

## SUNDAR NAGAR IPS

Date of Issue: **3-Feb-2023**

### CHECKLIST OF BALANCE WORKS

Issued by: **STC, Kanpur**

S. No.	Unit /Location	Items / Description of Work	Supply	Installation / Construction	Commissioning / Testing / Inspection	Remarks / Balance Works
<b>A</b>	<b>Sundar Nagar IPS</b>					
<b>A.1</b>	<b>Rising main</b>					
1		ARV, 3 Nos.	Completed	<b>Completed</b>	Pending	
2		Chambers for ARV, 3 Nos.	NA	Not Started	Pending	
3		Sluice Gates valve, 3 Nos.	Completed	<b>Completed</b>	Pending	
4		FIT-401 & 501 (Flow Indicator Transmitter)	Completed	Pending	Pending	
5		Hydro test should be conducted as per CA	NA	NA	Pending	
6		Road Restoration	NA	Pending	Pending	
<b>A.2</b>	<b>Coarse screen channel (Manual)</b>					
1		Manual Bar screen, 1 No.	Completed	<b>Completed</b>	Pending	
2		Sluice gate, 2 Nos	Completed	<b>Completed</b>	Pending	
3		Access for Screening & Grit removal	Pending	Pending	Pending	
<b>A.3</b>	<b>Coarse screen channel (Mechanical)</b>					
1		Mechanical coarse screen, 1 No.	Completed	<b>Completed</b>	Pending	
2		Conveyor belt & chute Arrangement, 1 No.	Completed	<b>Completed</b>	Pending	
<b>3</b>		Wheeled trolley, 2 No.	Completed	Pending	Pending	
4		Sluice gate, 2 Nos	Completed	<b>Completed</b>	Pending	
5		Cable	Completed	<b>Completed</b>	Pending	
6		Cable tray	Completed	<b>Completed</b>	Pending	
		Differetail level transmitter -1 Lots	Completed	<b>Completed</b>	Pending	
		Automation work of all gate	Completed	<b>Work In Progress</b>	Pending	
<b>A.4</b>	<b>Raw Sewage Pump House (RSPH)</b>					
1		Raw Sewage pumps, 5 Nos.	Completed	Completed	Pending	
2		Sluice gate valves, 5 Nos.	Completed	Completed	Pending	
3		Non return valve (NRV), 5 Nos.	Completed	Completed	Pending	
4		Isolation valve, 800mm, 1 No.	Completed	<b>Completed</b>	Pending	
5		Pipe reducers, 4 Nos.	Pending	Pending	Pending	

6	EOT hoist, 1 No.	Completed	<b>Completed</b>	Pending	
7	Monorail beam, 1 No.	Completed	Completed	NA	
8	Ultrasonic level sensor, 1 Nos.	Completed	Completed	Pending	
9	Inlet flow meter	Completed	<b>Work In Progress</b>	Pending	
10	Inlet flow meter Chamber	NA	Pending	Pending	
	Pressure transducer, 1 lot	Completed	Pending	Pending	
11	Exhaust fan, internal electrification, earthing,	Completed	Work In Progress	Pending	
<b>A.5 Electrical &amp; Related Works</b>					
1	Transformer, 1 Nos.	Completed	<b>Work In Progress</b>	Pending	
2	DG set, 1 Nos.	Completed	<b>Completed</b>	Pending	
3	LPBS, 5 Nos.	Completed	<b>Completed</b>	Pending	
4	Exhaust fan, ceiling fan, internal electrification, earthing, AC for panel room	Completed	Work In Progress	Pending	
5	Indoor & Outdoor Lighting	Completed	Pending	Pending	
6	LT Panel, 1 lot	Completed	<b>Completed</b>	Pending	
7	Metering Room	Completed	Work In Progress	Pending	
8	KESCO Power Connection	NA	Pending	Pending	Pending by UPJN
<b>A.6 Civil &amp; Site Improvement Works</b>					
1	Screen channel	NA	Completed	Pending	<b>RFI Pending</b>
2	Sump & pump	NA	Completed	Pending	<b>Painting &amp; finishing work pending</b>
3	Panel room Cum Staff quarter room	NA	Completed	Pending	<b>Gate fixing pending</b>
4	Overhead service tank	Completed	Completed	Pending	<b>RFI Pending</b>
5	Service water pumps & plumbing	NA	<b>Completed</b>	Pending	<b>RFI pending</b>
6	Tiling / Flooring at all Buildings	NA	Not Started	Pending	<b>Tiling work pending in guard room</b>
7	All Buildings Roof rainwater drains, Roof treatment, Plinth protection	NA	<b>Pending</b>	Pending	<b>Pinth protection pending</b>
8	Indoor & Outdoor Painting	Completed	<b>Work In Progress</b>	Pending	<b>Painting &amp; finishing work pending boundary wall and some parts of units</b>

9	Doors, Windows, Shutters, etc.	Pending	Work In Progress	Pending	<b>Door pending in Guard room</b>
10	Stormwater drains	NA	Not Started	Pending	<b>Not started work</b>
11	Backfilling, Grading	NA	Not Started	Pending	<b>Not started work</b>
12	Landscaping	NA	Not Started	Pending	<b>Not started work</b>
13	Entry Road	NA	Not Started	Pending	<b>Not started work</b>
14	Internal Pathways / Access Roads	NA	Not Started	Pending	<b>Not started work</b>
<b>A.7</b>	<b>Site Safety &amp; Security</b>				
1	Guard Room	NA	Work In Progress	Pending	<b>finshing work pending</b>
2	Entrance Gate	NA	Not Started	Pending	
3	Boundary Wall	NA	Work In Progress	Pending	<b>Brick work &amp; concrete work in progress</b>
<b>4</b>	Handrailing	<b>Completed</b>	<b>Work In Progress</b>	Pending	<b>Handrailing pending in meter cum staff qurater</b>
5	Fire fighting extinguishers	Pending	Pending	Pending	Supply pending
6	Nomenclature on Units / Buildings, Signboards, Site Plan, Project Banner, Site Name Banner, etc.	Pending	Pending	Pending	Supply pending
7	Site Surveylance / CCTV	Pending	Pending	Pending	Supply pending
8	Logbooks - Attendance Register, Visitor logs, RSPS logs, DG logs, Maintenance logs, etc.	Pending	Not Started	NA	Supply pending
<b>A.7</b>	<b>Miscellaneous</b>				
1	Gaskets as per IS Standards	Pending	Pending	Pending	
2	Hydrotest for all pumps discharge lines	NA	NA	Pending	
3	Hydrotest for all water retaining units	NA	NA	Pending	
4	Pipe support for all units	Pending	Pending	NA	
5	Mark TWL all structure	NA	Not Started	NA	
<b>6</b>	800mm dia sewer line conection pending in Receiving chamber	NA	Not Started	Pending	
<b>7</b>	Stud bolt for pipeline pending	<b>Completed</b>	Pending	Pending	

# ICI NALLAH IPS

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S. No.	Unit /Location	Items / Description of Work	Supply	Installation / Construction	Commissioning / Testing / Inspection	Remarks / Balance Works
<b>B</b>	<b>ICI Nallah IPS</b>					
<b>B.1</b>	<b>Rising main</b>					
1		ARV, 3 Nos.	Completed	Pending	Pending	
2		Chambers for ARV, 12 Nos.	NA	Not Started	Pending	
3		Sluice Gate valves, 3 Nos.	Completed	<b>Pending</b>	Pending	
4		Hydro test should be conducted as per CA	NA	Not Started	Pending	
5		Road Restoration	NA	Work In Progress	NA	
<b>B.2</b>	<b>Coarse screen channel (Manual)</b>					
1		Manual Bar screen, 1 No.	Completed	Completed	<b>Completed</b>	
2		Sluice gate, 2 Nos	Completed	Completed	Pending	
3		Access for Screening & Grit removal	NA	Not Started	NA	
<b>B.3</b>	<b>Coarse screen channel (Mechanical)</b>					
1		Mechanical coarse screen, 1 No.	Completed	Completed	Pending	
<b>2</b>		<b>Manual Bar screen, 1 No.</b>	Completed	<b>Completed</b>	Pending	
3		Conveyor belt & chute Arrangement, 1 No.	Completed	Completed	Pending	
4		Wheeled trolley, 2 No.	<b>Completed</b>	<b>Completed</b>	NA	
5		Sluice gate, 2 Nos	Completed	Completed	Pending	
6		Cable	Completed	<b>Completed</b>	Pending	
7		Cable tray	Completed	<b>Completed</b>	Pending	
8		Differential level transmitter-1 lot	Completed	<b>Completed</b>	Pending	
9		Automation work of all gate	Completed	Completed	Pending	
<b>B.4</b>	<b>Raw Sewage Pump House (RSPH)</b>					
1		Raw Sewage pumps, 5 Nos.	Completed	Completed	Pending	
2		Sluice gate valves, 5 Nos.	Completed	Completed	Pending	
3		Non return valve (NRV), 5 Nos.	Completed	Completed	Pending	
4		Isolation valve, 800mm, 1 No.	<b>Completed</b>	Pending	Pending	
5		Pipe reducers, 4 Nos.	Completed	Completed	Pending	
6		EOT hoist, 1 No.	Completed	Completed	Pending	
7		Monorail beam, 1 No.	Completed	Completed	Pending	
8		Ultrasonic level sensor-1nos	Completed	<b>Completed</b>	Pending	

9	Inlet flow meter	Completed	Completed	Pending	Brick chamber to be demolished and rebuilt with RCC
10	Inlet flow meter Chamber	NA	Work In Progress	Pending	
11	pressure transmitter-1 lot	Completed	Pending	Pending	
12	Exhaust fan, internal electrification, earthing	Completed	Completed	Pending	
B.5 Electrical & Related Works					
1	Transformer, 1 No	Completed	Work In Progress	Pending	LPBS No5 is not working
2	DG set, 1 No.	Completed	Completed	Pending	
3	LPBS, 5 Nos	Completed	Completed	Pending	
4	Exhaust fan, ceiling fan, internal electrification, earthing, AC for panel room	Completed	Completed	Pending	
5	Indoor & Outdoor Lighting	Completed	Completed	Pending	
6	LT Panel, 1 lot	Completed	Completed	Pending	
7	Metering Room	Completed	Completed	Pending	
B.6 Civil & Site Improvement Works					
1	Panel room cum staff quarter	NA	Work In Progress	Pending	Pinth protection work,hand railing in staircase, Rolling gates are pending
2	Overhead service tank	Completed	Work In Progress	Pending	connection pending with bore
3	Service water pumps & plumbing	Completed	Work In Progress	Pending	Service water bore done, connection pending
4	Tiling / Flooring at all Buildings	NA	Work In Progress	Pending	Tilling work pending in panel room
5	All Buildings Roof rainwater drains, Roof treatment, Plinth protection	NA	Work In Progress	Pending	All units Plinth protection work pending
6	Indoor & Outdoor Painting	NA	Work In Progress	Pending	Painting work pending all units
7	Doors, Windows, Shutters, etc.	Completed	Completed	Pending	RFI pending

9	Stormwater drains	NA	Not Started	Pending	not startad work
10	Backfilling, Grading	NA	<b>Work In Progress</b>	Pending	not startad work
11	Landscaping	NA	Not Started	Pending	not startad work
12	Entry Road	NA	Completed	Pending	<b>RFI pending</b>
13	Internal Pathways / Access Roads	NA	Work In Progress	Pending	<b>Internal road done with out compection test.</b>
<b>B.7</b>	<b>Site Safety &amp; Security</b>				
1	Guard Room	NA	Work In Progress	Pending	<b>Stair handrailing, painting work, Plinth protection work, Gate fixing pending</b>
2	Entrance Gate	Pending	Pending	Pending	<b>Entrance gate supply and fixing Pending</b>
3	Boundary Wall	NA	Work In Progress	Pending	<b>Painting work pending all units</b>
4	Handrailing	Completed	Work In Progress	Pending	<b>Handrailing in progress in meter cum staff quarter</b>
5	Fire fighting extinguishers	Completed	Work In Progress	Pending	<b>Supply pending</b>
6	Nomenclature on Units / Buildings, Signboards, Site Plan, Project Banner, Site Name Banner, etc.	Pending	Pending	Pending	<b>Supply pending</b>
7	Site Surveylance / CCTV	Pending	Pending	Pending	<b>Supply pending</b>
8	Logbooks - Attendance Register, Visitor logs, RSPS logs, DG logs, Maintenance logs, etc.	Pending	Pending	NA	<b>Not guard deploy yet</b>
<b>B.7</b>	<b>Miscellaneous</b>				
1	Gaskets as per IS Standards	Pending	Pending	Pending	
2	Hydrotest for all pumps discharge lines	NA	NA	Pending	
3	Hydrotest for all water retaining units	NA	NA	Pending	
4	Pipe support for all units	Pending	Pending	NA	
6	<b>Stud bolt for pipeline pending</b>	<b>Pending</b>	<b>Pending</b>	<b>Pending</b>	

## THERMAL NALLAH A I&D

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Date of Issue: 3-Feb-2023

Issued by: STC, Kanpur

S. No.	Unit /Location	Items / Description of Work	Supply	Installation / Construction	Commissioning / Testing / Inspection	Remarks / Balance Works
<b>C</b>	<b>Thermal Nallah A I&amp;D</b>					
<b>C.1</b>	<b>Trunk Sewer to 30 MLD STP</b>					
1		Sluice Gates, 3 Nos.	Completed	Completed	Pending	
2		Hydro test should be conducted as per CA	Pending	Pending	Pending	
3		Road Restoration	<b>NA</b>	<b>Pending</b>	<b>NA</b>	
<b>C.2</b>	<b>Coarse screen channel (Manual)</b>					
1		Manual Bar screen, 1 No.	Completed	Completed	Pending	
2		Sluice gate, 2 Nos	Completed	Completed	<b>Work In Progress</b>	
3		Access for Screening & Grit removal	NA	<b>Pending</b>	Pending	
<b>C.3</b>	<b>Electrical &amp; Related Works</b>					
1		Outdoor Lighting	Pending	Pending	Pending	
<b>C.4</b>	<b>Civil &amp; Site Improvement Works</b>					
1		Indoor & Outdoor Painting	NA	Completed	Pending	<b>RFI Pending</b>
2		Stormwater drains	NA	NA	NA	
3		Backfilling, Grading	NA	<b>Pending</b>	Pending	<b>Back filling and grading work pending</b>
4		Landscaping	NA	<b>Pending</b>	Pending	<b>No any work start for landscaping</b>
5		Internal Pathways / Access Roads	NA	Pending	Pending	<b>Pending</b>
<b>C.5</b>	<b>Site Safety &amp; Security</b>					
1		Guard /Labour Room /Washroom	NA	Not Started	NA	<b>Not any civil work start for guard room</b>
2		Handrailing	NA	Completed	Pending	<b>RFI Pending</b>
3		Nomenclature on Units / Buildings, Signboards, Site Plan, Project Banner, Site Name Banner, etc.	Pending	Pending	Pending	<b>Supply pending</b>
4		Site Surveyance / CCTV	Pending	Pending	Pending	<b>Supply &amp; installation work pending</b>
5		Logbooks - Attendance Register, Visitor logs, Maintenance logs, etc.	NA	Pending	NA	<b>No any guard parsent yet</b>

C.6	Miscellaneous					
2		Hydrotest for all water retaining units	NA	NA	Pending	<b>RFI pending</b>



### 30 MLD STP AT PANKHA

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S. No.	Unit /Location	Items / Description of Work	Supply	Installation / Construction	Commissioning / Testing / Inspection	Remarks / Balance Works
<b>D</b>	<b>30 MLD STP</b>					
D.1	Receiving Chamber					
1		Automatic systems for all gates	Completed	Completed	Pending	
<b>D.2</b>	<b>Mechanical &amp; Manual Coarse screen chamber</b>					
1		Mechanical coarse screen, 1 No.	Completed	Completed	Pending	
2		Manual coarse screen, 1 No.	Completed	Completed	NA	
3		Conveyor belt & chute Arrangement, 1 No.	Completed	Completed	Pending	
4		Wheeled trolley, 2 Nos	Completed	Completed	NA	
5		Sluice gate, 6 Nos	Completed	Completed	Pending	
6		Cable	Completed	Completed	Pending	
7		Cable tray	Completed	Completed	Pending	
8		Differrnatail level transmitter, 1 Lots	Completed	Completed	Pending	
<b>D.3</b>	<b>Raw Sewage Sump &amp; Main Pump House (MPS)</b>					
1		Raw Sewage pumps, 5 Nos.	Completed	Completed	Pending	
2		Sluice gate valves, 5 Nos.	Completed	Completed	Pending	
3		Non return valve (NRV), 5 Nos.	Completed	Completed	Pending	
4		Isolation valve, 700 mm, 2 No.	Completed	Completed	Pending	
5		Pressure switch, 5 Nos	Completed	Work In Progress	Pending	
6		Piping , Pipe supports	Completed	Pending	Pending	
7		EOT hoist, 1 No.	Completed	Completed	Pending	
8		Monorail beam, 1 No.	Completed	Completed	Pending	
9		Hydro test for Pumps discharge Line	NA	NA	Pending	
10		Ultrasonic level sensor, 1 nos	Completed	Completed	Pending	
11		Inlet flow meter	Completed	Completed	Pending	
12		Inlet flow meter Chamber	Completed	Completed	Pending	
13		LCS Panel, 5 nos.	Completed	Completed	Pending	
14		Water quality anylzer, 1 nos.	Completed	Completed	Pending	
15		pressure Gauge, 5 Nos	Completed	Pending	Pending	
16		Exhaust fan, internal electrification, earthing	Completed	Completed	Pending	

#### D.4 Primary Treatment Unit (PTU)

1	Mechanical fine screen, 2 Nos.	Completed	Completed	Pending	
2	Manual fine screen,1 Nos.	Completed	Completed	<b>NA</b>	
3	Mechanical Sluice gate , 9 Nos.	Completed	Completed	Pending	
4	Grit Mechanism ,2 nos	Completed	Completed	Pending	
5	Organic pumps, 2 Nos	Completed	Completed	Pending	
6	Screw classifier, 02 Nos	Completed	Completed	Pending	
7	Sluice gate valves, 03 Nos.	Completed	Completed	Pending	
8	Conveyor belt & chute Arrangement, 1 No.	Completed	Completed	Pending	
9	Grit Washer Unit, 02 Nos	Pending	Pending	Pending	
10	Wheeled trolley, 3 Nos	Completed	<b>Completed</b>	NA	
11	Torque switch ,02 nos	Completed	<b>Work In Progress</b>	Pending	
	LPBS-6 Nos.	Completed	Completed	Pending	
12	Ultrasonic differential level transmitter, 1 lot	Completed	Completed	Pending	
<b>D.5 Parshall Flume channel</b>					
1	Ultrasonic flow transmitter, 1 Nos	Completed	Completed	Pending	
2	Flow Chart and scale installation	<b>Pending</b>	<b>Pending</b>	Pending	
<b>D.5 Sequentail batch reactor ( SBR 4 Nos.)</b>					
1	Mechanical Sluice gate , 4 Nos.	Completed	Completed	Pending	
2	Decanter, 4 Nos	Completed	Completed	Pending	
3	Diffusers, 1432 Nos	Completed	Completed	Pending	
4	Return activated Sludge pumps (RAS), (4w+1S) Nos	Completed	Completed	Pending	
5	Surplus activated Sludge pumps (SAS), (4W+1S) Nos	Completed	Completed	Pending	
6	Slector zone diffuser	Completed	Completed	Pending	
7	Ball Valves, 28 nos	Completed	Completed	Pending	
8	Butterfly Valves, 8 Nos	Completed	Completed	Pending	
9	Non return valve (NRV), 4 Nos.	Completed	Completed	Pending	
10	Solenoid Valve ( SOV), 4 Nos.	Completed	Completed	Pending	
11	Dissolved oxygen Meter, 28 Nos	Pending	Pending	Pending	To be installed as per CA.
12	LPBS, 4 Nos.	Completed	Completed	Pending	
13	LCS Panel, 8 nos.	Completed	Completed	Pending	
14	Hydrostatic level transmitier, 4 nos.	Completed	Completed	Pending	

**D.6 Air Blower Unit ( For SBR)**

1	Air Blowers, 06 Nos	Completed	Completed	Pending
2	Butterfly Valves, 6 Nos	Completed	Completed	Pending
3	Non return Valves, 6 Nos	Completed	Completed	Pending
4	Ball Valves, 06 Nos	Completed	Pending	Pending
5	EOT hoist, 1 No.	Completed	<b>Completed</b>	Pending
6	Pressure indicator, 6 Nos	Completed	<b>Completed</b>	Pending
7	Acoustic hood, 6 Nos	Completed	Completed	Pending
8	LPBS, 6 Nos.	Completed	Completed	Pending
9	Exhaust fan, internal electrification, earthing,	Completed	Completed	Pending

Internal electrification work not done properly.

**D.7 Sludge Thickener Unit**

1	Sludge Thickener , 1 No.	Completed	Completed	Pending
2	Knife gate Valve (KGV), 2 Nos	Completed	Completed	Pending
3	Butterfly Valve (BFV), 1 No.	Pending	Pending	Pending
4	Ball Valves, 1 No.	Completed	Pending	Pending
5	LPBS-1 nos.	Completed	Completed	Pending
6	Torque switch , 1 Nos	Completed	Pending	Pending

**D.8 Supernatant Sump**

1	Supernatant pumps, 4 Nos	Completed	Completed	Pending
2	Agitator, 1 Nos	Completed	Completed	Pending
3	Non return Valves, 4Nos	Completed	Completed	Pending
4	Butterfly Valves, 2 Nos	Completed	Completed	Pending
5	LPBS, 5 Nos.	Completed	Completed	Pending
6	Ultrasonic Level transmeter, 1 nos.	Completed	Completed	Pending

**D.8 Sludge Sump**

1	Sludge sump agitator, 1 No.	Completed	Completed	Pending
2	Overflow line	Pending	Pending	Pending
3	LPBS, 1 nos.	Completed	Completed	Pending
4	Ultrasonic Level transmeter, 1 Nos.	Completed	Completed	Pending

**D.9 Centrifuge Feed pump Unit**

1	Centrifuge Feed pumps, 3 Nos	Completed	Completed	Pending
2	Knife gate Valve (KGV), 7 Nos	Completed	Completed	Pending
3	Non return Valves, 3 Nos	Completed	Completed	Pending
4	Ball Valves, 12 Nos.	Completed	<b>Completed</b>	Pending
5	Pressure indicator, 3 Nos	Completed	<b>Completed</b>	Pending
6	LPBS, 8 nos.	Completed	Completed	Pending
7	LCS Panel, 3 Nos.	Completed	Completed	Pending

**D.10 Centrifuge Building**

1	Centrifuge , 3 Nos	Completed	Completed	Pending
2	Knife gate Valve (KGV), 3 Nos	Completed	Completed	Pending
3	Ball Valves, 3 Nos.	Completed	Completed	Pending
4	Centrifuge chute Arrangement, 3 Nos	Completed	<b>Completed</b>	Pending
5	EOT hoist, 1 No.	Completed	<b>Completed</b>	Pending
6	Monorail beam, 1 No.	Completed	Completed	Pending
7	Exhaust fan, internal electrification, earthing	Completed	Completed	Pending

**D.11 Poly Dosing System**

1	Dewatering polymer agitator , 2 Nos	Completed	<b>Completed</b>	Pending
2	Polymr dosing pumps, 3 Nos	Completed	Completed	Pending
3	Ball Valves, 07 Nos.	Completed	<b>Completed</b>	Pending
4	Overflow & drain line work	Completed	Pending	Pending
5	Non return Valves,6 Nos	Pending	Pending	Pending
6	Pressure indicator , 3 Nos	Completed	Pending	Pending
7	Conductivity level switch-2 Nos.	Completed	Completed	Pending
8	Polymer material stock	<b>Completed</b>	NA	NA

**D.11 Chlorination Building**

1	EOT hoist, 1 No.	Completed	<b>Work In Progress</b>	Pending
2	Monorail beam, 1 No.	Completed	<b>Completed</b>	Pending
3	Chlorinators, 2 Nos	Completed	Completed	<b>Completed</b>
4	Chlorine Booster Pumps, 2 Nos	Completed	Completed	Pending
5	Recirculation pumps , 2 nos	Completed	<b>Completed</b>	Pending
6	Leak absorbaton system, 1 Nos	Completed	Completed	Pending
7	Air Blowers, 2 Nos	Completed	Completed	<b>Completed</b>
8	Valves, 1 lot	Completed	<b>Completed</b>	Pending
9	Pressure gauges, 7 Nos	Completed	Pending	Pending
10	Panel, 1 lots	Completed	Completed	Pending
11	<b>Sampling pump</b>	<b>Completed</b>	<b>Completed</b>	<b>Completed</b>

**D.12 Chlorine contact Tank (CCT)**

1	Level switch, 1 Nos	Completed	Completed	Pending
2	Utility water pumps, 2 Nos	<b>Completed</b>	Pending	Pending
3	Butterfly Valve (BFV), 4 Nos.	Pending	Pending	Pending
4	Non return Valves, 2 Nos	Pending	Pending	Pending
5	Pressure gauges, 2 Nos	Pending	Pending	Pending
6	Water qaiality Anylzer, 1 Nos	Completed	Completed	Pending

**D.13 Parshal Flume channel at outlet**

1	Ultrasonic open channel flow transmitter, 1 Nos	Completed	Completed	Pending
2	Flow Chart and scale installation	Pending	Pending	Pending

**D.14 Electrical & Related Works**

1	DG set, 2 Nos	Completed	Completed	Pending
2	LPBS, 1 Lot	Completed	Completed	Pending
3	Exhaust fan, ceiling fan, internal electrification, earthing, AC for panel room	Completed	Completed	Pending
4	Indoor & Outdoor Lighting	Completed	Completed	Pending
5	LT Panel, 1 lot	Completed	Completed	Pending

**D.15 Civil & Site Improvement Works**

1	<b>Admin Building</b>	NA	Completed	Pending	<b>RFI pending, Finshing work pending Plinth protection, Painting work , Staircase and finshing work pending RFI pending, Final painting work in completed 1. In SBR toe guard in handrailing pending 2. In airblower cable trench covering work pending by chaker plate</b>
2	<b>Staff Qurter</b>	<b>NA</b>	<b>Pending</b>	<b>Pending</b>	
3	<b>PTU, SBR, Airblower room</b>	NA	<b>Completed</b>	<b>Pending</b>	
4	<b>Panel room, Metering room</b>	<b>NA</b>	<b>Completed</b>	<b>Pending</b>	<b>RFI pending,</b>
5	<b>DG set, Transformer room</b>	<b>NA</b>	<b>Completed</b>	<b>Pending</b>	<b>RFI pending, 1. Graval filling in transformer pending, painting work pending of partition wall 2. DG set shed work pending</b>

6	Sludge Thickener, Supertanant sump	NA	Pending	Pending	RFI pending, 1. Lekage rectify work pending in Sludge thickner and painting work pending 2. Painting work progress in Supertanant sump
7	Centrifuge building	NA	Pending	Pending	RCC foundation work pending for centrifuge, Plinth protection and final paint work pending, Feed pump house, leakage rectify work pending
8	CCT & building Overhead service tank	NA NA	Completed Completed	Pending Pending	RFI pending RFI pending,

9	Service water pumps & plumbing	NA	<b>Completed</b>	Pending	<b>RFI pending</b>
10	Tiling / Flooring at all Buildings	NA	<b>Completed</b>	Pending	<b>RFI pending</b>
11	All Buildings Roof rainwater drains, Roof treatment, Plinth protection	NA	<b>Work In Progress</b>	Pending	<b>Plinth protection in progress, 1. KRMPL not submit drawing for plinth protection</b>
12	Indoor & Outdoor Painting	NA	<b>Completed</b>	Pending	<b>RFI Pending,</b>
13	Doors, Windows, Shutters, all buildings etc.	NA	<b>Completed</b>	Pending	<b>RFI pending</b>
14	Stormwater drains	NA	Completed	Pending	<b>Drainage work pending KRMPL not submit compliance on drawing for storm drainage</b>
15	Backfilling, Grading	NA	Work In Progress	Pending	<b>Grading in progress</b>
16	Landscaping	NA	Work In Progress	Pending	<b>Plantation work in progress</b>
17	Entry Road	NA	Completed	Pending	<b>RFI pending, Compection test pending</b>
18	Internal Pathways / Access Roads	NA	Work In Progress	Pending	<b>work in progress</b>
<b>D.16 Site Safety &amp; Security</b>					
1	Guard Room	NA	Completed	Pending	<b>RFI pending</b>
2	Entrance Gate	NA	Completed	Pending	<b>RFI Pending</b>
3	Boundary Wall	NA	Work In Progress	Pending	<b>Painting work pending</b>
4	Handrailing	Completed	<b>Work in Progress</b>	Pending	<b>Toegaurd pending in hand railing</b>
5	Fire fighting extinguishers	Pending	Pending	Pending	<b>Supply Pending</b>
6	Nomenclature on Units / Buildings, Signboards, Site Plan, Project Banner, Site Name Banner, etc.	Pending	Pending	Pending	<b>Supply Pending</b>
7	Site Surveylance / CCTV	Completed	<b>Pending</b>	<b>Pending</b>	<b>RFI pending</b>
8	<b>Safety shower</b>	<b>Completed</b>	<b>Work In Progress</b>	<b>Pending</b>	
9	Logbooks - Attendance Register, Visitor logs, RSPS logs, DG logs, Maintenance logs, etc.	Pending	Pending	Pending	<b>RFI pending</b>
<b>D.17 Miscellaneous</b>					
1	Gaskets as per IS Standards	Pending	Pending	Pending	
2	Hydrotest for all pumps, air blower, centrifuge, chlorinations etc. discharge lines	NA	NA	Pending	<b>RFI pending</b>
3	Hydrotest for all water retaining units	NA	NA	Pending	<b>Hydrotest work pending</b>
4	Pipe support for all units	Pending	Pending	Pending	
5	Marking TWL all structure	NA	Not Started	Pending	<b>Not marking start</b>
6	<b>Stud bolts all units</b>	<b>Pending</b>	<b>Pending</b>	<b>Pending</b>	
7	<b>Manhole</b>	<b>NA</b>	<b>Work In Progress</b>	<b>Pending</b>	<b>16 manhole are pending</b>

8

RCC pipe laying

Completed    Work In Progress

Pending

15.8 (Approx) KM out of 16 KM laid