STP Inspection report issued on 10.02.2022.
9. 26.02.2022- IPS Inspection report issued on 28.02.2022.
10. 07.03.2022- STP Inspection report issued on 08.03.2022.
11. 31.03.2022- IPS Inspection report issued on 02.04.2022.
12. 27.04.2022- IPS Inspection report issued on 30.04.2022.
13. 08.06.2022- STP Inspection report issued on 15.06.2022.
14. 24.06.2022- IPS Inspection report issued on 27.06.2022.
15. 12.07.2022- STP Inspection report issued on 18.07.2022.
16. 29.07.2022- IPS Inspection report issued on 03.08.2022.
17. 17.08.2022 -STP Inspection report issued on 19.08.2022
18. 25.08.2022-IPS inspection report issued on 29.08.2022
19. 20.09.2022-STP inspection report issued on 21.09.2022
20. 30.09.2022- IPS inspection report issued on 30.09.2022
21. 15.10.2022- STP inspection report issued on 19.10.2022
22. 15.10.2022- IPS inspection report issued on 19.10.2022
23. 24.11.2022- STP inspection report issued on 28.11.2022
24. 24.11.2022- IPS inspection report issued on 28.11.2022

Details of 42 MLD Sajari STP and associated infrastructure's Inspection Report for Nov.

2022 and Monthly Activity Report along with IIT Kanpur Lab Reports are attached separately with this MPR as:

Annexure 6.1: Inspection Report of 42 MLD STP Sajari

Attached separately

Annexure 6.2: Inspection Report of 42 MLD STP Sajari IPS

Attached separately

Annexure 6.3: Monthly Activity Report of 42 MLD STP Sajari

Attached separately

Annexure 7: IIT Lab report for Oct. 2022

Attached separately

8. CONCESSIONAIRE'S PENDING REPRESENTATION / SPECIFIC IMPROVEMENT IN QUALITY

Concessionaire's pending representations are attached with this MPR as **Annexure 1.1, 2.1 and 3.1** corresponding to the **Pankha, Unnao & Jajmau 130 MLD** STP respectively. For **Bingawan** and **Sajari** STPs, pending compliance details are given above in table **7.3.1** and **7.4.1** respectively.

9. STATUS OF BEP & OTHER DETAILS

Status of BEPs & other detail are given in following table 8.1:

Table 8.1: BEPs and Design & Drawings detail

SN	STP Facility	Status / Remarks				
		BEPs	Structure Design & Drawings	Sewer Network	Construction Plan	O&M
A	New Facilities					
i	30 MLD STP - Pankha	Approved	All Approved	Approved	Revised CP (R2) vetted by PE letter no. 832/13.05.2021. Approved by UPJN	-
ii	15 MLD STP - Unnao	Approved	All Approved	Approved	Revised CP vetted by PE letter no. 826A/10.05.2021. Approved by UPJN letter vide no. 1291/M-18/09 dated 31.05.2021.	-
iii	05 MLD STP – Shuklaganj	Approved	MPS, Sludge Thickener, GR, BW, SBR, SQ, CCT, Admin Building, Blower Room & Centrifuge vetted by PE & IIT (R), under approval at UPJN;	Vetted by STC letter no. 1052 dated 12.08.2021	CP vetted by PE letter no.865/25.05.2021. Approved by UPJN letter vide no. 1379/WS-97/152 dated 09.06.2021	-
B	Rehabilitation and O&M for 15 years					
i	130 MLD STP - Jajmau (Phase I)	Approved except Control philosophy	GA & RCC design & drawing of CCT & TEPH is approved	-	The Concessionaire has submitted renovation plan on dated 28.05.2021. Approved by UPJN letter no. 1632/W-30/57 dated 24.06.2021 after rectification by KRMPL and STC is recommendation vide letter no. 931A dated 22.06.2021	-
ii			LT HT Panel room, GA and RCC design approved		KRMPL has submitted design and drawings vide KRMPL letter no. 2273 dated 08.03.2022, PE review recommendation for approval vide PE letter no.1550 dated 08.04.2022.	
iii.			GAD and RCC design drawing of Belt Filter press building		KRMPL has submitted revised GA and RCC design drawing submission vide KRMPL letter no. 2598 dated 23.08.2022, PE reviewed and given their	

					observations vide PE letter STC/PE/KNP/1780/Jajmau Phase I Date:27.08.2022	
iv.			STADD drawing of 30mtr Chimney		KRMPL has submitted 30mtr exhaust chimney STADD design vide KRMPL letter no. 2481 dated 24.05.2022,PE reviewed and commented vide PE letter no. 1624 dated 25.05.2022.	
v.			<ul style="list-style-type: none">Layout and foundation details drawing of engine room for 130 MLD STP Jajmausubmission of foundation drawing of Genset foundation, HT LT Pump Foundation, Gas blower foundation, Scrubber Foundation, Dehumidifier Foundation and Hot water pump foundation for 130 MLD STP Jajmau facilities Phase 1.		<ul style="list-style-type: none">KRMPL has submitted details drawing vide KRMPL letter no.2521 dated 27.06.2022,PE reviewed and submitted.KRMPL letter no UPJN/KRMPL/Kanpur/2022-23/2597 dated 23.08.2022 PE reviewed and submitted observations vide PE letter no. STC / PE / KNP / 1784 / Jajmau Phase I Date: 30.08.2022.KRMPL has not submitted compliance report till date.	
SN	STP Facility	O&M Manual			Schedule Maintenance Programme	Remarks
C	O&M for 15 years					
i	43 MLD STP - Jajmau (Phase II)	<ul style="list-style-type: none">KRMPL has resubmitted the O&M manual and PE compliance for 43 MLD STP vide KRMPL letter no 2411 dated 26.04.2022 received our office on 29.04.2022,PE reviewed the compliances of revised O&M manual and issued a letter of O&M manual of recommendation for approval vide PE letter no.1590 dated 29.04.2022KRMPL has submitted revised Schedule Maintenance plan for first year of 43 MLD Jajmau Phase-II facilities vide KRMPL letter no.2406 dated 23.04.2022,PE reviewed and submitted comments on revised Schedule Maintenance plan vide PE letter no.1597 dated 02.05.2022.KRMPL has submitted revised Schedule Maintenance plan after incorporating comments given by PE vide KRMPL letter no. KRMPL letter no. UPJN/KRMPL/Kanpur/2022-23/2441 dated 07.05.2022,PE reviewed the schedule maintenance plan and recommended for approval vide PE letter no. 1626 dated 25.05.2022				Handover Done on 25.08.2021

ii	42 MLD STP - Sajari	Approved	KRMPL has taken closure of 1 stream for schedule maintenance works of year-1 and year-2 from 22.06.2021. But no labour force has been deployed to start schedule maintenance works yet. Now, both the streams had been started by KRMPL since 18.10.2021 without doing any schedule maintenance works. Housekeeping is not proper and needs improvement.	-
iii	210 MLD STP - Bingawan	Approved	<p>Schedule maintenance works as per approved O&M manual were to be started from 1/08/2020, but not started yet. 2nd year Schedule maintenance submitted by KRMPL vide letter no.936 dated 19.02.2021. STC commented on Schedule maintenance vide letter no.795 dated 15.04.2021. Schedule maintenance works are to be started after the plant is fully operational.</p> <p>Again KRMPL has submitted a letter no. 1887 dated 02.11.2021 for schedule maintenance programme on which we have issued a letter no. 1249 dated 09.11.2021, for making revision and resubmission of schedule maintenance programme year 02 after excluding breakdown maintenance items. KRMPL has not submitted the revised schedule maintenance programme year 02 yet.</p>	-

ANNEXURE

Annexure 1.1: Balance Work Status of 30 MLD STP Pankha (Nov. 2022)

(Attached Separately)

Annexure 1.2: Inspection report of Pankha STP Nov. 2022

(Attached Separately)

Annexure 2.1: Balance Work Status of 15 MLD STP Unnao (Nov. 2022)

(Attached Separately)

Annexure 2.2: Inspection report of Unnao STP Nov. 2022

(Attached Separately)

Annexure 3.1: Balance Work Status for 130 MLD STP Jajmau (Nov. 2022)

(Attached Separately)

Annexure 3.2: Monthly Activity Report Jajmau 130 MLD

(Attached Separately)

Annexure 3.3: Inspection Report of Jajmau 130 MLD IPSs

(Attached Separately)

Annexure 4.1: Inspection Report of Jajmau 43 MLD IPSs

(Attached Separately)

Annexure 4.2: Monthly Activity Report of Jajmau 43 MLD STP

(Attached Separately)

Annexure 5.1: Inspection Report of 210 MLD STP Bingawan

(Attached Separately)

Annexure 5.2: Monthly Activity Report of 210 MLD STP Bingawan

(Attached Separately)

Annexure 6.1: Inspection Report of 42 MLD STP Sajari

(Attached Separately)

Annexure 6.2: Inspection Report of 42 MLD STP Sajari IPS

(Attached Separately)

Annexure 6.3: Monthly Activity Report of 42 MLD STP Sajari

(Attached Separately)

Annexure 7: IIT Lab report for Oct. 2022

(Attached Separately)

Annexure 8: Timesheets of Experts

(Attached Separately)

ANNEXURE 9: Monthly Staff Activity – HAM Project Kanpur

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
01.11.2022	Regarding observations on installation of FST No.1 for 130 MLD Jajmau Phase-1	31.10.2022 K-2674 (received through email on 01.11.2022)	-	-	20	-	-	Dr.Giridhar Satish Anil Sunil Priyesh Ajay Rahul Divya	1+1+1+1+1+1+1+1	-	-	-	Under Review
01.11.2022	Revised cost implication due to variation in Boundary Wall length and change in structure for 15 MLD UNNAO STP	-	01.11.2022	-	20	-	-	Dr.Giridhar Satish Anil Sunil Priyesh Ajay Rahul Divya	1+1+1+1+1+1+1+1	-	-	-	PE submitted their observations and requested UPJN to instruct KRML to submit compliances of PE observations
02.11.2022	Regarding commissioning of HT VCB Panel (11 KV) & 1600 KVA Transformers (02 Nos.) work at 30 MLD STP Pankha	02.11.2022 K-2683	-	-	20	-	-	Dr.Giridhar Satish Preetam Anil Sunil Priyesh Ajay Rahul Divya	1+1+1+1+1+1+1+1	-	-	-	Under Review
03.11.2022								Dr.Giridhar Satish Anil Sunil Priyesh Ajay	1+1+1+1+1+1+1+1				

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
								Rahul Divya					
04.11.2022	Observations on installation of Final settling tank clarifier No.1, and 12 Nos. Aerators in Aeration Tanks No. 2 & 3 at 130 MLD Jajmau Phase-1	31.10.2022 K-2674 (received through email on 01.11.2022)	04.11.2022 S-1855 & S-1855A	3	20			Dr.Giridhar Satish Sunil Priyesh Ajay Rahul Divya	1+1+1+1+1+1+1	-	-	-	PE submitted their observations and suggested re-inspection before commissioning
04.11.2022	Regarding DO analyzer for SBR basin at 30 MLD STP Pankha	-	04.11.2022 S-1856	-	20	-	-	Dr.Giridhar Satish Sunil Priyesh Ajay Rahul Divya	1+1+1+1+1+1+1	-	-	-	PE submitted their observations and requested UPJN to instruct KRMPL to install the DO analyzers at every grid at each of the 4 Nos. SBR Basin.
05.11.2022	Regarding commissioning of HT VCB Panel (11 KV) & 1600 KVA Transformers (02 Nos.) work at 30 MLD STP Pankha	02.11.2022 K-2683	-	-	20	-	-	Dr.Giridhar Satish Preetam Sunil Priyesh Ajay Rahul Divya	1+1+1+1+1+1+1	-	-	-	Under Review
06.11.2022	Sunday												
07.11.2022	Regarding Observation on resubmission of Annual Maintenance Plan of Sajari year-4 (11.10.22-to	29.10.2022 K-164	-	-	20	-	-	Dr.Giridhar Satish Priyesh Ajay Rahul Divya	1+1+1+1+1+1	-	-	-	Under Review

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	10.10.23)												
08.11.2022	PE observation on Belt Filter Press building at 130 MLD Jajmau Phase1	KRMPL E-mail dated 31.10.2022	08.11.2022 S-1857	8	20	-	-	Dr.Giridhar Satish Priyesh Ajay Rahul Divya	1+1+1+1+1+1	-	-	-	PE submitted their observations and requested UPJN to instruct KRMPL to submit incorporating compliances of PE observations
08.11.2022	Regarding DO analyzer for SBR basin at 15 MLD STP Unnao	-	08.11.2022 S-1858	-	20	-	-	Dr.Giridhar Satish Priyesh Ajay Rahul Divya	1+1+1+1+1+1	-	-	-	PE submitted their observations and requested UPJN to instruct KRMPL to install the DO analyzers at every grid at each of the 2 Nos. SBR basins.
08.11.2022	Regarding pre Commissioning of the 30 MLD STP Pankha and associated facilities. (Reminder 1)	-	08.11.2022 S-1859	-	20	-	-	Dr.Giridhar Satish Priyesh Ajay Rahul Divya	1+1+1+1+1+1	-	-	-	PE submitted their observations and requested UPJN to instruct KRMPL to submit compliances of PE observations
09.11.2022	Submission of compliance for Commissioning of HT VCB Panel (11 KV) & 1600 KVA Transformers (02 Nos.) at 30 MLD STP Pankha	02.11.2022 K-2683	09.11.2022 S-1860	7	20	-	-	Dr.Giridhar Satish Preetam Priyesh Ajay Rahul Divya	1+1+1+1+1+1+1	-	-	-	PE submitted their observations and requested UPJN to instruct KRMPL to submit compliances of PE observations
09.11.2022	Regarding the pending compliance	-	09.11.2022 S-1861	-	20	-	-	Dr.Giridhar Satish	1+1+1+1+1+1+1	-	-	-	PE submitted their observations and

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	for Critical Negligence of KRMPL at Pankha STP & Associated Facilities.							Preetam Priyesh Ajay Rahul Divya					requested UPJN to instruct KRMPL to submit compliances of PE observations
09.11.2022	Regarding insurance policies for Bingawan & Sajari Facilities.	-	09.11.2022 S-1862	-	20			Dr.Giridhar Satish Preetam Priyesh Ajay Rahul Divya	1+1+1+1+1+1+1				PE submitted their observations and requested UPJN to instruct KRMPL to submit compliances of PE observations
09.11.2022	Regarding Observation on resubmission of Annual Maintenance Plan of Sajari year-4 (11.10.22-to 10.10.23)	29.10.2022 K-164	09.11.2022 S-1863	11	20	-	-	Dr.Giridhar Satish Preetam Priyesh Ajay Rahul Divya	1+1+1+1+1+1+1	-	-	-	PE submitted their observations and requested UPJN to instruct KRMPL to submit compliances of PE observations
10.11.2022	REMINDER - Schedule Maintenance Work of Rising Main and Trunk Sewer of associated with all STPs at Bingwan, Sajari, Jajmau Phase 1 & Phase 2; and IPS facilities	-	10.11.2022 S-1864	-	20	-	-	Dr.Giridhar Satish Priyesh Ajay Rahul Divya	1+1+1+1+1+1	-	-	-	PE requested UPJN to instruct KRMPL to submit compliances of PE observations.
10.11.2022	Regarding Pending Compliance report of NMCG Minutes of Meeting dated 01.11.2022	-	10.11.2022 S-1865	-	20	-	-	Dr.Giridhar Satish Priyesh Ajay Rahul	1+1+1+1+1+1	-	-	-	PE requested UPJN to instruct KRMPL to submit compliances of PE observations.

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
								Divya					
10.11.2022	Regarding Insurance policy for 30 MLD STP & IPS facilities at Pankha	-	10.11.2022 S-1866	-	20	-	-	Dr.Giridhar Satish Priyesh Ajay Rahul Divya	1+1+1+1+1+1	-	-	-	PE requested UPJN to instruct KRMPL submit the renewed insurance policy.
10.11.2022	Regarding insurance policy for 130 MLD STP Jajmau and associated facilities	-	10.11.2022 S-1867	-	20	-	-	Dr.Giridhar Satish Priyesh Ajay Rahul Divya	1+1+1+1+1+1	-	-	-	PE requested UPJN to instruct KRMPL submit the renewed insurance policy.
10.11.2022	Regarding insurance policy for 15 MLD STP Unnao facilities and 5 MLD STP Shuklaganj facilities	-	10.11.2022 S-1868	-	20	-	-	Dr.Giridhar Satish Priyesh Ajay Rahul Divya	1+1+1+1+1+1	-	-	-	PE requested UPJN to instruct KRMPL submit the renewed insurance policy.
11.11.2022	Regarding High Flood Level (HFL) at Pankha facilities		11.11.2022 S-1869	-	20	-	-	Dr.Giridhar Satish Priyesh Ajay Rahul Divya	1+1+1+1+1+1	-	-	-	PE requested UPJN to instruct KRMPL to take corrective action as necessary to prevent future flooding at all Pankha facilities
11.11.2022	Regarding Inspection Report of 30 MLD STP & IPS facilities at Pankha	-	11.11.2022 S-1870	-	20	-	-	Dr.Giridhar Satish Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
12.11.2022	Second Saturday												
13.11.2022	Sunday												
14.11.2022	Regarding Recommendation on Submission of compliance regarding approval of EMF documents for 130 MLD STP and associated IPS-CSPS under Jajmau facility	09.11.2022 K-2684	-	-	20	-	-	Dr.Giridhar Satish Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1	-	-	-	Under Review
15.11.2022	Regarding Pending Compliance report of final settling tank clarifier No.1, 12 Nos. Aerators in Aeration Tanks No. 2 & 3, PST No.1 & 2, Grit mechanism 3 nos. and Thickener no.1 at 130 MLD Jajmau Phase 1	-	15.11.2022 S-1875	-	20	-	-	Dr.Giridhar Satish Prasoon Preetam Anil Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1+1	-	-	-	PE requested UPJN to instruct KRMPL to submit compliances of PE observations.
15.11.2022	Regarding Drain valve in Raising main / Force main from all pumping stations at Pankha facilities.	-	15.11.2022 S-1877	-	20	-	-	Dr.Giridhar Satish Preetam Anil Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1+1	-	-	-	PE requested UPJN to instruct KRMPL to submit the drawing & technical data sheet of valve at the earliest.
15.11.2022	Regarding Commissioning of	KRMPL RFI issue date	15.11.2022 S-1871	6	20	-	-	Dr.Giridhar Satish	1+1+1+1+1+1+1+1+1	-	-	-	PE submitted their observations

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	1600 KVA Transformers (02Nos.) works at 30MLD STP Pankha.	09.11.2022						Preetam Anil Prasoon Priyesh Ajay Rahul Divya Karam					requested UPJN to instruct KRMPL to submit compliances of PE observations.
15.11.2022	Regarding Final Commissioning of HT VCB Panel at 30 MLD STP Pankha	KRMPL RFI issue date 11.11.2022	15.11.2022 S-1873	4	20	-	-	Dr.Giridhar Satish Preetam Anil Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
15.11.2022	Regarding Final Commissioning of HT VCB Panel at 15MLD STP Unnao	KRMPL RFI issue date 11.11.2022	15.11.2022 S-1874	4	20	-	-	Dr.Giridhar Satish Preetam Anil Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
15.11.2022	Regarding Recommendation on Submission of compliance regarding approval of EMF documents	09.11.2022 K-2684	15.11.2022 S-1876	6	20	-	-	Dr.Giridhar Satish Preetam Anil Prasoon Priyesh	1+1+1+1+1+1+1+1+1	-	-	-	PE reviewed EMF documents and recommended for approval.

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	for 130 MLD STP and associated IPS-CSPS under Jajmau facility							Ajay Rahul Divya Karam					
15.11.2022	Inspection Report of 210 MLD STP Bingawan for Inspection held on 14.11.2022	-	15.11.2022 S-1879	-	20	-	-	Dr.Giridhar Satish Preetam Anil Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
15.11.2022	Joint Site Inspection for Progress of 15 MLD STP Unnao	-	15.11.2022 S-1880	-	20	-	-	Dr.Giridhar Satish Preetam Anil Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
16.11.2022	NMCG Personnel Joint Inspection with UPJN & PE personnel at 130 MLD Jajmau Phase 1 & 30 MLD STP Pankha and its associated IPS.	-	-	-	-	-	-	Dr.Giridhar Satish Anil Priyesh Prasoon Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1+1	-	-	-	PE went for inspection. PE submitted ATR of NMCG Meeting dated 01.11.2022. PE drafted inspection report of NMCG visit to Jajmau & Pankha facilities.

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
17.11.2022	NMCG personnel Joint Inspection with UPJN & PE at 5 MLD Shuklaganj & 15 MLD STP Unnao and its associated IPS.	-	-	-	-	-	-	Dr.Giridhar Satish Anil Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1	-	-	-	PE went for inspection. PE drafted inspection report of NMCG visit to Shuklagang & Unnao facilities. PE attended the joint meeting with NMCG, UPJN, PE & KPMRL personnel.
18.11.2022	NMCG ED (P) & personnel Joint Inspection with UPJN & PE at 15 MLD STP Unnao and 5 MLD STP Shuklaganj	-	-	-	-	-	-	Dr.Giridhar Satish Anil Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1	-	-	-	PE prepared and presented PPT on HAM Kanpur Status dated 18.11.2022. PE went for inspection. PE attended the joint meeting with NMCG, UPJN, PE & KPMRL personnel.
18.11.2022	Submission of compliance regarding Operation & Control Philosophy & Interlocking P&ID for 30 mld STP & 2 nos. IPS at Pankha.	18.11.2022 K-2699	-	-	20	-	-	Dr.Giridhar Satish Anil Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1	-	-	-	Under Review
19.11.2022	NMCG ED (P) & personnel Joint Inspection with UPJN & PE at 210 MLD STP Bingawan & 30 MLD	-	-	-	-	-	-	Dr.Giridhar Satish Anil Priyesh Ajay	1+1+1+1+1+1+1+1	-	-	-	PE went for inspection. PE drafted Minutes of Meeting for the meeting held by ED

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	STP Pankha							Rahul Divya Karam					(P) dated 18.11.2022. PE attended the joint meeting with NMCG, UPJN, PE & KPMRL personnel.
20.11.2022	Regarding approval of EMF documents for 130 MLD STP and associated IPS-CSPS under Jajmau facility	9.11.2022	-	-	20	-	-	Dr.Giridhar Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	Under Review
21.11.2022	Regarding installation of DI sludge pipeline from RSPH force main to Thickener at 130 MLD STP Jajmau Phase-1	-	21.11.2022 S-1881	-	20	-	-	Dr.Giridhar Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to take necessary actions.
22.11.2022	Regarding DO analyzer for SBR basin at 15 MLD STP Unnao.	-	22.11.2022 S-1882	-	20	-	-	Dr.Giridhar Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to take necessary actions.
22.11.2022	Regarding DO analyzer for SBR basin at 30 MLD STP Pankha.	-	22.11.2022 S-1883	-	20	-	-	Dr.Giridhar Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to take necessary actions.

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
23.11.2022	Comment on Submission of compliance regarding Operation & Control Philosophy & Interlocking P&ID for 30 MLD STP & 2 nos. IPS at Pankha facilities.	18.11.2022 K-2699	23.11.2022 S-1886	-	20	-	-	Dr.Giridhar Prasoon Preetam Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
23.11.2022	Revised cost implication due to change in STP site levels and increase in RCC works for 15 MLD Unnao STP		23.11.2022 S-1887	-	20	-	-	Dr.Giridhar Preetam Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
23.11.2022	Revised cost implication due to change in FoS for bedding works for sewerage at 15 MLD Unnao STP		23.11.2022 S-1888	-	20	-	-	Dr.Giridhar Preetam Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
24.11.2022	Recommendation for approval of revised Pump GAD, Cross section and curve document for CSPA pumps at 130 MLD STP Jajmau	23.11.2022 K-2711	-	-	20	-	-	Dr.Giridhar Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	Under Review
25.11.2022	Regarding pending	22.11.2022	-	-	20	-	-	Dr.Giridhar	1+1+1+1+1+1+1	-	-	-	Under Review

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	compliance/balanced work related to previously inspected equipment/units at 130 MLD Jajmau Phase-1	K-2706						Sunil Prasoon Priyesh Ajay Rahul Divya Karam					
25.11.2022	Regarding Joint survey with UPJN for 800mm dia sewer line taping in receiving chamber of IPS at Sundar Nagar.	-	25.11.2022 S-1888A	-	20	-	-	Dr.Giridhar Sunil Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
26.11.2022	Observations on installation of Final settling tank clarifier (2 Nos), Aerators (12 Nos.), Primary Settling Tank (2Nos.), Grit Mechanism (3 Nos.), and Sludge Thickener (1 Nos.) at 130 MLD Jajmau Phase-1	KRMPL RFI dated 12.11.2022	26.11.2022 S-1889A	14	20	-	-	Dr.Giridhar Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
27.11.2022	Regarding operation & control philosophy & interlocking P & ID for 30 MLD STP at Pankha	18.11.2022 K-2716	-	-	20	-	-	Dr.Giridhar Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	Under Review
28.11.2022	Inspection Report of	-	28.11.2022	-	20	-	-	Dr.Giridhar	1+1+1+1+1+1+1	-	-	-	PE submitted their

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	42 MLD Sajari facilities, inspection done on 24.11.2022.		S-1890					Preetam Prasoon Priyesh Ajay Rahul Divya Karam					observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
28.11.2022	Inspection report of associated works of 42 MLD Sajari STP (IPS Chakeri and Sanigawan) for the inspection done on 24.11.2022.	-	28.11.2022 S-1891	-	20	-	-	Dr.Giridhar Preetam Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
28.11.2022	Recommendation for approval of revised Pump GAD, Cross section and curve document for CSPS pumps at 130 MLD STP Jajmau	23.11.2022 K-2711	28.11.2022 S-1892	5	20	-	-	Dr.Giridhar Preetam Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
28.11.2022	Regarding pending compliance/balanced work related to previously inspected equipment/units at 130 MLD Jajmau Phase-1	22.11.2022 K-2706	28.11.2022 S-1893	6	20	-	-	Dr.Giridhar Preetam Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
29.11.2022	PE observation on Belt Filter Press Building, design and	22.11.2022 K-2709	29.11.2022 S-1894	7	20	-	-	Dr.Giridhar Prasoon Priyesh	1+1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	Drawing for 130 MLD STP Jajmau.							Ajay Rahul Divya Karam					instruct KRMPL to submit compliances of PE observations.
29.11.2022	Submission of Design Report along with Foundation drawing of Chimney for 130 MLD STP Jajmau	22.11.2022 K-2708	29.11.2022 S-1895	7	20	-	-	Dr.Giridhar Prasoon Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
30.11.2022	Inspection Report of IPSs (Nawabganj IPS, Parmat IPS, Baba Ghat IPS, & Guptar Ghat IPS) of 130 MLD Jajmau phase 1, Inspection done on 29.11.2022	-	30.11.2022 S-1896	-	20	-	-	Dr.Giridhar Prasoon Preetam Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
30.11.2022	Inspection Report of 43 MLD IPS facilities Phase II for inspection done on 29.11.2022	-	30.11.2022 S-1897	-	20	-	-	Dr.Giridhar Prasoon Preetam Priyesh Ajay Rahul Divya Karam	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.
30.11.2022	Release of variation order against extra claim under Article 20 of CA for 05 MLD Shuklaganj STP	11.11.2022 K-2690	30.11.2022 S-1898	19	20	-	-	Dr.Giridhar Prasoon Preetam Priyesh Ajay Rahul Divya	1+1+1+1+1+1+1	-	-	-	PE submitted their observations requested UPJN to instruct KRMPL to submit compliances of PE observations.

Date	Name of Activity#	Date of Receipt	Date of Approval (Vet/ Comment)	No. of day taken	Time as per contract (days)	Delay if any (No. of days) [7=6-5]	Reason for delay*	Key Personnel deployed	Man-days of each Key Personnel	Delay by Concessionaire	Reason for delay	Step taken by PE to avoid such delays	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
								Karam					

Note: Man-days and respective inputs of experts for the month of November 2022 are:

SN	Name	Designation	Total Man-days	Input
1.	Dr. Giri Prabhu Kumar	Team Leader cum waste water expert	30	Timesheet attached
2.	Mr. Preetam Walunjar	Senior Structure Engineer	08	Timesheet attached
3.	Mr. Anil Kumar Seth	Senior Electrical Engineer	08	Timesheet attached
4.	Mr. Satish Kamaraju	Senior Process Engineer	19	Timesheet attached
5.	Mr. Sunil Basutkar	Senior Mechanical Engineer	06	Timesheet attached
6.	Mr. Prasoon Bhardwaj	Instrumentation Engineer	15	Timesheet attached