

GOVERNMENT OF INDIA

BHEL

BHARAT HEAVY ELECTRICAL LTD
PS-SR-ELEC C&I COMMG / NCTPS STAGE III

SUBJECT

Main Category	:	
Sub Category	:	
Description	:	: Seeking administrative approval to initiate a e-tender for Procurement of Outlet chloride : Analyser Reagents for CPU Package

OTHER DETAILS

Language	:	English
Remarks	:	
Previous References	:	
Later References	:	

Note # 1

Ref: BHEL: PSSR: NCTPS #3: CPU: OUTLET-CHLORIDE-ANALYSER
20-11-2025

Subject: PROCUREMENT OF OUTLET CHLORIDE ANALYSER REAGENTS.

Proposal: Seeking administrative approval to initiate a e-tender for Procurement of Outlet chloride Analyser Reagents

Site: NCTPS STG III

Applicable Policy & Clause: In accordance with Purchase Policy, Clause 5.3.1(e).

Reason for Raising Proposal:

BHEL-PSSR is executing 1x800 MW, Ultra Super critical power plant for TNPGL. As part of the BOP package, M/s Driplex(Now M/s Veolia) has supplied the CPU package. M/s Driplex (Now M/s Veolia) vide letter dated DWEIL/23-24/344/001 dated 08.11.2023 (Annexure 1) had informed that the analyzer reagents have expired and require new PO from BHEL for supplying the reagents. The following analyzer reagent needs to be replaced: -

1. Outlet Chloride Analyser (Make Mettler Toledo).

M/s Driplex (Now M/s Veolia) had supplied the reagents in the year 2019 and same has expired in 2023. Site contacted the OEM of the Reagents M/s Mettler Toledo for a quotation. M/s M/s Mettler Toledo has provided quotation vide offer dated 324106749 dated 19.11.2025 (Annexure 2). In order to complete the PG test and handover the CPU package to TNPGL, it is proposed to purchase the following reagents: -

Sr. No	DESCRIPTION	UNIT	QTY.	UNIT RATE	AMOUNT
				(Rs.)	(Rs.)
1	Start Up Kit - Part Code : 58091400	Set	1	1,53,765.00	1,53,765.00

The vendor has quoted Rs 1,53,765/- (Rupees One-Lakh Fifty-three thousand seven hundred and sixty-five only) exclusive of GST, P&F charges, other charges. Site needs to replenish these chemicals in order to complete the CPU package and hand over the project to TNPGL and realize pending payment of Rs 34 Lakhs (PG test and analyzer). It proposed to procure the reagents via BHEL e-portal considering the saving in tendering time. The entire cost to be absorbed by site. Finance may concur and competent authority may please approve proposal

Sr. Manager/C&I

Manager/SCT
Manager/Finance

AGM/PD-SITE

[ANNEXURE 1 LETTER TO BHEL PROJECTS.pdf](#)
[ANNEXURE 2 3000CS Startup Kit.pdf](#)

20/11/2025 03:41 pm

**Balaguru S
SM**

Note # 2

Sir,

Please add the below details.

1. Shelf life of the Reagents.
2. Whether Customer M/s. TNPGL will compensate this procurement.
3. Delay mainly happened on the cause may be explained.

24/11/2025 02:38 pm

**Anurag
MANAGER**

Note # 3

Please find the point wise reply: -

1. Shelf life of the Reagents. The shelf life of the material is 1 year.
2. Whether Customer M/s. TNPGL will compensate this procurement.

Marketing has taken up with TNPGL for compensation for delays due to non-availability of customer inputs like CW system, design coal etc. TNPGL may compensate for the same.

3. Delay mainly happened on the cause may be explained.

Delay mainly due to non-availability of the customer inputs like CW system on time has delayed the commissioning of the system.

24/11/2025 04:42 pm

**Balaguru S
SM**

Note # 4

Forwarded for approval.

24/11/2025 05:31 pm

**Anurag
MANAGER**

Note # 5

Discussed with SM /Commng, these reagents are required for PG test and handing over of CPU to customer. Based on the urgency explained this proposal is hereby concurred and approval as per circular issued by SS&P vide No,011/2024-25 priority No.004.

Cost to be absorbed by site at the same time issues has to be addressed to customer for additional cost incurred by BHEL.

24/11/2025 06:00 pm

**S Palanivel
MANAGER(Finance)**

Note # 6

Please discuss

25/11/2025 11:31 am

**N Ramakrishnan
ADDL_GM(PROJECT DIRECTOR (NORTH
CHENNAI)**

Note # 7

Sir,

As discussed, CPU vendor had provided a quote vide mail dated 22/10/2025, vendor had provided quote for outlet chloride analyzer for Rs 7,00,000/-, hence site had contacted the OEM of the analyzer M/s Mettler-Toledo India Pvt Ltd, had received the quotation for Rs 1,53,765/-. Considering the saving it is proposed to place order on OEM. Proposal may please be approved.

[CPU VENDOR QUOTE.pdf](#)

25/11/2025 03:20 pm

**Balaguru S
SM**

Note # 8

Approved

25/11/2025 03:39 pm

**N Ramakrishnan
ADDL_GM(PROJECT DIRECTOR (NORTH
CHENNAI)**

**DWEIL/23-24/344/ 001****Date: 08.11.2023****To**

M/s Bharat Heavy Electricals limited,
1x800MW, North Chennai, Stage-III,
TANGEDCO, Athipattu pudhunagar,
Chennai -600120, Tamil Nadu.

Kind Attn. : Mr. S.P. Sethuraman (Sr. DGM – Projects)

Subject : CPU Systems for 1x 800 MW, TANGEDCO NORTH CHENNAI STG. - III BTG – Request for Price Escalation.

LOA No. : PW/PE/PG/TAN/P-250/17 DATED 29.11.17(Main Supply)
PW/PE/PG/TAN/P-219/79 DATED 29.11.17(E & C)

Dear Sir,

This is with reference to the above mentioned subject, we would like to draw your attention that Driplex has completed the erection and commissioning activities of CPU Package on 04.02.2022 (Protocol Enclosed) and sitting idle at site approx. from last 2 year due to non-availability of condensate and other inputs from TENGEDCO and BHEL as a result Driplex has incurred huge loss in the contract. Following are the list of losses Driplex has incurred till date and the same will remain continue till completion of this contract:

S. No.	Description	Total Amount (Loss) INR
1	Losses due to Maintenance (Tentative)	20,00,000.00
2	Painting of Plant (Tentative)	5,00,000.00
3	Escalation demanded by Mechanical agency (Enclosed)	10,00,000.00
4	Escalation demanded by E&I agency (Enclosed)	8,00,000.00
5	Calibration of Instruments (Tentative)	10,00,000.00

Driplex Water Engineering International Private Limited (A SUEZ Group Company)

Global Business Park, Tower A, 4th Floor, Sector 26, Gurugram, Haryana – 122002, INDIA.

Tel.: + 91-124-6901700, Fax: +91-124-6901799

Regd. Office & Works: D-21, Bhardrabad Industrial Area, Haridwar-249402. Uttarakhand, INDIA.

Tel.: +91-01334-232891, Fax: +91-01334-232892

Web: www.suezwatertechnologies.com

CIN No.: U40102UR2007PTC032443

6	Losses due to Overhead (Tentative)	40,00,000.00
7	Losses for another 2 -3 Years for PG test (Tentative)	60,00,000.00
8	Losses due to BG Renewal (8 L/year)	30,00,000.00
9	Losses of Interest on retention amount @12% Per Year	61,56,000.00
10	Unforsene Cost (If any)	10,00,000.00
11	Analyser Reagents (Self -Life Expired)	25,00,000.00
Total Loss (INR)		2,79,56,000.00

This contract is awarded to Driplex in 2017 and due to COVID and Prolongation of the contract it is very difficult for us to execute the contract on 2017 Prices, hence please refer our below submission:

- 1- Driplex requesting BHEL to Provide all the unavailable fronts/inputs immediately so that the balance job can be completed.
- 2- Driplex Requesting BHEL to release immediately all the hold amount as per the MB.
- 3- As per our experience, Driplex required another 2-3 Year to complete the PG test and handing over of this contract as parameter required at inlet of CPU Package will only be available after readiness of OT System and once the plant is in operation for a continuous period of 6-8 Month.
- 4- Driplex requesting BHEL to Release our withheld retention amount i.e. 1,13,05,846.00 immediately because it is not possible for us to wait for the collection of retention amount for a period of another 3 years.
- 5- Driplex requesting BHEL to release the BG's of CPU Packages as we have renewing the same continuously for the last 5 years without any our fault.
- 6- Also, Driplex Requesting BHEL to Provide the escalation of approx. 2.8 Cr so that we can complete the balance work.
- 7- Due to prolongation of the contract, Analyzers reagents has expired, and now new reagents is required to commission the analysers, which is critical for monitoring CPU Package parameters. Driplex need 4 month of time for the procurement of analysers from the date of receipt of order from BHEL as all analysers chemicals to be import from USA.

Now you are requested to owner our above request so that we can settle with our contractor to immediately start the left-out work at site.


Please let me know if any further clarification is required.

Thanking You,

For, **Driplex Water Engineering International Private Limited**





Ashish Tripathi
(Authorized Signatory)

 PSSR-QUALITY	Equipment	Pneumatic Valves Erection & Commissioning Protocol
	DATE OF INSPECTION	04.02.2022
	DRAWING/DOCUMENT REF.	PE-VO-423-155-A031 (Rev 02)

Description: This is to Certify that erection & commissioning of following Pneumatic Valves through DCS & Local Checking has been Successfully Completed.


Location : CPU Regeneration Area.

Sl.No.	TAG NO.	KKS CODE	DESCRIPTION	LOCAL OPERATION	REMOTE OPERATION	FEEDBACK	REMARKS
1	R3-KV601	LDP28AA012	Resin Inlet to Anion Regn. Cum Mix. Resin Storage Vessel	OK	OK	OK	
2	R3-KV602	LDP28AA013	ARU backwash drain	OK	OK	OK	TANGEDCO
3	R3-KV604	LDP28AA014	DM Water Inlet to ARU	OK	OK	OK	Remarks
4	R3-KV605	LDP28AA015	ARU Resin Outlet	OK	OK	OK	Enclosed
5	R3-KV606	LDP28AA016	ARU backwash Outlet	OK	OK	OK	In
6	R3-KV608	LDP28AA018	ARU Drain	OK	OK	OK	Annexure
7	R3-KV609	LDP28AA019	ARU Vent	OK	OK	OK	
8	R3-KV612	LDP28AA022	Resin Outlet From ARU	OK	OK	OK	
9	R3-KV613	LDP28AA023	Resin Outlet From ARU	OK	OK	OK	
10	R3-KV614	LDP28AA024	Co2 Inlet	OK	OK	NA	
11	AE-SV601	LDP28AA041	ARU Conductivity	OK	OK	NA	
12	R4-KV615	LDP28AA026	Resin Inlet to CRU	OK	OK	OK	
13	R4-KV616	LDP28AA027	CRU drain	OK	OK	OK	
14	R4-KV617	LDP28AA028	CRU drain Valve	OK	OK	OK	

			NAME	SIGNATURE & DATE	FQP NO. QPE-NB-341
PROJECT	NCTPS	DRIPLEX	S.K.DAS MOHAPATRA		REV. NO. 00
UNIT NO.	STAGE #3	BHEL	KCH. MOULI		PROTOCOL NO. : CPU - 25
RATING	800 MW	TANGEDCO			PAGE: 1 OF 3

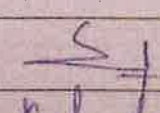
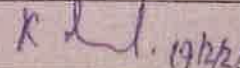
EXECUTIVE ENGINEER
ELECTRICAL DIVISION-IV
NCTPP-III, TANGEDCO
ATHIPATTU, CHENNAI-600 120

EXECUTIVE ENGINEER/ELECTRICAL/COMMISSIONING
NCTPP Stage - III/TANGEDCO
CHENNAI - 600 120

 PSSR-QUALITY	Equipment	Pneumatic Valves Erection & Commissioning Protocol
	DATE OF INSPECTION	04.02.2022
	DRAWING/DOCUMENT REF.	PE-VO-423-155-A031 (Rev 02)


Description: This is to Certify that erection & commissioning of following Pneumatic Valves through DCS & Local Checking has been Successfully Completed.
 Location : CPU Regeneration Area.

Sl.No.	TAG NO.	KKS CODE	DESCRIPTION	LOCAL OPERATION	REMOTE OPERATION	FEEDBACK	REMARKS
15	R4-KV618	LDP28AA029	CRU Backwash outlet	OK	OK	OK	
16	R4-KV619	LDP28AA030	DM Water Backwash	OK	OK	OK	TANGEDCO
17	R4-KV621	LDP28AA031	Drain down backwash	OK	OK	OK	Remarks
18	R4-KV622	LDP28AA032	CRU Vent	OK	OK	OK	enclaved
19	R4-KV623	LDP28AA033	Acid Inlet	OK	OK	OK	on
20	R4-KV625	LDP28AA035	CRU Resin Outlet	OK	OK	OK	Annexure
21	R4-KV626	LDP28AA037	DM Water line	OK	OK	OK	
22	R4-KV627	LDP28AA040	Resin Outlet From CRU	OK	OK	OK	
23	R5-KV628	LDP28AA038	Resin Inlet & Outlet from IRU	OK	OK	OK	
24	R5-KV629	LDP28AA043	DM Water Inlet from IRU	OK	OK	OK	
25	R4-KV630	LDP28AA039	IRU Drain / Vent	OK	OK	OK	
26	AE-SV602	LDP28AA042	CRU Conductivity	OK	OK	NA	
27	T4-KV701	LDQ28AA013	Alkali Inlet	OK	OK	OK	
28	T4-KV703	LDQ28AA014	Alkali Outlet	OK	OK	OK	
29	MT1-KV701	LDQ28AA018	Alkali measuring tank to Alkali Metering Pump	OK	OK	OK	

			NAME	SIGNATURE & DATE	FQP NO.: QPE-NB-341
PROJECT	NCTPS	DRIPLEX	S.K.DAS MOHAPATRA		REV. NO.: 00
UNIT NO.	STAGE #3	BHEL	KCH MOULI		PROTOCOL NO.: CPU - 25
RATING	800 MW	TANGEDCO			PAGE: 2 OF 3

EXECUTIVE ENGINEER
 ELECTRICAL DIVISION-IV
 NCTPP-III, TANGEDCO,



Executive Engineer/Electrical/Commissioning
 NCTPP Stage - III/TANGEDCO
 CHENNAI - 600 120

 PSSR-QUALITY	Equipment	Pneumatic Valves Erection & Commissioning Protocol
	DATE OF INSPECTION	04.02.2022
	DRAWING/DOCUMENT REF.	PE-VO-423-155-A031 (Rev 02)

Description: This is to Certify that erection & commissioning of following Pneumatic Valves through DCS & Local Checking has been Successfully Completed.


Location : CPU Regeneration Area.

Sl.No.	TAG NO.	KKS CODE	DESCRIPTION	LOCAL OPERATION	REMOTE OPERATION	FEEDBACK	REMARKS
30	R6-KV701	LDT28AA011	DM Water outlet from Hot water Tank	OK	OK	OK	
31	T5-KV701	LDQ28AA011	Acid inlet for Acid Meas.Tank	OK	OK	OK	Sanitized
32	T5-KV702	LDQ28AA012	Acid outlet from acid meas.Tank	OK	OK	OK	Remarks
33	MT2-KV701	LDQ28AA015	Acid dosing pump	OK	OK	OK	excluded
34	P1-KV701	LDK28AA018	DM Water to Acid mixing Tee	OK	OK	OK	Is
35	T3-KV701	LDQ28AA026	Acid Meas.Tank for N-pit inlet	OK	OK	OK	Handwritten
36	T3-KV702	LDQ28AA027	Acid dosing for N-pit - A	OK	OK	OK	
37	T3-KV703	LDQ28AA028	Acid dosing for N-pit - B	OK	OK	OK	
38	T2-KV701	LDQ28AA023	Alkali Meas.Tank for N-pit inlet	OK	OK	OK	
39	T2-KV702	LDQ28AA024	Alkali dosing for N-pit - A	OK	OK	OK	
40	T2-KV703	LDQ28AA025	Alkali dosing for N-pit - B	OK	OK	OK	
41	C1a-KV701	LDR28AA011	Air Mixing for N-pit - A	OK	OK	OK	
42	C1b-KV701	LDR28AA012	Air Mixing for N-pit - B	OK	OK	OK	
43	P1A-KV701	LDK28AA015	DM Water Pump - A	OK	OK	OK	
44	P1B-KV701	LDK28AA016	DM Water Pump - B	OK	OK	OK	

			NAME	SIGNATURE & DATE	FQP NO.:QPE-NB-341
PROJECT	NCTPS	DRIPLEX	S.K.DAS MOHAPATRA		REV. NO.:00
UNIT NO.	STAGE #3	BHEL	K. CH. MOULI	 12/2/22	PROTOCOL NO. : CPU - 25
RATING	800 MW	TANGEDCO			PAGE: 3 OF 3

EXECUTIVE ENGINEER
ELECTRICAL DIVISION-IV
NCTPP-III, TANGEDCO

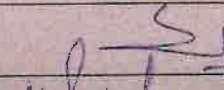
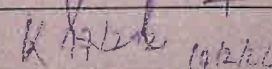
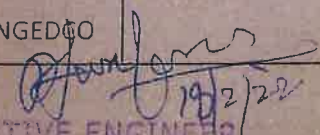

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Executive Engineer/Electrical/Commissioning
NCTPP Stage - III/TANGEDCO
CHENNAI - 600 120

 PSSR-QUALITY	Equipment	Pneumatic Valves Erection & Commissioning Protocol
	DATE OF INSPECTION	04.02.2022
	DRAWING/DOCUMENT REF.	PE-VO-423-155-A031 (Rev 02)

Description: This is to Certify that erection & commissioning of following Pneumatic Valves through DCS & Local Checking has been Successfully Completed.


Location : CPU Service Vessel Area.

Sl.No.	TAG NO.	KKS CODE	DESCRIPTION	LOCAL OPERATION	REMOTE OPERATION	FEEDBACK	REMARKS
1	R1a-KV101	LDF28AA011	Cond.Inlet Isolation Valve	OK	OK	OK	
2	R1a-KV102	LDF28AA014	Cond.outlet from service vessel ON-OFF	OK	OK	OK	TANGEDCO
3	R1a-KV103	LDF28AA017	Service Vessel pressurising	OK	OK	OK	Remarks
4	R1a-KV104	LDF28AA020	Service Vessel vent	OK	OK	OK	enclosed
5	R1a-KV105	LDF28AA023	Resin Inlet to service vessel	OK	OK	OK	in
6	R1a-KV106	LDF10AA026	Resin outlet from service vessel	OK	OK	OK	Annexure
7	R1a-KV107	LDF28AA029	Service vessel Rinse / Drain	OK	OK	OK	
8	R1a-KV108	LDF28AA032	Service vessel De-Pressurising	OK	OK	OK	
9	R1a-KV109	LDF28AA035	Cond.outlet to Header	OK	OK	OK	
10	R1a-KV110	LDF28AA038	DM Water inlet for Resin Transfer	OK	OK	OK	
11	R1a-KV111	LDF28AA041	Air inlet to Service Vessel	OK	OK	OK	
12	R1a-KV112	LDF28AA044	DM Water Flushing on line	OK	OK	OK	
13	R1-KV101	LDK28AA012	Cond. Hot Well Header Drain	OK	OK	OK	
14	R1-KV102	LDK28AA011	DM Water to Resin Transfer line	OK	OK	OK	

			NAME	SIGNATURE & DATE	FQP NO.:QPE-NB-341
PROJECT	NCTPS	DRIPLEX	S.K.DAS MOHAPATRA		REV. NO.:00
UNIT NO.	STAGE #3	BHEL	K (H. MAZLI		PROTOCOL NO. : CPU - 26
RATING	800 MW	TANGEDCO			PAGE: 1 OF 4

EXECUTIVE ENGINEER
ELECTRICAL DIVISION-IV
NCTPP-HI, TANGEDCO,
ATHIPATTU, CHENNAI-120

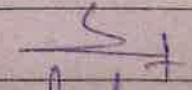
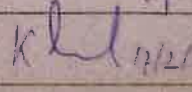
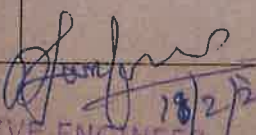
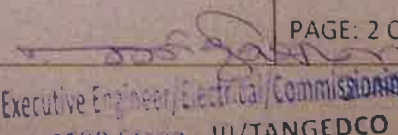
Executive Engineer/Electrical/Commissioning
NCTPP Stage - III/TANGEDCO
CHENNAI - 600 120

 PSSR-QUALITY	Equipment	Pneumatic Valves Erection & Commissioning Protocol
	DATE OF INSPECTION	04.02.2022
	DRAWING/DOCUMENT REF.	PE-VO-423-155-A031 (Rev 02)

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Location : CPU Service Vessel Area.

Sl.No.	TAG NO.	KKS CODE	DESCRIPTION	LOCAL OPERATION	REMOTE OPERATION	FEEDBACK	REMARKS
15	R1-KV113	LDP28AA011	DM Water line to CPU	OK	OK	OK	
16	AE-SV105	LDF28AA051	Sample line for Conductivity / PH Analyser	OK	OK	NA	TANGEDCO
17	AE-SV108	LDF28AA054	Sample line for Chloride Analyser	OK	OK	NA	Remains
18	AE-SV101	LDF28AA047	Inlet line for Conductivity / PH Analyser	OK	OK	NA	enclosed
19	AE-SV102	LDF28AA048	Inlet line for Chloride Analyser	OK	OK	NA	In
20	R1b-KV101	LDF28AA012	Cond.inlet Isolation Valve	OK	OK	OK	Annexure
21	R1b-KV102	LDF28AA015	Cond.outlet from service vessel ON-OFF	OK	OK	OK	
22	R1b-KV103	LDF28AA018	Service Vessel pressurising	OK	OK	OK	
23	R1b-KV104	LDF28AA021	Service Vessel vent	OK	OK	OK	
24	R1b-KV105	LDF28AA024	Resin Inlet to service vessel	OK	OK	OK	
25	R1b-KV106	LDF28AA027	Resin outlet from service vessel	OK	OK	OK	
26	R1b-KV107	LDF28AA030	Service vessel Rinse / Drain	OK	OK	OK	

			NAME	SIGNATURE & DATE	FQP NO.: QPE-NB-341
PROJECT	NCTPS	DRIPLEX	S.K.DAS MOHAPATRA		REV. NO.:00
UNIT NO.	STAGE #3	BHEL	R.CH MOULI		PROTOCOL NO.: CPU - 26
RATING	800 MW	TANGEDCO			PAGE: 2 OF 4


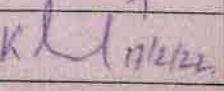
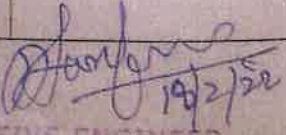
EXECUTIVE ENGINEER
ELECTRICAL DIVISION-IV
NCTPP-III, TANGEDCO,
ATHIPATTU, CHENNAI-600 120

Executive Engineer/Electrical/Commissioning
NCTPP Stage - III/TANGEDCO
CHENNAI - 600 120

 PSSR-QUALITY	Equipment	Pneumatic Valves Erection & Commissioning Protocol
	DATE OF INSPECTION	04.02.2022
	DRAWING/DOCUMENT REF.	PE-VO-423-155-A031 (Rev 02)


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Location : CPU Service Vessel Area.

Sl No.	TAG NO.	KKS CODE	DESCRIPTION	LOCAL OPERATION	REMOTE OPERATION	FEEDBACK	REMARKS
29	R1b-KV108	LDF28AA033	Service vessel De-Pressurising	OK	OK	OK	
30	R1b-KV109	LDF28AA036	Cond.outlet to Header	OK	OK	OK	Tanugedco
31	R1b-KV110	LDF28AA039	DM Water inlet for Resin Transfer	OK	OK	OK	Removal
32	R1b-KV111	LDF28AA042	Air inlet to Service Vessel	OK	OK	OK	enclosed
33	R1b-KV112	LDF28AA045	DM Water Flushing on line	OK	OK	OK	En
34	AE-SV106	LDF28AA052	Sample line for Conductivity / PH Analyser	OK	OK	NA	Arranged
35	AE-SV109	LDF28AA055	Sample line for Chloride Analyser	OK	OK	NA	
36	R1c-KV101	LDF28AA013	Cond.inlet Isolation Valve	OK	OK	OK	
37	R1c-KV102	LDF28AA016	Cond.Outlet from service vessel ON-OFF	OK	OK	OK	
38	R1c-KV103	LDF28AA019	Service Vessel pressurising	OK	OK	OK	
39	R1c-KV104	LDF28AA022	Service Vessel vent	OK	OK	OK	
40	R1c-KV105	LDF28AA025	Resin inlet to service vessel	OK	OK	OK	
41	R1c-KV107	LDF28AA031	Service vessel Rinse / Drain	OK	OK	OK	

			NAME	SIGNATURE & DATE	FQP NO.:QPE-NB-341
PROJECT	NCTPS	DRIPLEX	S.K.DAS MOHAPATRA		REV. NO.:00
UNIT NO.	STAGE #3	BHEL	KCH MOULI		PROTOCOL NO : CPU - 26
RATING	800 MW	TANGEDCO			PAGE: 3 OF 4

EXECUTIVE ENGINEER
ELECTRICAL DIVISION-IV
NCTPP-III, TANGEDCO,
ATHIPATLU, CHENNAI-120.


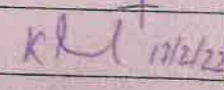
Executive Engineer/Electrical/Commissioning
NCTPP Stage - III/TANGEDCO
CHENNAI - 600 120

 PSSR QUALITY	Equipment	Pneumatic Valves Erection & Commissioning Protocol
	DATE OF INSPECTION	04.02.2022
	DRAWING/DOCUMENT REF.	PE-VO-423-135-A031 (Rev.02)

Description: This is to Certify that erection & commissioning of following Pneumatic Valves through DCS & Local Checking has been Successfully Completed.

Location : CPU Service Vessel Area.

Sl.No.	TAG NO.	KKS CODE	DESCRIPTION	LOCAL OPERATION	REMOTE OPERATION	FEEDBACK	REMARKS
43	R1c-KV108	LDF28AA034	Service vessel De-Pressurising	OK	OK	OK	TANGEDCO
44	R1c-KV109	LDF28AA037	Cond.outlet to Header	OK	OK	OK	Removal
45	R1c-KV110	LDF28AA040	DM Water inlet for Resin Transfer	OK	OK	OK	extend
46	R1c-KV111	LDF28AA043	Air inlet to Service Vessel	OK	OK	OK	in
47	R1c-KV112	LDF28AA046	DM Water Flushing on line	OK	OK	OK	Amended
48	AE-SV107	LDF28AA053	Sample line for Conductivity / PH Analyser	OK	OK	NA	
49	AE-SV110	LDF28AA056	Sample line for Chloride Analyser	OK	OK	NA	

			NAME	SIGNATURE & DATE	FQP NO.: QPE-NB-341
PROJECT	NCTPS	DRIFLEX	S.K.DAS MOHAPATRA		REV. NO.: 00
UNIT NO.	STAGE #3	BHEL	K. CH. MOULI	 17/2/22	PROTOCOL NO.: CPU - 25
RATING	800 MW	TANGEDCO			PAGE: 4 OF 4

EXECUTIVE ENGINEER
ELECTRICAL DIVISION-IV
NCTPP-III, TANGEDCO,
ATHIPATTU, CHENNAI-600 120.

Executive Engineer/Electrical/Commissioning
NCTPP Stage - III/TANGEDCO
CHENNAI - 600 120

MGC**MAA GAYATRI AUTO PARTS & CONS.**

Erection & Commissioning Contractor for Instrumentation Works

To

The

लवामे

डीपलिकेटा वाटर इन्जीनियरिंग प्रो. लीम

उत्तमान जी वनारा पार्क

4, फ्लोरा, सेक्टर-26, गुडगाँव

हरियाणा - 122602

दिनांक: 25-10-2023

विषय: बर्क आर्डर भेजने वाले अनुरोध पत्र।

महोदय,

सविनय निवेदन है कि मेरा जो बर्क आर्डर नर्क चेन्जई कार्य के लक्ष्य 20,00,000/- बीस लाख का था, उसमें मैं लगभग 80% कार्य कर चुका हूँ, इसी पर अगला कार्य करवा लक्ष्यक नहीं है, क्योंकि मैं यह पर 2018 का है।

अतः श्री मान से आग्रह है कि यह पर बढ़ाकर 35,00,000/- पैंतीस लाख कर दिया जाए, ताकि मैं इस बर्क 100% कार्य को पूरा कर सकूँ। और निवेदन है कि Commissioning का 10% इसे प्रेमेन्ट रीलीज किया जाए।

श्री मान यदि मेरा निवेदन स्वीकार कर लेंगे तो मैं यथाशीघ्र कार्य पूरा कर दूँगा, उम्मीद है कि श्री मान पर रोमाइज कर 35,00,000/- कर देंगे।

श्री मान का विश्वास -

MAA GAYATRI AUTO PARTS & CONS.

Lunesh

Office: Navjeevan Vihar Opp Srivast Complex Singrauli M.P. 486885

Ashish Tripathi

From: Ashish Tripathi
Sent: 11 November 2023 11:23
To: Chennaiisite
Subject: RE: Outstanding Payment at North Chennai Site

Hi Subrato,

Any confirmation.

ASHISH TRIPATHI
WATER TECHNOLOGIES & SOLUTIONS
Driplex Water Engineering Pvt. Ltd.
Global Business Park, Tower A, 4th Floor,
Sector 26, Gurgaon, Haryana - 122002
Tel: 91-124-6901700
Website: www.watertechnologies.com



From: Ashish Tripathi
Sent: Thursday, November 9, 2023 2:34 PM
To: Chennaiisite <chennaiisite@driplexwater.com>
Subject: RE: Outstanding Payment at North Chennai Site

Hi Subrata,

Please discuss and confirm the final amount for settlement.

ASHISH TRIPATHI
WATER TECHNOLOGIES & SOLUTIONS
Driplex Water Engineering Pvt. Ltd.
Global Business Park, Tower A, 4th Floor,
Sector 26, Gurgaon, Haryana - 122002
Tel: 91-124-6901700

Website: www.watertechnologies.com

Resourcing the world 

From: John Mathew <ijmathew65@yahoo.com>

Sent: Saturday, November 4, 2023 4:46 PM

To: Ashish Tripathi <ashish.tripathi@driplexwater.com>

Cc: Chennaiisite <chennaiisite@driplexwater.com>

Subject: RE: Outstanding Payment at North Chennai Site

Dear Sir,

We have discussed several time that we need funds to complete the project. Not possible to complete the project in old rates.

Please increase the price by 80% of awarded value.

Existing PO Value – 25,00,000.00

New PO required – 45,00,000.00

17

As you know handing over of plant required 3 years.

Thanks & Regards

John Mathew

From: Ashish Tripathi

Sent: Thursday, November 2, 2023 1:37 PM

To: John Mathew <ijmathew65@yahoo.com>

Cc: Chennaiisite <chennaiisite@driplexwater.com>

Subject: RE: Outstanding Payment at North Chennai Site

Hi Mathew Ji,

Please mobilize the site immediately and complete the balance work.

Print Date 19.11.2025
Customer 302792841
Page 1 / 4

Mettler-Toledo India Private Limited

Address Amar hill, Saki Vihar Road, Powai, Mumbai-400072
CIN U51900MH1998PTC114109
PAN AABCM0779N
Toll Free No 1800 22 8884 / 1800 1028 460
Email sales.sales@mt.com / servicecare.mtin@mt.com

www.mt.com

Quotation 324106749

Bharat Heavy Electricals Limited
 BHEL Site Office
 NCTPS Stage 3
 Tiruvallur, Tamil Nadu 600120

Send your PO to
salesorder.mtin@mt.com

Sales Representative
 Mr. Abhishek Gokhale
 Phone +91 42910103
 E-Mail abhishek.gokhale@mt.com

Customer Contact
 Mr. S Balaguru
 E-Mail balaguru@bhel.in

Dear Mr. Balaguru,

We thank you for giving METTLER TOLEDO an opportunity to propose our solution.

METTLER TOLEDO is a global leader in precision instruments and services. As the world's premier provider of precision instruments and software, our products are pivotal in research, quality control, and manufacturing processes in life sciences, food, chemical, and many other industries.

Our diverse portfolio extends across a wide range of laboratory and analytical instruments, and automated chemistry systems critical in drug discovery and chemical development. In production and packaging, our advanced check-weighing, metal detection, and X-ray systems set industry standards. A leader in weighing and dimensioning solutions, we provide comprehensive automation capabilities for industrial applications.

Our sales and service network is one of the most extensive in the industry. Our products are sold in more than 140 countries, and we have a direct presence in approximately 40 countries.

Our presence in India also includes a manufacturing facility, an International Market Support group, a state-of-the-art software development setup, and an NABL-certified Mass Calibration laboratory equipped with advanced tools and instruments.

We are confident that the equipment and/or services specified in the quotation represent the best solution for your requirements. Please feel free to contact us for any clarifications.

Thanking you,
 Mettler-Toledo India Private Limited

Abhishek Gokhale

Bank Name The Hongkong and Shanghai Banking Corp. Ltd.
Address Main Branch Mumbai, 52/60, M.G. Road, Mumbai-400001, Maharashtra
Account Name Mettler-Toledo India Private Limited
Account No. INR 006-166748-001
Account No. USD 006-166748-511
IFSC RTGS Code HSBC0400002
IFSC NEFT Code HSBC0400002
Branch MICR Code 400039002
Swift Code HSBCINBB

Print Date 19.11.2025
Customer 302792841
Page 2 / 4

Mettler-Toledo India Private Limited

Address Amar hill, Saki Vihar Road, Powai, Mumbai-400072
CIN U51900MH1998PTC114109
PAN AABCM0779N
Toll Free No 1800 22 8884 / 1800 1028 460
Email sales.sales@mt.com / servicecare.mtin@mt.com

www.mt.com

Quotation 324106749

From,
Mettler Toledo India Pvt. Ltd.
Amar Hill, Saki Vihar Road
Powai Mumbai 400072
GSTIN 27AABCM0779N1Z0

Sold-To / 302792841
Bharat Heavy Electricals Limited
BHEL Site Office
NCTPS Stage 3
Tiruvallur, Tamil Nadu 600120
State & State code: Tamil Nadu TN

Customer Contact
Name Mr. S Balaguru
E-Mail balaguru@bhel.in

Ship-To / 302792841
Bharat Heavy Electricals Limited
BHEL Site Office
NCTPS Stage 3
Tiruvallur, Tamil Nadu 600120
State & State code: Tamil Nadu TN

Bill-To / 302792841
Bharat Heavy Electricals Limited
BHEL Site Office
NCTPS Stage 3
Tiruvallur, Tamil Nadu 600120
State & State code: Tamil Nadu TN

Item	Description	Product ID	Qty	Unit	Price per Unit	Discount	Total (INR)
10	Kit 3000CS Startup Start-up kit required for every 3000CS Analyser set-up and operation Approx. lead time excluding transport: on request, shipping from: Palghar (IN) HSN/SAC: 38229010 Tax: 5.00% GST Start up with confidence Start-up kit for the 3000CS Analyser	58091400	1	EA	180,900.00	-15.00%	153,765.00

For more Details:www.mt.com/3000CS



Bank Name The Hongkong and Shanghai Banking Corp. Ltd.
Address Main Branch Mumbai, 52/60, M.G. Road, Mumbai-400001, Maharashtra
Account Name Mettler-Toledo India Private Limited
Account No. INR 006-166748-001
Account No. USD 006-166748-511
IFSC RTGS Code HSBC0400002
IFSC NEFT Code HSBC0400002
Branch MICR Code 400039002
Swift Code HSBCINBB



Print Date 19.11.2025
Customer 302792841
Page 3 / 4

Mettler-Toledo India Private Limited

Address Amar hill, Saki Vihar Road, Powai, Mumbai-400072
CIN U51900MH1998PTC114109
PAN AABCM0779N
Toll Free No 1800 22 8884 / 1800 1028 460
Email sales.sales@mt.com / servicecare.mtin@mt.com

www.mt.com

Quotation 324106749

Freight Charge 1,500.00
HSN/SAC: 996511
Tax: 18.00% GST

Total (Excluding Tax, INR)	155,265.00
CGST	0.00
SGST	0.00
IGST	7,958.25
Total (Inclusive Tax, INR)	163,223.25

Bank Name The Hongkong and Shanghai Banking Corp. Ltd.
Address Main Branch Mumbai, 52/60, M.G. Road, Mumbai-400001, Maharashtra
Account Name Mettler-Toledo India Private Limited
Account No. INR 006-166748-001
Account No. USD 006-166748-511
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Swift Code HSBCINBB



Print Date 19.11.2025
Customer 302792841
Page 4 / 4

Mettler-Toledo India Private Limited

Address Amar hill, Saki Vihar Road, Powai, Mumbai-400072
 CIN U51900MH1998PTC114109
 PAN AABCM0779N
 Toll Free No 1800 22 8884 / 1800 1028 460
 Email sales.sales@mt.com / servicecare.mtin@mt.com

www.mt.com

Quotation 324106749

Commercial Details

Payment Terms 100% Payment due before shipment
 Incoterms 2020 DAP Delivery address
 Quotation valid until 19.12.2025
 General Conditions Please refer to the Mettler-Toledo Standard Terms and Conditions for Sales and Service at the following URL.
<https://www.mt.com/terms>

Inspection clause
 FAT if required shall be conducted prior to shipment and at Mettler Toledo's premises with advance notice.

Audit Rights
 Audit Rights to the Buyer shall be limited to the Quality Audit only with advance confirmation from Mettler Toledo and at the cost of the Buyer.

Amount of Tax Subject to reverse charge: NO

Please report any discrepancies related to GST, Input Credit, or other GST matters to gstcompliance@mt.com within 2 months from the date of invoice.
 Please send all your payment details and payment advice to mailbox.id.remittance.mtin@mt.com

☐

Purchase Order to be issued after this confirmation.

☐

NO Purchase Order will be issued after this confirmation.

Customer Acceptance

By signing below, you agree to the terms and conditions of this quotation.

 Authorised Signature, Name, Stamp

 Date

Customer Notes

Bank Name The Hongkong and Shanghai Banking Corp. Ltd.
 Address Main Branch Mumbai, 52/60, M.G. Road, Mumbai-400001, Maharashtra
 Account Name Mettler-Toledo India Private Limited
 Account No. INR 006-166748-001
 Account No. USD 006-166748-511
 IFSC RTGS Code HSBC0400002
 IFSC NEFT Code HSBC0400002
 Branch MICR Code 400039002
 Swift Code HSBCINBB

balaguru@bhel.in

From: TRIPATHI, ASHISH <ashish.tripathi@veolia.com>
Sent: 22 October 2025 12:22
To: nram78@bhel.in
Cc: Mohapatra, Subrat; PRAMOD SEMWAL; B Ramkumar(Sr Manager/TGCOMMNNTTP/PS-SR); balaguru BHEL c & i
Subject: Re: Regarding regent of sodium, silica and chloride analyser - CPU System -1x800 MW NCTPS#3 - gentle reminder
Attachments: Chemical offer- CPU North Chennai Package.pdf

Dear Sir,

Good Morning!

Please find enclosed herewith the attachment.

ASHISH TRIPATHI
Sr. Manager - Project's
WATER TECHNOLOGIES & SOLUTIONS
Tel: 91-9873477088
Website: www.watertechnologies.com



On Tue, 21 Oct 2025 at 11:52, <nram78@bhel.in> wrote:

Dear Ashish

Cant see any attachment. Please send the attachment again.

Regards

N Ramakrishnan

AGM & Project Director

BHEL-NCTPS Stage III

1 X 800 MW

From: TRIPATHI, ASHISH <ashish.tripathi@veolia.com>
Sent: 15 October 2025 18:17
To: B Ramkumar(Sr Manager/TGCOMMNNTTP/PS-SR) <bramkumar@bhel.in>
Cc: Mohapatra, Subrat <subrat.mohapatra.ext@veolia.com>; PRAMOD SEMWAL <pramod.semwal@veolia.com>; N

Ramakrishnan(Addl GM/UCNCTPS3/PS-SR) <nram78@bhel.in>

Subject: Re: Regarding regent of sodium, silica and chloride analyser - CPU System -1x800 MW NCTPS#3 - gentle reminder

Dear Sir,

Sorry for the late reply.

Please find enclosed herewith the offer of chemical required for the commissioning of CPU Analysers.

Thanks

ASHISH TRIPATHI

Sr. Manager - Project's

WATER TECHNOLOGIES & SOLUTIONS

Tel: 91-9873477088

Website: www.watertechnologies.com



On Mon, 15 Sept 2025 at 18:35, <bchakraborty@bhel.in> wrote:

Dear Sir,

Please provide the details as desired in the trailing mail.

Regards

Bhaskar Chakraborty

From: bchakraborty@bhel.in <bchakraborty@bhel.in>

Sent: 08 September 2025 20:08

To: 'Mohapatra, Subrat' <subrat.mohapatra.ext@veolia.com>; 'ASHISH TRIPATHI' <ashish.tripathi@veolia.com>;

Offer for Analyser Spares

CPU - BHEL North Chennai Package

Sr. No	DESCRIPTION	UNIT	QTY.	UNIT RATE	AMOUNT
				(Rs.)	(Rs.)
A	Sodium Analyser- Commissioning Spares				
1	Sodium Nitrate 0.5 Molar 500 ml, Part No 2507149	Nos	4	6,360	25,440
2	Sodium Standar 10 MG/L NACL(ppm) 1Ltrsl, Part No 2835153	Nos	2	13,160	26,320
3	Diisopropylamine (DIPA) for Synthesis (Merck make) 500 ml	Nos	4	5,932	23,728
4	Potassium Chloride 454G Part No. 76401- 500 ml	Nos	2	11,320	22,640
B	Silica Analyser- Commissioning Spares				
5	Silica Reagent R1 Cat (5500sc) Part No. 6774802 - 2 Ltrs	Nos	2	37,000	74,000
6	Silica Reagent R2 Cat (5500sc) Part No. 6774902 - 2 Ltrs	Nos	2	17,680	35,360
7	Silica Reagent R3 Cat (5500sc) Part No. 6775202 - 2 Ltrs	Nos	2	12,800	25,600
8	Reagent Silica Power Cat (5500sc) Part No. 6775355 - 205 Gm	Nos	2	8,000	16,000
9	Silica Standerd (0.5 mg/l) Cat Part No. 6775002 - 2 Ltrs	Nos	2	11,200	22,400
C	Inlet Chloride Analyser- Commissioning Spare				
10	1 L bottle formic acid reagent and (1) x 2 ft diffusion tubing with O-rings (181060)	Set	1	600,000	600,000
11	Standard solution P/N 941707 comes with 100 ppm chloride standard, 1 pint (475 mL) bottle.	Set	1		
D	Outlet Chloride Analyser- Commissioning Spare				
12	Start Up Kit - Part Code : 58091400	Set	1	700000	700,000
	Total Amount				1,571,488

Note:

- | | |
|----------|--|
| 1 | This offer is valid for 30 days |
| 2 | Delivery Period:- Four months from the date of PO. |