

National Mission for Clean Ganga (NMCG)
Ministry of Jal Shakti,
River Development & Ganga Rejuvenation
Government of India

**Development and Rehabilitation of Sewage Treatment
Plants and Associated Infrastructure Under Hybrid
Annuity Based PPP Mode at Prayagraj, Uttar Pradesh**

(LOA File Number: 50123/447/121, dated 10/11/2018)

Monthly Progress Report
of
Project Engineer
JANUARY 2020



Executing Agency

GPCU, Uttar Pradesh Jal
Nigam, Prayagraj, Uttar
Pradesh
211008



Funding Agency

National Mission for Clean
Ganga, Ministry of Water
Resources, New Delhi 110002



Project Engineer

AECOM India Pvt. Ltd.,
19/F, Bldg. 5-C, DLF Cyber
City, DLF Phase-III, Gurgaon,
Haryana-122002



Concessionaire

Prayagraj Water Pvt. Ltd.,
(SPV of ADANI Enterprise Ltd.
and Organica Technologiak ZRT)
Adani House, 56 Shri Mall,
Society, Navrangpura,
Ahmedabad.

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1. Introduction

The GoI (Government of India), recognizing that the long-term rejuvenation of the river Ganga will have significant social and economic benefits on the lives of 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 Government of India approved the flagship Namami Gange Program for cleaning rejuvenation and protection of river Ganga and its tributaries. In January-2016, The Government of India approved a Hybrid annuity model to implement the STP project under the Namami Gange program on a PPP basis. Subsequently, the MoWR (Ministry of Water Resources) issued the river Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (Ganga 2016 Order) to constitute various authorities to assist the Government of India in achieving its aim of effective abatement of pollution in the river Ganga. The Ganga 2016 order designated NMCG as the nodal agency for implementation of the Ganga 2016 order.

Rapidly increasing population, rising standards of living and exponential growth of industrialisation and urbanisation have exposed water resources, in general, and rivers 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.

In the Ganga basin approximately 12,000 million litres per day (MLD) sewage is generated, for which presently there is a treatment capacity of only around 4,000 MLD. Approximately 3000 MLD of sewage is discharged into the mainstream of the river Ganga from the Class I & II towns located along the banks, against which treatment capacity of about 1000 MLD has been created till date.

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 programme and the Ganga 2016 Order, the Jal Nigam, in association with the NMCG, has decided to undertake the Project;

- Development and Rehabilitation of Sewage Treatment Plants (STPs) and Associated Infrastructure at Prayagraj under Hybrid Annuity based PPP mode in State of Uttar Pradesh.

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.

National Mission for Clean Ganga (NMCG) and Uttar Pradesh Jal Nigam (UPJN) appointed M/s. AECOM India Pvt. Ltd., 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 5th April 2019.

3. Objectives

Objectives to achieve effective Development of Sewage Treatment Plants (STPs) at Jhunsi, Naini and Phaphamau, rehabilitation of existing STPs & associated Infrastructure and operation and maintenance of all assets for 15 years in Prayagraj, Uttar Pradesh, under Hybrid Annuity based PPP mode are proposed under this project.

The objectives that NMCG and the UP Jal Nigam wish to achieve through the Project is mentioned in **Figure 1**;

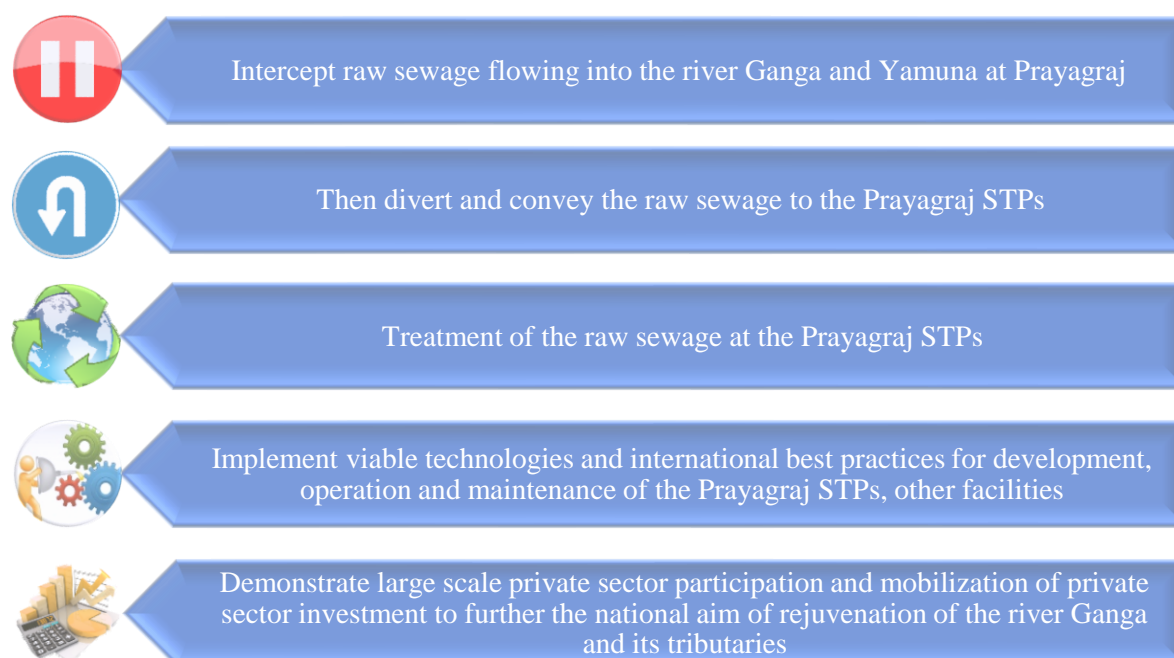


Figure 1 : Objectives of NMCG and UP JAL NIGAM

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 and Associate Infrastructure) to the Project Executing Agency/Jal Nigam/ at the end of the Concession Period (say 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.

National Mission for Clean Ganga (NMCG) appointed M/s. AECOM India Pvt. Ltd., Gurgaon 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 5th April 2019.

4. Project at Glance

The Project components details of each Facility, their grouping in each Package is presented below;

| Sr. No. | Particulars | Description |
|---------|----------------------------------|---|
| 1.0 | Name of Project | Development and Rehabilitation of Sewage Treatment Plants and Associated Infrastructure under HAM based PPP mode at Prayagraj, Uttar Pradesh |
| | Client | National Mission for Clean Ganga (NMCG) and Uttar Pradesh Jal Nigam (UPJN) |
| 2.0 | Executing Agency | Uttar Pradesh Jal Nigam, Ganga Pollution Control Unit, Prayagraj, Uttar Pradesh |
| 3.0 | Project Engineer | AECOM India Pvt. Ltd. |
| 4.0 | Concessionaire | Prayagraj Water Pvt. Ltd. (SPV of ADANI Enterprise Ltd. JV Organica Technologiak ZRT) |
| 5.0 | Contract Value (Capex + Opex) | INR 908.3 Crore |
| 6.0 | Effective Date | 16 th September 2019 |
| 7.0 | Construction Completion Date | Package-I; 24 months from effective date Package-II; 12 months from effective date Package-III; 6 months from effective date |
| 6.0 | Operation & Maintenance | Package-I; 15 years from commercial operation date Package-II; 16 years from commercial operation date Package-III; 16.5 years from commercial operation date |

5. Project Components

The Project components details of each Facility, their grouping in each Package is presented below

| Package Number - I | | | | |
|--------------------|------------------------------------|---|---------------------------------------|--------------------|
| Nature of work | | Facilities | | |
| New construction | | Design, develop, finance, construct, operate and maintain, and transfer the Package-I Facilities including three STP facilities with a proposed capacity of 42 MLD at Naini (District G), 14 MLD at Phaphamau (District F), and 16 MLD at Jhunsi along with their Associated Infrastructure, as per the provisions of the Concession Agreement, and in adherence to the applicable Key Performance Indicators | | |
| Sr. No. | Facility Name | Part Of | Details | Capacity (Average) |
| 1 | Phaphamau Facilities (District -F) | Phaphamau STP Facilities | Phaphamau STP Plant | 14 MLD |
| | | | Solar Power Plant | 110 Kw |
| | | Phaphamau Associated Infrastructure | Basna Nalla SPS | 5.53 MLD |
| | | | Nalla Tapping and Trunk Sewer | 2 Nos. Tapping |
| | | | Shantipuram Main Pumping Station | 14 MLD |
| 2 | Naini Facilities (District - G) | Naini – II STP Facilities | Naini –II STP | 42 MLD |
| | | | Solar Power Plant | 800 Kw |
| | | Naini -II Associated Infrastructure | Mawaiya Drain SPS | 35.85 MLD |
| | | | Mawaiya Drain Tapping and Trunk Sewer | 3 Nos. Tapping |
| | | | Mahewaghat Drain SPS | 2.15 MLD |
| | | | Mahewaghat Drain and Trunk Sewer | 3 Nos. Of Tapping |
| 3 | Jhunsi Facilities | Jhunsi STP Facilities | Jhunsi STP | 16 MLD |
| | | | Solar Power Plant | 20 Kw |
| | | Jhunsi Associated Infrastructure | Shastri Bridge SPS | 16 MLD |
| | | | Nalla Tapping and Trunk Sewer | 13 Nos. Tapping |
| | | | Main Pumping Station | 16 MLD |

| Package Number - II | | | | |
|-----------------------|----------------------------------|---|--|----------------------------|
| Nature of work | | Facilities | | |
| Rehabilitation | | Design (wherever necessary), rehabilitate, restore, finance, operate and transfer two existing STP Facilities, one of capacity 80 MLD at Naini (District A) and other of capacity 60 MLD at Rajapur (District D) along with their Associated Infrastructure as per the provisions of the Concession Agreement, and in adherence to the applicable Key Performance Indicators. | | |
| Sr. No. | Facility Name | Part Of | Details | Capacity (Average) |
| 1 | Naini -I Facilities (District A) | Naini-I STP Facilities | Naini -I STP (60 MLD) STP Technology: ASP | 60 MLD |
| | | | Naini -I STP (20 MLD) STP Technology: ASP | 20 MLD |
| | | | Naini- I Biogas Plant | 600 KW |
| | | Naini-I Associated Infrastructure | Chachar Nalla SPS | 35 MLD with 2 Nos. Tapping |
| | | | Gaughat MPS | 80 MLD |
| 2 | Rajapur Facilities (District D) | Rajapur STP Facilities | Rajapur STP STP Technology: UASB | 60 MLD |
| | | Rajapur Associated Infrastructure | Mumfordgunj SPS | 55 MLD with 1 Nos. Tapping |
| | | | Rajapur SPS | 25 MLD with 1 Nos. Tapping |

| Package Number - III | | | | |
|-----------------------|------------------------------------|--|---|------------------------------|
| Nature of work | | Facilities | | |
| Rehabilitation | | Design (wherever necessary), rehabilitate, restore, finance, operate and transfer four existing STP Facilities, one of capacity 50 MLD at Numayadahi (District B), one of capacity 29 MLD at Salori (District C), one of capacity 25 MLD at Kodra (District E) and another of capacity 10 MLD at Ponghat (District E), along with their Associated Infrastructure, as per the provisions of the Concession Agreement, and in adherence to the applicable Key Performance Indicators. | | |
| Sr. No. | Facility Name | Part Of | Details | Capacity (Average) |
| 1 | Salori Facilities (District - C) | Salori STP Facilities | Salori STP (29 MLD) STP Technology: FAB | 29 MLD |
| | | Salori Associated Infrastructure | Salori MPS | 29 MLD with 1 Nos. Tapping |
| 2 | Numayadahi Facilities (District B) | Numayadahi STP Facilities | Numayadahi STP STP Technology: Bio tower + ASP | 50 MLD |
| | | Numayadahi Associated Infrastructure | Ghaggar Nalla SPS | 50 MLD with 1 Nos. Tapping |
| | | | Sasur Kadheri SPS | 15 MLD with 1 Nos. Tapping |
| | | | Lukarganj SPS | 16.5 MLD with 1 Nos. Tapping |
| 3 | Kodra Facilities (District E) | Kodra STP Facilities | Kodra STP STP Technology: Bio tower + ASP | 25 MLD |
| | | Kodra Associated Infrastructure | Kodra MPS | 25 MLD with 1 Nos. Tapping |
| 4 | Ponghat Facilities (District E) | Ponghat STP Facilities | Ponghat STP STP Technology: Bio tower + ASP | 10 MLD |
| | | Ponghat Associated Infrastructure | Ponghat MPS | 10 MLD with 1 Nos. Tapping |

6. Progress of Work

As per the provision of Concessionaire Agreement, effective date of the project was to be declared on or before 11th May 2019. Condition Precedent were not met and mutually agreed on 16th September 2019, hence “Effective Date” for start of construction work was declared on this date.

Details of pre-construction activities / work progress are described as below;

6.1 Physical Progress of the Project

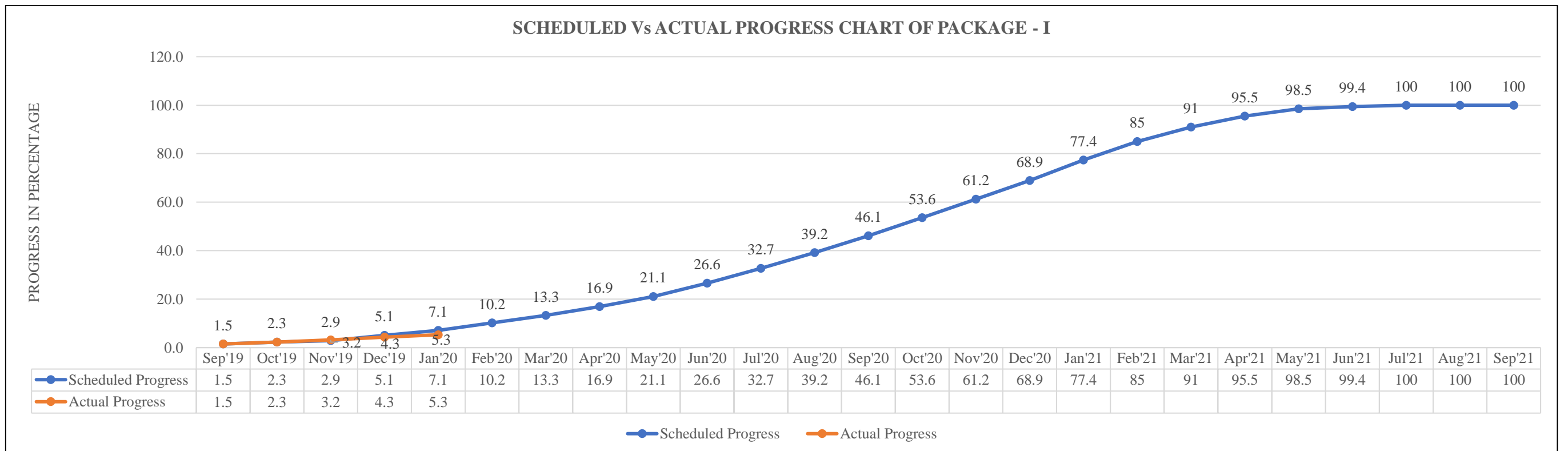
Overall Progress of the project and individually package wise progress are as follows;

MONTHLY PROGRESS CHART OF PACKAGE – I

| | |
|---|---|
| Name of work | Design, develop, finance, construct, operate and maintain, and transfer the Package-I Facilities including three STP facilities with a proposed capacity of 42 MLD at Naini (District G), 14 MLD at Phaphamau (District F), and 16 MLD at Jhunsi along with their Associated Infrastructure, as per the provisions of the Concession Agreement. |
| Date of start as per work order | 16 th September 2019 |
| Date of completion as per work order | 15 th September 2021 |

Schedule Vs Actual Physical Progress (Cumulative)

| Activity | Sep, 19 | Oct' 19 | Nov' 19 | Dec' 19 | Jan' 20 | Feb' 20 | Mar' 20 | Apr' 20 | May' 20 | Jun' 20 | Jul' 20 | Aug' 20 | Sep' 20 | Oct' 20 | Nov' 20 | Dec' 20 | Jan' 21 | Feb' 21 | Mar' 21 | Apr' 21 | May' 21 | Jun' 21 | Jul, 21 | Aug, 21 | Sep, 21 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Scheduled Physical Progress (%) | 1.5 | 2.3 | 2.9 | 5.1 | 7.1 | 10.2 | 13.3 | 16.9 | 21.1 | 26.6 | 32.7 | 39.2 | 46.1 | 53.6 | 61.2 | 68.9 | 77.4 | 85 | 91 | 95.5 | 98.5 | 99.4 | 100 | 100 | 100 |
| Actual Physical Progress (%) | 1.5 | 2.3 | 3.2 | 4.3 | 5.3 | | | | | | | | | | | | | | | | | | | | |

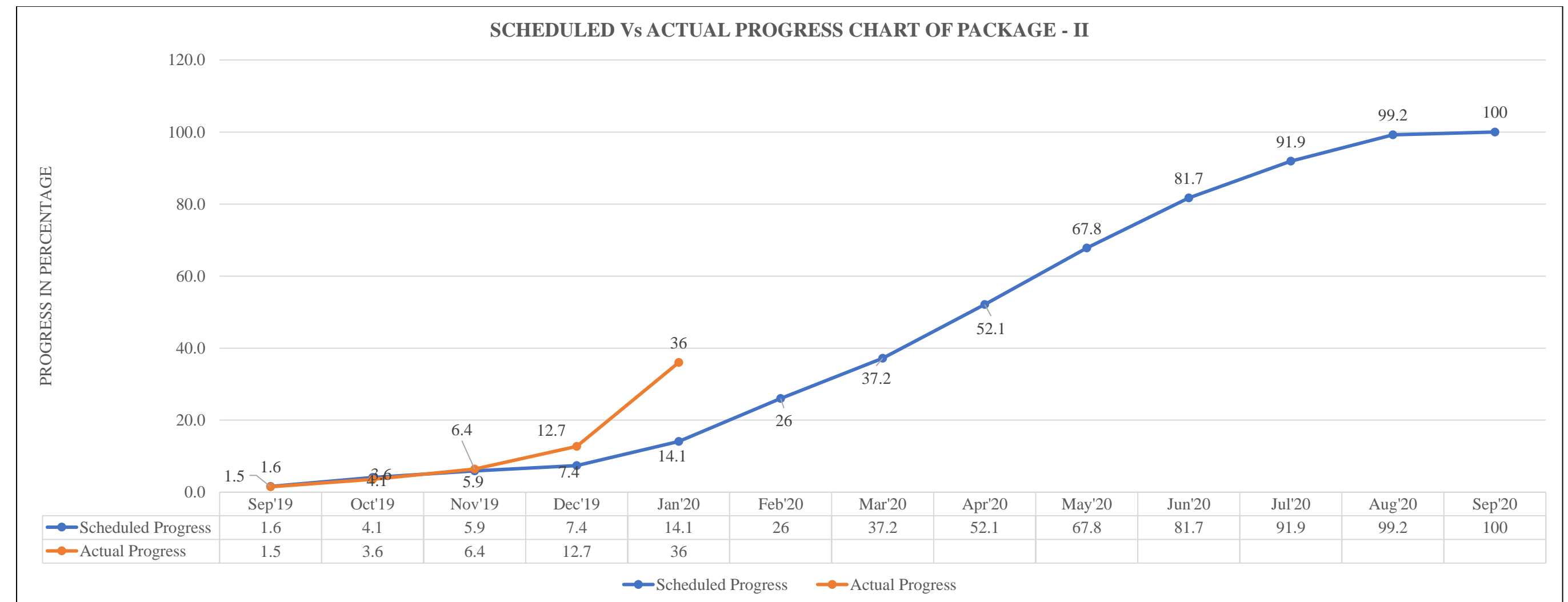


MONTHLY PROGRESS CHART OF PACKAGE – II

| | |
|---|---|
| Name of work | Design (wherever necessary), rehabilitate, restore, finance, operate and transfer two existing STP Facilities, one of capacity 80 MLD at Naini (District A) and other of capacity 60 MLD at Rajapur (District D) along with their Associated Infrastructure as per the provisions of the Concession Agreement, and in adherence to the applicable Key Performance Indicators. |
| Date of start as per work order | 16 th September 2019 |
| Date of completion as per work order | 15 th September 2020 |

Schedule Vs Actual Physical Progress (Cumulative)

| Activity | Sep, 19 | Oct' 19 | Nov' 19 | Dec' 19 | Jan' 20 | Feb' 20 | Mar' 20 | Apr' 20 | May' 20 | Jun' 20 | Jul' 20 | Aug' 20 | Sep' 20 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Scheduled Physical Progress (%) | 1.6 | 4.1 | 5.9 | 7.4 | 14.1 | 26 | 37.2 | 52.1 | 67.8 | 81.7 | 91.9 | 99.2 | 100 |
| Actual Physical Progress (%) | 1.5 | 3.6 | 6.4 | 12.7 | 36 | | | | | | | | |

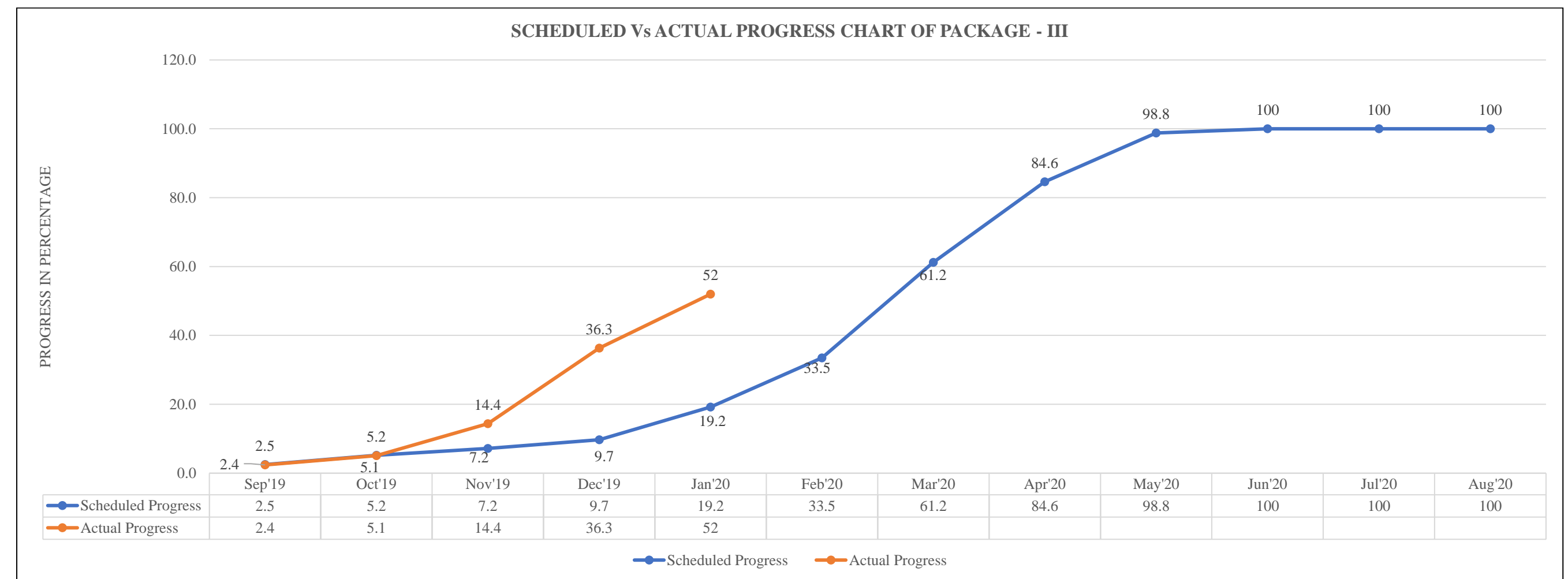


MONTHLY PROGRESS CHART OF PACKAGE – III

| | |
|---|--|
| Name of work | Design (wherever necessary), rehabilitate, restore, finance, operate and transfer four existing STP Facilities, one of capacity 50 MLD at Numayadahi (District B), one of capacity 29 MLD at Salori (District C), one of capacity 25 MLD at Kodra (District E) and another of capacity 10 MLD at Ponghat (District E), along with their Associated Infrastructure, as per the provisions of the Concession Agreement, and in adherence to the applicable Key Performance Indicators. |
| Date of start as per work order | 16 th September 2019 |
| Date of completion as per work order | 15 th March 2020 |
| Extension of Assignment | 30 th June 2020 |

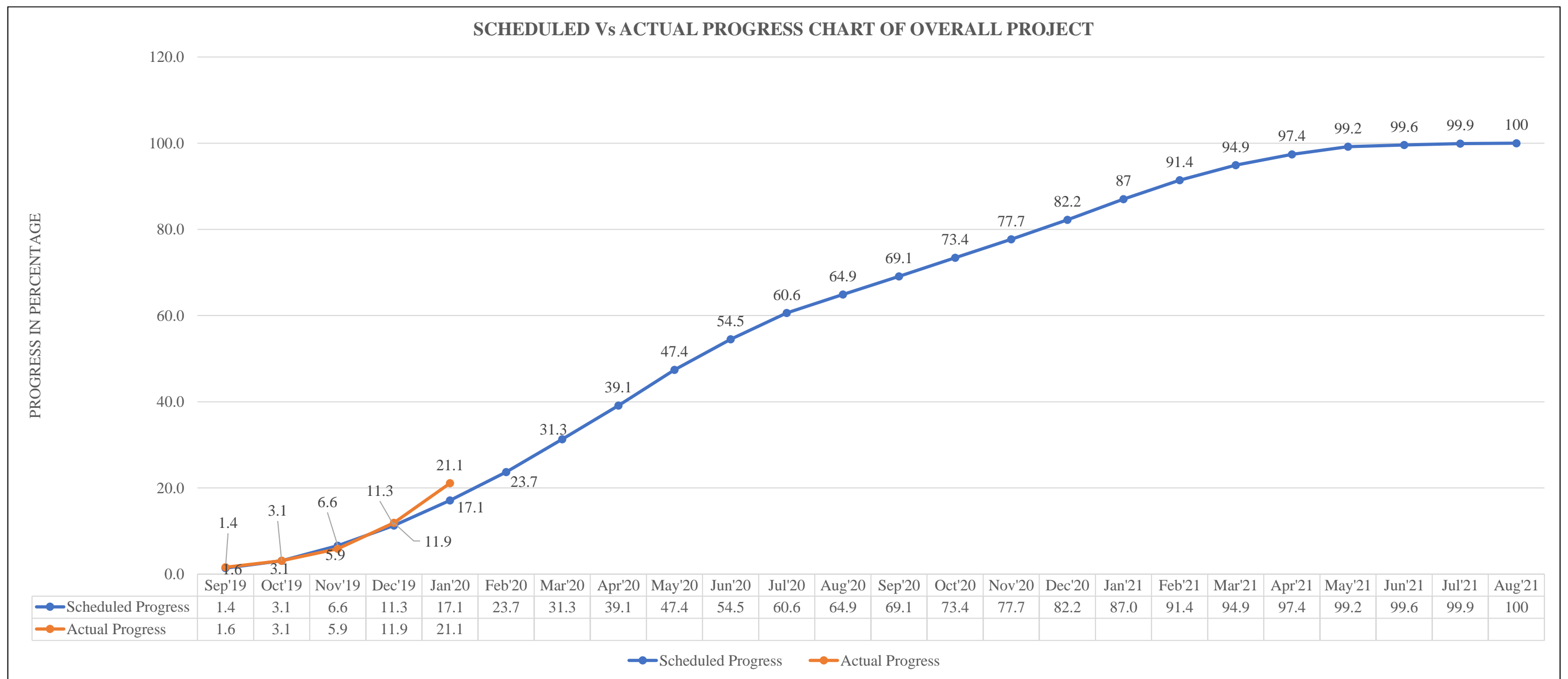
Schedule Vs Actual Physical Progress (Cumulative)

| Activity | Sep, 19 | Oct' 19 | Nov' 19 | Dec' 19 | Jan' 20 | Feb' 20 | Mar' 20 | Apr' 20 | May' 20 | Jun' 20 | Jul' 20 | Aug' 20 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Scheduled Physical Progress (%) | 2.5 | 5.2 | 7.2 | 9.7 | 19.2 | 33.5 | 61.2 | 84.6 | 98.8 | 100 | 100 | 100 |
| Actual Physical Progress (%) | 2.4 | 5.1 | 14.4 | 36.3 | 52 | | | | | | | |



PROGRESS CHART OF OVERALL PROJECT

| Activity | Sep, 19 | Oct' 19 | Nov' 19 | Dec' 19 | Jan' 20 | Feb' 20 | Mar' 20 | Apr' 20 | May' 20 | Jun' 20 | Jul' 20 | Aug' 20 | Sep' 20 | Oct' 20 | Nov' 20 | Dec' 20 | Jan' 21 | Feb' 21 | Mar' 21 | Apr' 21 | May' 21 | Jun' 21 | Jul' 21 | Aug, 21 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Scheduled Physical Progress (%) | 1.4 | 3.1 | 6.6 | 11.3 | 17.1 | 23.7 | 31.3 | 39.1 | 47.4 | 54.5 | 60.6 | 64.9 | 69.1 | 73.4 | 77.7 | 82.2 | 87.0 | 91.4 | 94.9 | 97.4 | 99.2 | 99.6 | 99.9 | 100 |
| Actual Physical Progress (%) | 1.6 | 3.1 | 5.9 | 11.9 | 21.1 | | | | | | | | | | | | | | | | | | | |



6.2 Achievement of Construction Milestone

The financials of Concession Agreement amount of project are as follows;

| Facility | Milestone No. | Scheduled Start Date | Scheduled Completion Date | Status/ Actual Completion Date | Remarks |
|------------------------|---------------|---------------------------------|---------------------------------|--------------------------------|---|
| Package-I Facilities | Milestone 1 | 16 th September 2019 | 15 th January 2020 | Under Progress | Completed for Phaphamau Facilities & Naini-II Facilities, However, Due to change of land of Jhansi STP Facility and delay in handover of Jhansi STP Site on 21.11.2019, survey & investigation work followed by engineering got delayed. Concessionaire was instructed to submit the revised construction plan for UPJN approval. |
| | Milestone 2 | 16 th January 2020 | 15 th March 2020 | Under Progress | |
| | Milestone 3 | 16 th March 2020 | 15 th May 2020 | | |
| | Milestone 4 | 16 th May 2020 | 15 th July 2020 | | |
| | Milestone 5 | 16 th July 2020 | 15 th September 2020 | | |
| | Milestone 6 | 16 th September 2020 | 15 th December 2020 | | |
| | Milestone 7 | 16 th December 2020 | 15 th March 2021 | | |
| | Milestone 8 | 16 th March 2021 | 15 th June 2021 | | |
| Package-II Facilities | Milestone 1 | 16 th September 2019 | 25 th March 2020 | Under Progress | |
| | Milestone 2 | 26 th March 2020 | 30 th April 2020 | | |
| | Milestone 3 | 1 st May 2020 | 15 th August 2020 | | |
| | Milestone 4 | 16 th August | 15 th September 2020 | | |
| Package-III Facilities | Milestone 1 | 16 th September 2019 | 25 th March 2020 | Under Progress | |
| | Milestone 2 | 26 th March 2020 | 30 th June 2020 | | |

6.3 Meetings, Discussions and Site Visits:

Regular progress review meetings are being held at UPJN office & sites. Following meetings were held during the month of January' 2020

| Sr. No. | Meeting with UPJN / NMCG / Appraisal agency | Date | Attendees | Description |
|---------|---|------------|---|---|
| 1. | Site inspection under package -III | 07.01.2020 | 1.P.M – UPJN 2. S.E (O&M) AECOM 3.G.M - PWPL | Inspection regarding Rehabilitation works at Salori STP & Kodra STP |
| 2. | Site inspection under Package -II | 09.01.2020 | 1.SE – PWPL 2. SCE(IV) - AECOM | Inspection regarding Rehabilitation work at Rajapur STP |
| 3. | Site inspection report under Package -I & III | 10.01.2020 | 1.SE – PWPL 2. SCE(IV) - AECOM | Inspection regarding Rehabilitation works at Naini-I STP, Lukarganj SPS & Chacharnala SPS |
| 4. | Site inspection report under Package -III. | 13.01.2020 | 1. S.E (O&M) AECOM 2.G.M - PWPL | Inspection regarding Rehabilitation work at Numayadehi STP & Sasurkhaderi SPS |
| 5. | Site inspection under package -II. | 14.01.2020 | 1.SE – PWPL 2. SCE(III) - AECOM | Inspection regarding Rehabilitation work at Mumfordganj SPS |
| 6. | Site inspection under Package -III | 16.01.2020 | 1.SE – PWPL 2. SCE(IV) - AECOM | Inspection regarding Rehabilitation work at Kodra & Ponghat STP & SPS |

6.4 Activity wise monthly Progress;

Activity wise monthly progress is enclosed as Annexure-1

| NEW CONSTRUCTION | | | |
|----------------------|-----------------------|----------------|--|
| S. No. | Structure Description | Structure Qty. | Status |
| PACKAGE - I | | | |
| PHAPHAMAU STP | | | |
| 1. | FCR tank | 01 No. | • Boulder soling work in progress |
| 2. | Store Room | 01 No. | • Construction is in under progress |
| NAINI -II | | | |
| 3. | FCR tank | 01 No. | • Excavation work started. |
| 4. | Boundary wall | 01 Lot | • Construction is in under progress. |
| 5. | Staff Quarter | 01 No. | • Excavation work completed. • 50 % PCC work completed. |

❖ No other Rehabilitation work was proceeded due to Magh Mela.

8. Photos of Meetings / Site Visits and Activities

PACKAGE - I

PHAPHAMAU FACILITIES (DISTRICT -F)



FCR – Boulder soling work in progress



Store Room – Construction work in progress

NAINI II STP



**Staff Quarter – Reinforcement checked by
UPJN official**



**Approach Road – Construction work in
progress**



Boundary wall– Footing pouring work

9. Outward Register

List of key design & documents were reviewed by Project Engineer during this period as below;

| Sr. No. | Transmittal/Ref No | Date | Description | To (Organization) | Copies To |
|---------|----------------------|-------------|--|---|---|
| 1. | AIPL/NMCG/PRAYAG/102 | 01-Jan-2020 | Observations on revised documents for Staff Quarter (Type -2) at Mawaiya Drain SPS | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 2. | AIPL/NMCG/PRAYAG/103 | 02-Jan-2020 | Prayagraj STP Project-Submission of drawings for Naini II Staff Quarter | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 3. | AIPL/NMCG/PRAYAG/104 | 02-Jan-2020 | Prayagraj STP Project-Submission of Civil Drawings for Package II/III - L-191 | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 4. | AIPL/NMCG/PRAYAG/105 | 02-Jan-2020 | Prayagraj STP Project-Submission of MV Panel Datasheet of Package-I | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 5. | AIPL/NMCG/PRAYAG/106 | 02-Jan-2020 | Prayagraj STP Project-Submission of Basana Nala Boundary Wall | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 6. | AIPL/NMCG/PRAYAG/107 | 02-Jan-2020 | Prayagraj STP Project - Submission of C&I Documents | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 7. | AIPL/NMCG/PRAYAG/108 | 02-Jan-2020 | Prayagraj STP Project - Submission of Documents Package II/III | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |

| Sr. No. | Transmittal/Ref No | Date | Description | To (Organization) | Copies To |
|---------|----------------------|-------------|--|---|---|
| 8. | AIPL/NMCG/PRAYAG/109 | 03-Jan-2020 | Prayagraj - Submission of MV Panel Data Sheet Package II/III | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 9. | AIPL/NMCG/PRAYAG/110 | 03-Jan-2020 | Observations on GA Drawings of Shantipuram MPS for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 10. | AIPL/NMCG/PRAYAG/111 | 03-Jan-2020 | Prayagraj STP Project- Submission of Mawaiya drain SPS Piping, GAD & Layout | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 11. | AIPL/NMCG/PRAYAG/112 | 03-Jan-2020 | Prayagraj STP Project- Submission of Mahewaghat SPS GAD and I&D works | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 12. | VIA MAIL | 03-Jan-2020 | Prayagraj - Submission of Basna Nalla SPS & Shantipuram MPS GA Drawings (Mail 1 of 3) | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 13. | AIPL/NMCG/PRAYAG/113 | 06-Jan-2020 | Observations on Datasheet of Transformer for Naini-I STP for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 14. | AIPL/NMCG/PRAYAG/116 | 08-Jan-2020 | Prayagraj STP Project- Submission of documents for Chlorination system of Salori & Naini-I | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 15. | AIPL/NMCG/PRAYAG/117 | 08-Jan-2020 | Prayagraj - Submission of Bio Tower Media Data Sheet - Package II/III | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi |

| Sr. No. | Transmittal/Ref No | Date | Description | To (Organization) | Copies To |
|---------|----------------------|-------------|--|---|--|
| | | | | | 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 16. | AIPL/NMCG/PRAYAG/118 | 08-Jan-2020 | Prayagraj STP Project - Submission of Salori MBBR Documents | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 17. | AIPL/NMCG/PRAYAG/119 | 08-Jan-2020 | Prayagraj - Submission of Process Analyser Data Sheet - Package II/III | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 18. | AIPL/NMCG/PRAYAG/120 | 08-Jan-2020 | Prayagraj - Submission of Process Analyser Data Sheet - Package II/III | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 19. | AIPL/NMCG/PRAYAG/121 | 08-Jan-2020 | Prayagraj - Submission of 3 KVA UPS Data Sheet Package II/III | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 20. | AIPL/NMCG/PRAYAG/123 | 09-Jan-2020 | Amendment of Payment terms of "Development Period" of STP Project at Prayagraj under Hybrid Annuity based PPP Mode | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 21. | AIPL/NMCG/PRAYAG/124 | 10-Jan-2020 | Submission of revised documents for Staff Quarter (Type -2) at Mahewaghat SPS | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 22. | AIPL/NMCG/PRAYAG/125 | 10-Jan-2020 | Prayagraj STP Project - Submission of Civil Drawing of Security Cabin | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi |

| Sr. No. | Transmittal/Ref No | Date | Description | To (Organization) | Copies To |
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| | | | | | 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 23. | AIPL/NMCG/PRAYAG/126 | 10-Jan-2020 | Prayagraj STP Project - Submission of Package I Diffuser Documents | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 24. | AIPL/NMCG/PRAYAG/127 | 10-Jan-2020 | Prayagraj - Submission of Diffuser Data Sheet - Package II/III | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 25. | AIPL/NMCG/PRAYAG/128 | 10-Jan-2020 | Prayagraj - Submission of Basna Nalla SPS Drawings | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 26. | AIPL/NMCG/PRAYAG/129 | 10-Jan-2020 | Submission of HNC and VNC pump documents for Pkg II/III | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 27. | AIPL/NMCG/PRAYAG/130 | 10-Jan-2020 | Prayagraj STP Project-Submission of Gaughat MPS Pumps (HT motor) document | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 28. | AIPL/NMCG/PRAYAG/131 | 13-Jan-2020 | Observations on RFC drawings for Phaphamau STP for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1 SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 29. | AIPL/NMCG/PRAYAG/132 | 13-Jan-2020 | Observations on Flow Meter Documents for STP projects at Allahabad under | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi |

| Sr. No. | Transmittal/Ref No | Date | Description | To (Organization) | Copies To |
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| | | | Hybrid Annuity based PPP mode | | 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 30. | AIPL/NMCG/PRAYAG/133 | 13-Jan-2020 | Observations on Ultrasonic Flow Meter Documents for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 31. | AIPL/NMCG/PRAYAG/134 | 13-Jan-2020 | Observations on Surface Aerator Documents for Package-II & III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 32. | AIPL/NMCG/PRAYAG/135 | 13-Jan-2020 | Observations on Technical datasheet of Screens for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 33. | AIPL/NMCG/PRAYAG/136 | 13-Jan-2020 | Regarding rectification of discrepancies at Rajapur STP & SPS | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 34. | AIPL/NMCG/PRAYAG/137 | 13-Jan-2020 | Regarding rectification of discrepancies at Naini-STP, Lukerganj SPS & Chacharnalla SPS | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 35. | AIPL/NMCG/PRAYAG/138 | 15-Jan-2020 | Observations on Grit removal, Thickener and clarifier documents for | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi |

| Sr. No. | Transmittal/Ref No | Date | Description | To (Organization) | Copies To |
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| | | | Package-II & III for STP projects at Allahabad under Hybrid Annuity based PPP mode | | 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 36. | AIPL/NMCG/PRAYAG/139 | 15-Jan-2020 | Prayagraj STP Project-Submission of CRS for MV Panel Datasheet of Package-I | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 37. | AIPL/NMCG/PRAYAG/140 | 15-Jan-2020 | Observations on MV Panel Datasheet of Package-II & III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 38. | AIPL/NMCG/PRAYAG/141 | 15-Jan-2020 | Observations on PLC Documents for Package II & III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 39. | AIPL/NMCG/PRAYAG/142 | 15-Jan-2020 | Observations on Analyzers of Package II & III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 40. | AIPL/NMCG/PRAYAG 143 | 17-Jan-2020 | Regarding rectification of discrepancies at Numayadahi STP & SasurKhaderi SPS | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 41. | AIPL/NMCG/PRAYAG 144 | 17-Jan-2020 | Regarding rectification of discrepancies at Mumfordganj SPS | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |

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| 42. | AIPL/NMCG/PRAYAG 145 | 17-Jan-2020 | Regarding rectification of discrepancies at Kodra STP, Kodra SPS, Ponghat STP & Ponghat SPS | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 43. | AIPL/NMCG/PRAYAG/146 | 17-Jan-2020 | Prayagraj STP Project – Submission of revised Raft drawings for Phaphamau STP | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 44. | AIPL/NMCG/PRAYAG/147 | 17-Jan-2020 | Observations on Datasheet of Pumps for Package II/III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 45. | AIPL/NMCG/PRAYAG/148 | 17-Jan-2020 | Submission of Pump Data Sheet - Package II/III | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 46. | AIPL/NMCG/PRAYAG/149 | 17-Jan-2020 | Prayagraj STP Project – Submission of Screw Pump Documents Package II & III | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 47. | AIPL/NMCG/PRAYAG/150 | 23-Jan-2020 | Observations on Data Sheet of 3 KVA UPS Package II/III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 48. | AIPL/NMCG/PRAYAG/151 | 23-Jan-2020 | Observations on Blower Documents for Package II/III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |

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| 49. | AIPL/NMCG/PRAYAG/152 | 23-Jan-2020 | Observations on GA drawing of Basna Nalla SPS for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 50. | AIPL/NMCG/PRAYAG/153 | 24-Jan-2020 | Observations on Data Sheet of 10 KVA UPS for Package II/III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 51. | AIPL/NMCG/PRAYAG/154 | 24-Jan-2020 | Observations on revised documents for Sludge Dewatering System for Package-II & III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 52. | AIPL/NMCG/PRAYAG/155 | 27-Jan-2020 | Observations on Data Sheets for Diffusers of Package II & III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 53. | AIPL/NMCG/PRAYAG/156 | 27-Jan-2020 | Observations on Comment Resolution Sheet to MV Panel of Package II/III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 54. | AIPL/NMCG/PRAYAG/157 | 28-Jan-2020 | Observations on Bio Tower Media revised Data Sheet - Package II/III for STP | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi |

| Sr. No. | Transmittal/Ref No | Date | Description | To (Organization) | Copies To |
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| | | | projects at Allahabad under Hybrid Annuity based PPP mode | | 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 55. | AIPL/NMCG/PRAYAG/158 | 28-Jan-2020 | Observations on Comment Resolution Sheet for datasheet of Flowmeters for Package II & III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |
| 56. | AIPL/NMCG/PRAYAG/159 | 29-Jan-2020 | Observations on Comment Resolution Sheet for datasheet of Process Analyser of Package III for STP projects at Allahabad under Hybrid Annuity based PPP mode | The General Manager, Ganga Pollution Control Unit | 1. SEFAE, NMCG, New Delhi 2. M/s PWPL, Prayagraj 3. PM-I, PM-IV, PM-E&M - UPJN, Prayagraj |

10. Inward Register

List of key design & documents were received by Project Engineer during this period as below;

| Sr. No. | Transmittal/Ref No | Date | Description | From |
|---------|------------------------|----------|---|---|
| 1. | 03/PWPL (ADANI)/02 | 1-Jan-20 | Regarding alternative treatment of overflow & discharge drains of SPSs and STPs respectively. | Project Manager, Ganga Pollution control unit |
| 2. | 15/PWPL (ADANI)/4 | 3-Jan-20 | Regarding -Anubandh No.31/G.M/2018/19 under Shantipuram STP Phaphamau Package-I of Inspection Report | Project Manager, Ganga Pollution control unit |
| 3. | 30/PWPL (ADANI)/5 | 3-Jan-20 | Regarding submission of Gas Engine documents of Naini-I | Project Manager, Ganga Pollution control unit |
| 4. | PWPL/UPJN/PM CG/001/20 | 3-Jan-20 | Request for inspection of materials for Pkg-II & III | Project Manager, Ganga Pollution control unit |
| 5. | PWPL/UPJN/PM CG/004/20 | 3-Jan-20 | Submission of PLC System control system configuration diagram for Pkg-III | Project Manager, Ganga Pollution control unit |
| 6. | 31/PWPL (ADANI)/07 | 3-Jan-20 | Submission of credential documents for SRC cement | Project Manager, Ganga Pollution control unit |
| 7. | PWPL/UPJN/PM CG/002/20 | 8-Jan-20 | Submission of RFC drawings for Phaphamau STP | Project Manager, Ganga Pollution control unit |
| 8. | PWPL/UPJN/PM CG/003/20 | 8-Jan-20 | Submission of PLC documents for Pkg-II & III | Project Manager, Ganga Pollution control unit |
| 9. | PWPL/UPJN/PM CG/004/20 | 8-Jan-20 | Submission of HFD drawings for Pkg-I | Project Manager, Ganga Pollution control unit |
| 10. | PWPL/UPJN/PM CG/005/20 | 8-Jan-20 | Submission of Basana Nalla Civil weir drawing | Project Manager, Ganga Pollution control unit |
| 11. | PWPL/UPJN/PM CG/006/20 | 8-Jan-20 | Submission of Shantipuram Nalla weir drawing | Project Manager, Ganga Pollution control unit |
| 12. | 86/PWPL (ADANI)/12 | 9-Jan-20 | Regarding approval of LT Power & Control Cable Data sheet for package II & III | Project Manager, Ganga Pollution control unit |
| 13. | 84/PWPL (ADANI)/10 | 9-Jan-20 | Regarding approval of LV Panel Data Sheet for Naini-I STP, Salori STP & Chacharnalla SPS for package II & III | Project Manager, Ganga Pollution control unit |

| Sr. No. | Transmittal/Ref No | Date | Description | From |
|---------|------------------------|-----------|---|---|
| 14. | 85/PWPL (ADANI)/11 | 9-Jan-20 | Regarding approval of Transformer Data Sheet of Naini I STP for package II | Project Manager, Ganga Pollution control unit |
| 15. | 90/PWPL (ADANI)/13 | 9-Jan-20 | Regarding alternative treatment of overflow & discharge drains of SPSs and STPs respectively. | Project Manager, Ganga Pollution control unit |
| 16. | 91/PWPL (ADANI)/14 | 9-Jan-20 | Regarding alternative treatment of overflow & discharge drains of SPSs and STPs respectively. | Project Manager, Ganga Pollution control unit |
| 17. | 92/PWPL (ADANI)/15 | 9-Jan-20 | Regarding alignment of pipe Mahewa Ghat SPS to Naini-2 STP | Project Manager, Ganga Pollution control unit |
| 18. | PWPL/UPJN/PM CG/007/20 | 10-Jan-20 | Submission of C&I cable data sheet of package-II &III | Project Manager, Ganga Pollution control unit |
| 19. | PWPL/UPJN/PM CG/008/20 | 10-Jan-20 | Submission of phaphamau STP GA Drawing Rev-1 | Project Manager, Ganga Pollution control unit |
| 20. | PWPL/UPJN/PM CG/009/20 | 10-Jan-20 | Submission of Basana Nalla Civil drawing/ coarse screen/wet well | Project Manager, Ganga Pollution control unit |
| 21. | PWPL/UPJN/PM CG/010/20 | 10-Jan-20 | Submission of Mawaiya drain weir drawings | Project Manager, Ganga Pollution control unit |
| 22. | PWPL/UPJN/PM CG/011/20 | 10-Jan-20 | Submission of civil drawing of security cabin/Phaphamau | Project Manager, Ganga Pollution control unit |
| 23. | PWPL/UPJN/PM CG/012/20 | 10-Jan-20 | Submission of mahewaghat SPS staff Quarters | Project Manager, Ganga Pollution control unit |
| 24. | PWPL/UPJN/PM CG/013/20 | 10-Jan-20 | Submission of MV panel Datasheet of Package-I | Project Manager, Ganga Pollution control unit |
| 25. | PWPL/UPJN/PM CG/014/20 | 10-Jan-20 | Submission of Revised FCR drawings for Phaphamau STP/ Raft | Project Manager, Ganga Pollution control unit |
| 26. | PWPL/UPJN/PM CG/015/20 | 10-Jan-20 | Submission of revised data sheet for package II & III MV Panel | Project Manager, Ganga Pollution control unit |
| 27. | PWPL/UPJN/PM CG/019/20 | 10-Jan-20 | Submission of sludge dewatering building at Naini-I | Project Manager, Ganga Pollution control unit |
| 28. | PWPL/UPJN/PM CG/020/20 | 10-Jan-20 | Reg Approval of drawings | Project Manager, Ganga Pollution control unit |
| 29. | PWPL/UPJN/PM CG/021/20 | 10-Jan-20 | Submission of Revised RFC drawings for Phaphamau STP | Project Manager, Ganga Pollution control unit |

| Sr. No. | Transmittal/Ref No | Date | Description | From |
|---------|------------------------------|-----------|---|---|
| 30. | PWPL/UPJN/PM CG/022/20 | 10-Jan-20 | Submission of screw pump documents for Pkg-II & III | Project Manager, Ganga Pollution control unit |
| 31. | PWPL/UPJN/PM CG/023/20 | 13-Jan-20 | Reg Bio gas engine at Naini-I STP | Project Manager, Ganga Pollution control unit |
| 32. | PWPL/UPJN/PM CG/024/20 | 14-Jan-20 | Reg extension of COD for Pkg-III | Project Manager, Ganga Pollution control unit |
| 33. | PWPL/UPJN/PM CG/025/20 | 14-Jan-20 | Reviewed Road & Drain drawings at Basna Nalla SPS & Mawaiya Nalla SPS | Project Manager, Ganga Pollution control unit |
| 34. | PWPL/UPJN/PM CG/026/20 | 14-Jan-20 | submission of revised data sheet for CCTV for Pkg-I | Project Manager, Ganga Pollution control unit |
| 35. | PWPL/UPJN/PM CG/027/20 | 14-Jan-20 | Submission of revised BEP documents for Jhusi STP | Project Manager, Ganga Pollution control unit |
| 36. | PWPL/UPJN/PM CG/028/20 | 14-Jan-20 | Submission of Floor Layout for Naini-II STP | Project Manager, Ganga Pollution control unit |
| 37. | PWPL/UPJN/PR AYAGRAJ/O&M /41 | 14-Jan-20 | Reg treatment of alternate flow | Project Manager, Ganga Pollution control unit |
| 38. | PWPL/UPJN/PM CG/029/20 | 14-Jan-20 | submission of MPR for Dec'19 | Project Manager, Ganga Pollution control unit |
| 39. | PWPL/UPJN/PM CG/030/20 | 14-Jan-20 | submission of revised data sheet of analyzer for pkg-II & III Salori, Kodra & Ponghat | Project Manager, Ganga Pollution control unit |
| 40. | PWPL/UPJN/PM CG/031/20 | 14-Jan-20 | submission of PLC logic write up for Pkg-II & III | Project Manager, Ganga Pollution control unit |
| 41. | PWPL/UPJN/PM CG/032/20 | 14-Jan-20 | submission of revised data sheet of analyzer for pkg-II & III Naini, rajapur, numayadahi | Project Manager, Ganga Pollution control unit |
| 42. | PWPL/UPJN/PM CG/033/20 | 14-Jan-20 | submission of revised documents for sludge dewatering system | Project Manager, Ganga Pollution control unit |
| 43. | PWPL/UPJN/PM CG/034/20 | 14-Jan-20 | submission of revised raft design & drawings for Phaphamau STP | Project Manager, Ganga Pollution control unit |
| 44. | 136/PWPL (ADANI)/18 | 14-Jan-20 | Regarding rectification of discrepancies at Naini-I STP, Lukerganj SPS and Chacharnalla SPS | Project Manager, Ganga Pollution control unit |
| 45. | 135/PWPL (ADANI)/17 | 14-Jan-20 | Regarding rectification of discrepancies at Rajapur STP & SPS | Project Manager, Ganga Pollution control unit |

| Sr. No. | Transmittal/Ref No | Date | Description | From |
|---------|-------------------------------|-----------|--|---|
| 46. | PWPL/UPJN/PM CG/035/20 | 16-Jan-20 | submission of Naini-I Gas engine documents | Project Manager, Ganga Pollution control unit |
| 47. | PWPL/UPJN/PM CG/036/20 | 16-Jan-20 | submission of Bio tower media revised data sheet Pkg-II & III | Project Manager, Ganga Pollution control unit |
| 48. | PWPL/UPJN/PM CG/037/20 | 16-Jan-20 | submission of operation & control philosophy Pkg-III | Project Manager, Ganga Pollution control unit |
| 49. | 169/PWPL (ADANI)/20 | 16-Jan-20 | Regarding approval of data sheet, G.A. drawing and Piping and Instrumentation Drawing for Chlorination system of Salori and Naini-I Package II & III | Project Manager, Ganga Pollution control unit |
| 50. | 170/PWPL (ADANI)/21 | 16-Jan-20 | Regarding Vendor Approval | Project Manager, Ganga Pollution control unit |
| 51. | 160/811/10 | 16-Jan-20 | Regarding GM UPJN Inspection report for Kodra 25 MLD, Ponghat 10 MLD, Numayadahi 50 MLD and Naini STP | Project Manager, Ganga Pollution control unit |
| 52. | PWPL/UPJN/PM CG/038/20 | 17-Jan-20 | submission of drawings for inlet chamber coarse screen & well shantipuram MPS | Project Manager, Ganga Pollution control unit |
| 53. | PWPL/UPJN/PM CG/039/20 | 17-Jan-20 | submission of civil drawings sludge dewatering building at salori | Project Manager, Ganga Pollution control unit |
| 54. | PWPL/UPJN/PM CG/040/20 | 17-Jan-20 | submission of drawing for road & drain at Mahewaghat drain SPS | Project Manager, Ganga Pollution control unit |
| 55. | PWPL/UPJN/PR AYAGRAJ/SITE/155 | 17-Jan-20 | Inspection report of Suyog C&I cable | Project Manager, Ganga Pollution control unit |
| 56. | PWPL/UPJN/PR AYAGRAJ/O&M/44 | 17-Jan-20 | Submission of Lab report from UPGB | Project Manager, Ganga Pollution control unit |
| 57. | PWPL/UPJN/PM CG/041/20 | 18-Jan-20 | submission of CRS of MV Panel for Pkg-II & III | Project Manager, Ganga Pollution control unit |
| 58. | PWPL/UPJN/PM CG/042/20 | 18-Jan-20 | submission of drawings for road & drain at Naini II | Project Manager, Ganga Pollution control unit |
| 59. | PWPL/UPJN/PM CG/043/20 | 18-Jan-20 | submission of revised data sheet of 3 KVA UPS for Pkg-II & III | Project Manager, Ganga Pollution control unit |
| 60. | PWPL/UPJN/PM CG/044/20 | 18-Jan-20 | submission of revised data sheet of 10 KVA UPS for Pkg-II & III | Project Manager, Ganga Pollution control unit |

| Sr. No. | Transmittal/Ref No | Date | Description | From |
|---------|------------------------|-----------|---|---|
| 61. | PWPL/UPJN/PM CG/045/20 | 18-Jan-20 | submission of civil drawing for Bio Gas Engine at Naini-I STP | Project Manager, Ganga Pollution control unit |
| 62. | PWPL/UPJN/PM CG/046/20 | 20-Jan-20 | submission of civil drawing for new chlorination storage building at Naini-I STP | Project Manager, Ganga Pollution control unit |
| 63. | PWPL/UPJN/PM CG/047/20 | 20-Jan-20 | submission of ABG for Pkg-I II & III mobilization advance | Project Manager, Ganga Pollution control unit |
| 64. | PWPL/UPJN/PM CG/048/20 | 20-Jan-20 | submission of revised datasheet-diffuser for Pkg-II & III | Project Manager, Ganga Pollution control unit |
| 65. | PWPL/UPJN/PM CG/049/20 | 20-Jan-20 | submission of revised data sheet of Analyzers for Pkg-II & III | Project Manager, Ganga Pollution control unit |
| 66. | PWPL/UPJN/PM CG/050/20 | 20-Jan-20 | submission of QC documents of Organica | Project Manager, Ganga Pollution control unit |
| 67. | PWPL/UPJN/PM CG/051/20 | 21-Jan-20 | Scheduled COD for Jhusi STP facility | Project Manager, Ganga Pollution control unit |
| 68. | PWPL/UPJN/PM CG/052/20 | 22-Jan-20 | submission of SLD & GA for MV Panel for Package II & III | Project Manager, Ganga Pollution control unit |
| 69. | PWPL/UPJN/PM CG/053/20 | 21-Jan-20 | submission of techno commercial proposal for additional 5 SPS | Project Manager, Ganga Pollution control unit |
| 70. | PWPL/UPJN/PM CG/054/20 | 21-Jan-20 | submission of Phaphamau STP GA drawings Rev1 | Project Manager, Ganga Pollution control unit |
| 71. | PWPL/UPJN/PM CG/055/20 | 21-Jan-20 | Notice for completion of payment milestone of Pkg-II & III | Project Manager, Ganga Pollution control unit |
| 72. | PWPL/UPJN/PM CG/056/20 | 21-Jan-20 | submission of Inlet chamber coarse screen & wet well drawins for mawaiya SPS | Project Manager, Ganga Pollution control unit |
| 73. | PWPL/UPJN/PM CG/057/20 | 21-Jan-20 | submission of civil drawing for sludge dewatering building at rajapur | Project Manager, Ganga Pollution control unit |
| 74. | 215/PWPL (ADANI)/24 | 21-Jan-20 | Regarding rectification of discrepancies at Numayadahi STP & Sasurkhaderi SPS | Project Manager, Ganga Pollution control unit |
| 75. | 216/PWPL (ADANI)/25 | 21-Jan-20 | Regarding rectification of discrepancies at Mumfordganj SPS | Project Manager, Ganga Pollution control unit |
| 76. | 217/PWPL (ADANI)/26 | 21-Jan-20 | Regarding rectification of discrepancies at Kodra STP, Kodra SPS, Ponghat STP & Ponghat SPS | Project Manager, Ganga Pollution control unit |

| Sr. No. | Transmittal/Ref No | Date | Description | From |
|---------|------------------------|-----------|---|---|
| 77. | PWPL/UPJN/PM CG/058/20 | 22-Jan-20 | Submission of CRS for Submersible Pumps for Package II & II | Project Manager, Ganga Pollution control unit |
| 78. | PWPL/UPJN/PM CG/059/20 | 22-Jan-20 | Submission of CRS for Flow Meters for Package II & III | Project Manager, Ganga Pollution control unit |
| 79. | 235/PWPL (ADANI)/29 | 22-Jan-20 | Prayagraj STP Project - Submission of drawings for Road & Drain at Mahewa Ghat Drain SPS | Project Manager, Ganga Pollution control unit |
| 80. | PWPL/UPJN/PM CG/060/20 | 23-Jan-20 | Submission of Inlet chamber coarse screen & wet well drawins for Mahewaghat SPS | Project Manager, Ganga Pollution control unit |
| 81. | PWPL/UPJN/PM CG/061/20 | 22-Jan-20 | Submission of revised data sheet of Screw Pumps Package II & III | Project Manager, Ganga Pollution control unit |
| 82. | PWPL/UPJN/PM CG/062/20 | 23-Jan-20 | Submission of Civil drawing for Bio Gas Engine at Naini-I STP | Project Manager, Ganga Pollution control unit |
| 83. | PWPL/UPJN/PM CG/066/20 | 23-Jan-20 | Reply letter Regarding late submission of ABG for Pkage-I, II & III | Project Manager, Ganga Pollution control unit |
| 84. | 236/PWPL (ADANI)/30 | 23-Jan-20 | Regarding Vendor Approval | Project Manager, Ganga Pollution control unit |
| 85. | PWPL/UPJN/PM CG/063/20 | 25-Jan-20 | submission of general layout for bio gas engine at Naini-I | Project Manager, Ganga Pollution control unit |
| 86. | PWPL/UPJN/PM CG/064/20 | 25-Jan-20 | submission of revised data sheet for screens at Naini-I | Project Manager, Ganga Pollution control unit |
| 87. | PWPL/UPJN/PM CG/065/20 | 25-Jan-20 | PLC IO schedule of Package-II & III | Project Manager, Ganga Pollution control unit |
| 88. | PWPL/UPJN/PM CG/069/20 | 25-Jan-20 | submission of drawing for inlet chamber coarse screen & wet well naini-II MPS | Project Manager, Ganga Pollution control unit |
| 89. | PWPL/UPJN/PM CG/070/20 | 25-Jan-20 | submission of transformer foundation drawing for Naini-I stp | Project Manager, Ganga Pollution control unit |
| 90. | 271/PWPL (ADANI)/36 | 25-Jan-20 | Prayagraj STP Project - Submission of drawings for Road & Drain at Mahewa Ghat Drain SPS | Project Manager, Ganga Pollution control unit |
| 91. | 272/PWPL (ADANI)/37 | 25-Jan-20 | Prayagraj STP HAM Project - List fo documents pending for approval | Project Manager, Ganga Pollution control unit |
| 92. | 297/PWPL (ADANI)/39 | 29-Jan-20 | Regarding modification in design of media for biotowers and FAB for STPs in Package II & III of HAM | Project Manager, Ganga Pollution control unit |

| Sr. No. | Transmittal/Ref No | Date | Description | From |
|---------|---------------------------------|-----------|--|---|
| 93. | 298/PWPL (ADANI)/40 | 29-Jan-20 | Regarding vetting of structural drawings for Package I, II & III facilities | Project Manager, Ganga Pollution control unit |
| 94. | 299/PWPL (ADANI)/41 | 29-Jan-20 | Regarding submission of new construction milestone payment plan | Project Manager, Ganga Pollution control unit |
| 95. | PWPL/UPPCL/P RAYAGRAJ/SIT E/163 | 28-Jan-20 | Submission of revised interim availability for Package-III | Project Manager, Ganga Pollution control unit |
| 96. | 300/PWPL (ADANI)/42 | 29-Jan-20 | Regarding works to be done in rehabilitation period in addition to given scope of work in CA | Project Manager, Ganga Pollution control unit |
| 97. | PWPL/UPJN/PM CG/070/20 | 31-Jan-20 | submission of civil drawing sludge dewatering building at Rajapur STP | Project Manager, Ganga Pollution control unit |
| 98. | PWPL/UPJN/PM CG/071/20 | 31-Jan-20 | Submission of revised civil drawing for Basana Nalla Boundary wall | Project Manager, Ganga Pollution control unit |
| 99. | PWPL/UPJN/PM CG/072/20 | 31-Jan-20 | Submission of revised BEP for Jhusi Associated infrastructure | Project Manager, Ganga Pollution control unit |
| 100. | PWPL/UPJN/PM CG/073/20 | 31-Jan-20 | Submission of revised documents for grit removal & thickener for Pkg-II & III | Project Manager, Ganga Pollution control unit |
| 101. | PWPL/UPJN/PM CG/074/20 | 31-Jan-20 | submission of cabling & earthing layout at Basana Nalla SPS | Project Manager, Ganga Pollution control unit |
| 102. | PWPL/UPJN/PM CG/075/20 | 31-Jan-20 | submission of civil drawings of sludge dewatering at Naini-I | Project Manager, Ganga Pollution control unit |
| 103. | PWPL/UPJN/PM CG/076/20 | 31-Jan-20 | Submission of surface aerator documents for package-II & III | Project Manager, Ganga Pollution control unit |
| 104. | PWPL/UPJN/PM CG/077/20 | 31-Jan-20 | Prayagraj STP Project - Submission of Civil Drawing for Bio Gas Engine at Naini I STP | Project Manager, Ganga Pollution control unit |
| 105. | 308/PWPL (ADANI)/43 | 31-Jan-20 | Regarding-Vendor Approval | Project Manager, Ganga Pollution control unit |
| 106. | 324/PWPL (ADANI)/45 | 31-Jan-20 | Regarding handover of spares | Project Manager, Ganga Pollution control unit |
| 107. | PWPL/UPJN/PM CG/085-2020 | 31-Jan-20 | Prayagraj – Submission of documents for Gas Mixing System Naini I | Project Manager, Ganga Pollution control unit |

11. EHS targets, Achievement & compliance report for the month of January' 2020

11.1 Health & Safety target & goals

| Sr. No. | Goals | Target of the month | Achievement of this Month | Previous Month Achievement | Remark |
|---------|--|---------------------|---------------------------|----------------------------|--------|
| 1 | Zero total recordable injuries | 100% | 100% | 100% | - |
| 2 | All personnel Health and Safety inducted | 100% | 100% | 100% | - |
| 3 | 100% incident reporting and investigation | 100% | 100% | 100% | - |
| 4 | 100% adherence of usage of appropriate PPE's at work | 100% | 100% | 100% | - |

12. Status of statutory permits:

| Sr. No. | Description | Responsibility | Status | Target Date | Remarks |
|---------|---|----------------|------------|-------------|---------------------------|
| 1 | SPV Formation & Registration | PWPL | Completed | | |
| 2 | SPV GST Registration | PWPL | Completed | | |
| 3 | SPV Site Office Registration | PWPL | Completed | | |
| 4 | IT PAN No. / TAN No. | PWPL | Completed | | |
| 5 | Industrial Enterprise Memorandum (IEM) | PWPL | In Process | | |
| 6 | BOCW Registration | PWPL | Completed | | |
| 7 | PF Registration | PWPL | Completed | | |
| 8 | Labour Licence | PWPL | Completed | | |
| 9 | Registration under Professional tax Act for employee | PWPL | Completed | | |
| 10 | Import/ Export Code Registration | PWPL | NA | | |
| 11 | Permission for various imports / spares pursuant to the Foreign Trade | PWPL | NA | | |
| 12 | Essentiality Certificate for import duty concession | PWPL | NA | | |
| 13 | CEIG Clearance | PWPL | Pending | | During construction phase |

| Sr. No. | Description | Responsibility | Status | Target Date | Remarks |
|---------|---|----------------|-------------|-------------|--|
| 14 | Safety clearance - EOT cranes, hoists and other lifting devices | PWPL | Pending | | During construction phase |
| 15 | Permission for Ground Water Use | PWPL | NA | | Not required. Water will be arranged through tanker / local sources. |
| 16 | Construction Power Connection | PWPL | In progress | | Applied |
| 17 | Consent to Operate for New Facilities | PWPL | Pending | 31-Aug-21 | After COD |