



DAMODAR VALLEY CORPORATION

Clarification /additional information in compliance with directives in Record of Proceedings (ROP) for hearing on 13.03.2024 i.r.o. Petition No. 362/MP/2023 for determination of tariff on installation of various Emission Control Systems in KTPS U#1&2 (2x500 MW) in compliance of Revised Emission Standards.



**BEFORE THE HONOURABLE
CENTRAL ELECTRICITY REGULATORY COMMISSION
3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110001**

Petition No. 362/MP/2023

IN THE MATTER OF:

Clarification /additional information in compliance with directives in Record of proceedings (ROP) for hearing conducted on 13.03.2024 i.r.o. Petition under Section 62 and 79(1)(a) of the Electricity Act, 2003 read with Regulation 29 of the Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2019 for determination of tariff on installation of various Emission Control Systems in Koderma Thermal Power Station (2x500 MW) of Damodar Valley Corporation (DVC) in compliance of Revised Emission Standards.

AND

IN THE MATTER OF:

Damodar Valley Corporation
DVC Towers, VIP Road,
Kolkata – 700054

-----Petitioner

Versus

Respondents:

1. Jharkhand Bijli Vitran Nigam Limited,
Engineering Building, HEC, Dhurwa,
Ranchi- 834004

And Others

-----Respondents



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**BEFORE THE HONOURABLE
CENTRAL ELECTRICITY REGULATORY COMMISSION
3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**



Petition No. 362/MP/2023

IN THE MATTER OF:

Clarification /additional information in compliance with directives in Record of proceedings (ROP) for hearing conducted on 13.03.2024 i.r.o. Petition under Section 62 and 79(1)(a) of the Electricity Act, 2003 read with Regulation 29 of the Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2019 for determination of tariff on installation of various Emission Control Systems in Koderma Thermal Power Station (2x500 MW) of Damodar Valley Corporation (DVC) in compliance of Revised Emission Standards.

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1. Jharkhand Bijli Vitran Nigam Limited,
Engineering Building, HEC, Dhurwa,
Ranchi- 834004

And Others

-----Respondents

27 MAR 2024



BEFORE THE NOTARY PUBLIC
AT BIDHANNAGAR
DIST.-NORTH 24 PARGANAS

SL. NO. 852/2024

AFFIDAVIT

I, Kazi Md Hanif, son of Late Kazi Md Nuruddin, aged about 59 years and resident of 67, Sukanta Sarani, Badra, PO - Italgacha, Kolkata- 700079 do hereby solemnly affirm and state as under:

1. That I am the Deputy General Manager (Commercial) of Damodar Valley Corporation, the Petitioner and well conversant with the facts of the case. I am authorized to swear this affidavit on behalf of the Petitioner.

That I have gone through the terms of directions contained in Record of proceedings (ROP) for hearing conducted on 13.03.2024 against Tariff Petition No. 362/MP/2023 and the Petitioner, Damodar Valley Corporation (DVC) is filing herewith clarification /additional information relating to petition for determination of tariff on installation of various Emission Control Systems in KTPS (2x500 MW) of DVC in compliance of Revised Emission Standards.

3. That I have read and understood the contents of the additional submission along with all annexures and the same are based on the records maintained by the petitioner in the normal course of business and believed by the deponent to be true.



Hanif Kazi

Deponent

उप महाप्रबंधक (वाणि.)
Dy. General Manager (Comml.)
वाणिज्यिक विभाग/Commercial Deptt.
दा.पा.नि., कोल-54/D.V.C., Kol-54

VERIFICATION

I, the above-named deponent, do hereby verify that the facts stated in the above Affidavit are true to the knowledge of the deponent and nothing has been concealed there from.

Hanif Kazi

Deponent

उप महाप्रबंधक (वाणि.)
Dy. General Manager (Comml.)
वाणिज्यिक विभाग/Commercial Deptt.
दा.पा.नि., कोल-54/D.V.C., Kol-54

Verified at Kolkata

On the Date: 27th Day of March, 2024

SW
S. CHAUDHURI
* NOTARY *
GOVT. OF INDIA
Regn. No.-6584/08
Bidhannagar Court
Dist.-North 24 Pgs

Identified by me

MANOJ
MANOJ
Enrolment No-F
Bidhan Naga
Kolkata-7C



27 MAR 2024

Submission of Damodar Valley Corporation in compliance to the Record of Proceedings of the Hearing dated- 13.03.2024 i.r.o. Petition No. 362/MP/2023

Hon'ble Commission in its ROP of the hearing dated- 13.03.2024 directed Damodar Valley Corporation (hereinafter DVC) to file clarification /additional information to specific queries raised therein. The response of DVC to each of the queries are as follows:

4(a): *“The details of capacity tied up with each beneficiary and untied capacity considered for pooled power”.*

Reply of 4(a):

Details of capacity tied up with each beneficiary are as follows:

Sl. No.	Name of beneficiaries	Capacity tied up (MW)
01.	Jharkhand Bijli Vitran Nigam Limited	600
02.	Bangalore Electricity Supply Company Limited	250
03.	Hubli Electricity Supply Company Limited	
04.	Gulbarga Electricity Supply Corporation Limited	
05.	Mangalore Electricity Supply Company	
06.	Chamundeshwari Electricity Supply Corporation Limited	
07.	Haryana Power Purchase Centre	100
08.	East Central Railway (ECR)	25
Total		975

Untied capacity for pooled power = 25 MW.

4(b): *“Completion status of works for each of the major heads along with percentage and expenditure incurred thereon associated with WFGD with respect to Unit 1 as on 14.10.2021, 30.11.2023 and 29.2.2024, and that of Unit 2 as on 14.1.2022 and 29.2.2024”.*

Reply of 4(b):

Progress of Unit#1:

Sl. No.	Progress as on Major Heads	14.10.2021		30.11.2023		29.02.2024	
		Physical	Financial	Physical	Financial	Physical	Financial
1	Absorber	60%	57%	98%	95%	100%	97%
2	Limestone Grinding system						
3	Gypsum dewatering system						
4	Others						



Progress of Unit#2:

Sl. No.	Progress as on Major Heads	14.01.2022		29.02.2024	
		Physical	Financial	Physical	Financial
1	Absorber	60%	53%	94%	97%
2	Limestone Grinding system				
3	Gypsum dewatering system				
4	Others				

4(c): “In view of the revised timelines for implementation of ECS, the revision, if any, in the proposed ‘Date of Operationalization’ of these ECS systems. Further, the actions proposed to be taken to minimize the impact of these ECS systems on consumers during the period from ‘Date of Operation’ to the above timelines, particularly regarding utilization/service of these ECS systems”.

Reply of 4(c):

The timeline for FGD system is as follows:

Sl. No.	Unit	Scheduled date of completion of facilities as per original L1 schedule	Anticipated date of Operation (as per petition)	Anticipated date of operation (Revised)
1	KTPS Unit-1	14.10.2021	30.11.2023	15.04.2024
2	KTPS Unit-2	14.01.2022	31.03.2024	31.05.2024

4(d): “The original cost approved by the Board, along with supporting documents, for WFGD with respect to instant station out of the Rs. 2410.0 crore approved in February 2019 for various stations of DVC. Furnish a detailed break-up of the original cost estimate in terms of Form-B of the 2019 Tariff Regulations and reasons for variation in actual cost with respect to original estimated cost”.

Reply of 4(d):

The cost of FGD for the instant station (2x500 MW) was 634.21 Cr. out of which 559.17 Cr. is EPC cost and rest amount is for IDC, IEDC, Financing charges etc.



The detailed breakup is furnished below:

Head of Supply	Sanction cost for supply (Rs. Cr.)	Break up of Sanctioned Cost (Rs. Cr.)
Absorber	329.02	83.80
Fan and ducting		17.83
LS and Gypsum handling		71.46
Chimney		25.24
others		130.69
Total		329.02

Head of Works & Service	Total Sanction cost (Rs. Cr.)	Sanction Cost (Rs. Cr.)
Ball Mill Building	230.14	3.40
Gypsum Dewatering Building & Gypsum Storage Shed		9.43
SO2 Analyzer Rooms+ Tanks+ Slurry Pumps Works		26.94
Crusher house+ Lime Belt Conveyor (LBC)1,2,3- Galleries and Trestle		2.87
ACW PH BUILDING- Air Compressor Building+ Switchgear Building		5.04
Other Enabling Works incl. Roads/Drains		14.33
Chimney system - FGD		57.31
Common Systems- FGD		29.41
FGD Control Room Building		11.67
Pre-commissioning		69.74

Reasons for price variation:

Cost variation occurred mainly due to PV clause as per contract agreement as well as Extension of the Contract due to Force Majeure Clauses in the event of COVID-19.

4(e): “The original cost approved by the Board along with supporting documents, for CMS with respect to instant station out of Rs.124.55 crore approved in February,2019 for various stations of DVC”.

Reply of 4(e):

The sanction EPC cost approved by the DVC Board in February,2019 is 25.34 Cr. for installation of CMS in both units of KTPS.



4(f): “The approval of the Board from the original cost estimation made for WFGD in February,2019 to Revised Cost Estimate of Rs. 634.21 crore made in October,2019 and Revised Cost Estimate of Rs. 676.21 crore made in May,2023 along with reasons and supporting documents thereof”.

Reply of 4(f):

The cost breakup of the above-mentioned estimate is as follows:

Cost heads	Original Sanction based on Board Resolution in Feb'19 (Rs. Cr.)	Revised Estimated Project Cost including PV considering provisional time extension up to 14.07.2023 (Rs. Cr.)	Cost Enhancement (Rs. Cr.)
Supply	473.87	277.25	-2.69
Service		193.93	-
GST	85.30	84.81	-0.49
Price variation (Supply & Service) including GST (expected up to July,2023)		32.75	32.75
Expected Price variation amount (Supply & Service) considering another 2.5 months' time extension due to 2 nd wave of COVID-19 (50% of PV amount calculated for 6 months' time extension already provided)		16.38	16.38
Total EPC Cost	559.17	605.13	45.96
Contingency @3.0%	16.77	18.16	1.39
IDC	58.27	52.92	-5.35
Project Cost including Contingency & IDC	634.21	676.21	42

Remark: Cost variation occurred mainly due to PV clause as per contract agreement as well as Extension of the Contract due to Force Majeure Clauses in the event of COVID-19.

4(g): “Clear and legible copy of L1 schedule agreed between the Petitioner and Contractor in September,2019, i.e. Annexure-III to the report on delay in execution of WFGD”.

Reply of 4(g):

Copy of L1 Schedule attached in **Annexure-I**.



4(h): “The actual timelines (from date and to date) achieved, along with the PERT chart, for each of the activities listed in the L1 schedule for WFGD, along with the delay attributable to Petitioner, Contractor and both with respect to each such activity”.

Reply of 4(h):

The delay incurred for different activities of the L1 schedule for KTPS WFGD is neither attributable to the Petitioner nor the contractor. PERT Chart considering anticipated ODe as proposed in the petition is attached in **Annexure-II**. After operationalization of ECS, PERT Chart considering actual ODe will be submitted in true-up petition.

4(i): “The penalty levied on Contractor on account of delay in execution of works, in terms of award of contract and money recovered therefrom with respect to WFGD and CMS of each Unit”.

Reply of 4(i):

The detailed justification for the delay has already been submitted with the petition. The penalty, if any, will be decided during the final delay analysis to be carried out after completion of the project. Accordingly, the same information will be provided in true-up petition.

4(j): “The detailed break up of IEDC in terms of ‘Form-P’ of the 2019 Tariff Regulations as on installation of CMS for Unit 1, CMS for Unit 2, WFGD for unit 1 and WFGD for Unit 2, along with reasons for claiming IEDC over and above the normative O&M allowed to the generating station under relevant regulations”.

Reply of 4(j):

DVC has claimed IEDC in the tariff petition on estimate basis. IEDC booked in Accounts is Rs. 1242.20 Lakh for FGD and Rs. 25.14 Lakh for CMS as on 31st March, 2023. After operationalization of ECS of both units, actual IEDC upto the date of operationalization of ECS with detailed breakup will be provided in true-up petition.

Reasons for claiming IEDC: Installation of emission control system is construction work and O&M Personnel are no way connected this construction activity. IEDC claimed is for construction activity part only.

Further to above, DVC most respectfully submits that Hon’ble Commission may kindly determine supplementary tariff for ECS at the earliest so that billing can be started w.e.f. the date ODe.


 उप महाप्रबंधक (वाणि.)
 Dy. General Manager (Comml.)
 वाणिज्यिक विभाग / Commercial Deptt.
 द.वा.नि., कोल-54/D.V.C., Kol-54

For and on behalf of
 Damodar Valley Corporation





**FGD DVC PROJECT: L1 SCHEDULE FOR UNIT # 1&2
2x500MW KODERMA THERMAL POWER STATION**



ID	Task Name	Duration	Start	Finish	2019				2020				2021				2022				
					May	Jul	Sep	Nov	Jan	Mar	May	Jul	Sep	Nov	Jan	Mar	May	Jul	Sep	Nov	Jan
1	FGD SYSTEM PACKAGE FOR KTPS, UNIT-1 & 2 (2X500 MW)	785 days	Mon 15-07-19	Fri 14-01-22																	
2	Issue of NOA	0 days	Mon 15-07-19	Mon 15-07-19																	
3	FGD (1X500 MW) UNIT # 1 & common facilities	706 days	Mon 15-07-19	Thu 14-10-21																	
4	Design & Engineering Unit # 1 & 2 & Common Facilities	210 days	Mon 15-07-19	Sat 14-03-20																	
5	Engineering for start of civil work and BOI order	54 days	Mon 15-07-19	Sat 14-09-19																	
6	BOI engineering	60 days	Tue 06-08-19	Mon 14-10-19																	
7	Balance Engineering	145 days	Sat 28-09-19	Sat 14-03-20																	
8	Manufacturing, Supply & Receipt at Site Unit # 1 & Common Facilities	367 days	Mon 15-07-19	Mon 14-09-20																	
9	BOI Ordering	79 days	Mon 15-07-19	Mon 14-10-19																	
10	Manufacturing & Supply of Equipments	210 days	Tue 14-01-20	Mon 14-09-20																	
11	Manufacturing & Supply of Gate, Support Structure, Actuators etc. required for FGD inlet duct connection with ID-Chimney Duct	106 days	Tue 15-10-19	Fri 14-02-20																	
12	Site Construction Work for FGD Unit # 1 & Common Facilities	27 days	Mon 15-07-19	Wed 14-08-19																	
13	Initial Mobilization	27 days	Mon 15-07-19	Wed 14-08-19																	
14	Civil & Structural work for Unit # 1 & Common Facilities	392 days	Sat 14-09-19	Mon 14-12-20																	
15	Pilling, Civil & Structural works for FGD system, Chimney, LHS, Common LSMS, Absorber, GDS, GHS, AAT, PWST, WWTS, Cable Trestles for Air & Water, Steam, Slurry, Waste Water Lines etc. as per TS	392 days	Sat 14-09-19	Mon 14-12-20																	
16	Installation of Equipments for Unit # 1 & Common Facilities	417 days	Wed 15-01-20	Fri 14-05-21																	
17	Mechanical Equipment Erection of FGD system, LSGS, Absorber, GDS, AAT, PWST, Pumping, WWTS, etc. as per TS	364 days	Wed 15-01-20	Sat 13-03-21																	
18	Installation (Electrical and C & I) for FGD system, LHS, Common LSMS, Absorber system, GDS, GHS, AAT etc. as per TS	261 days	Wed 15-07-20	Fri 14-05-21																	
19	Comissioning of FGD Unit # 1	78 days	Thu 15-04-21	Wed 14-07-21																	
20	Completion of facilities of Unit # 1 & common facilities	79 days	Thu 15-07-21	Thu 14-10-21																	
21	FGD (1X500 MW) UNIT # 2	706 days	Tue 15-10-19	Fri 14-01-22																	
22	Manufacturing, Supply & Receipt at Site Unit # 2	366 days	Tue 15-10-19	Mon 14-12-20																	
23	BOI Ordering	79 days	Tue 15-10-19	Tue 14-01-20																	
24	Manufacturing & Supply of Equipments	210 days	Tue 14-04-20	Mon 14-12-20																	
25	Manufacturing & Supply of Gate, Support Structure, Actuators etc. required for FGD inlet duct connection with ID-Chimney Duct	104 days	Wed 15-01-20	Thu 14-05-20																	
26	Site Construction Work for FGD Unit # 2	523 days	Sat 14-12-19	Sat 14-08-21																	
27	Civil & Structural work for Unit # 2	392 days	Sat 14-12-19	Mon 15-03-21																	
28	Pilling, Civil & Structural works for FGD system, Chimney, Absorber, Cable Trestles for Air & Water, Steam, Slurry, Waste Water Lines etc. as per TS	392 days	Sat 14-12-19	Mon 15-03-21																	
29	Installation of Equipments for Unit # 2	418 days	Wed 15-04-20	Sat 14-08-21																	
30	Mechanical Equipment Erection of FGD system, Absorber etc. as per TS	365 days	Wed 15-04-20	Mon 14-06-21																	

Approved 3 Approved except as noted resubmission required
 Not Approved 4 Approved except as noted
 Taken for information 5
 D.V.C. Letter ref.
 DAMODAR VALLEY CORPORATION
 Electricity Department
 This approved is for general arrangement only and does not release the contractor of responsibility for conformity to specification and correct details and fittings of parts when assemble.
 Engineer Date 29/8/19



Handwritten signatures and initials

Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
Split		External Tasks		Inactive Summary		Manual Summary		Progress	
Milestone		External Milestone		Manual Task		Start-only			
Summary		Inactive Task		Duration-only		Finish-only			

Project: FGD-DVC-KTPS (2x500MW)
Date: Thu 29-08-19





FGD DVC PROJECT: L1 SCHEDULE FOR UNIT # 1&2
2x500MW KODERMA THERMAL POWER STATION



ID	Task Name	Duration	Start	Finish	2019				2020				2021				2022						
					May	Jul	Sep	Nov	Jan	Mar	May	Jul	Sep	Nov	Jan	Mar	May	Jul	Sep	Nov	Jan	Mar	May
31	Installation (Electrical and C & I) for FGD system, Absorber etc. as per TS	261 days	Thu 15-10-20	Sat 14-08-21																			
32	Commissioning of FGD Unit # 2	78 days	Fri 16-07-21	Thu 14-10-21																			
33	Completion of facilities of Unit # 2	79 days	Fri 15-10-21	Fri 14-01-22																			
34	Customer's Input Required	343 days	Thu 10-09-20	Thu 14-10-21																			
35	Clearance Window for Damper installation / Tapping Points in existing Flue Gas Duct*	343 days	Thu 10-09-20	Thu 14-10-21																			
36	Availability of Terminal Point for Waste Water Proposal	35 days	Mon 05-10-20	Fri 13-11-20																			
37	Availability of Owner's HV supplies to Switchgear for Commissioning of Systems	51 days	Fri 16-10-20	Mon 14-12-20																			
38	Availability of Utility Terminal Points, Process Water, Clarified Water, DM Water, Service Water etc.	42 days	Thu 26-11-20	Wed 13-01-21																			
39	O&M personnel required during Commissioning & PG Test	39 days	Thu 31-12-20	Sat 13-02-21																			
40	Availability of Limestone	26 days	Sat 01-05-21	Mon 31-05-21																			

1	Approved	3	Approved except as noted resubmission required
2	Approved except as noted	4	Not Approved
5	Taken for information		

D.V.C. Letter ref.

DAMODAR VALLEY CORPORATION
Electricity Department

This approved is for general arrangement only and does not relieve the contractor of responsibility for conformity to specification and correct details and fittings of parts when assemble.

Engineer *pb* Date 29/8/19

Note - (*) As per DVC Overhauling schedule shutdown of 20 days for each unit will be provided between 10-Sep-20 to 14-Oct-21 for installation of damper with existing flue gas duct. However, 20 days shutdown for Damper installation / Tapping Points in existing Flue Gas Duct may be preponed on mutual agreed basis.

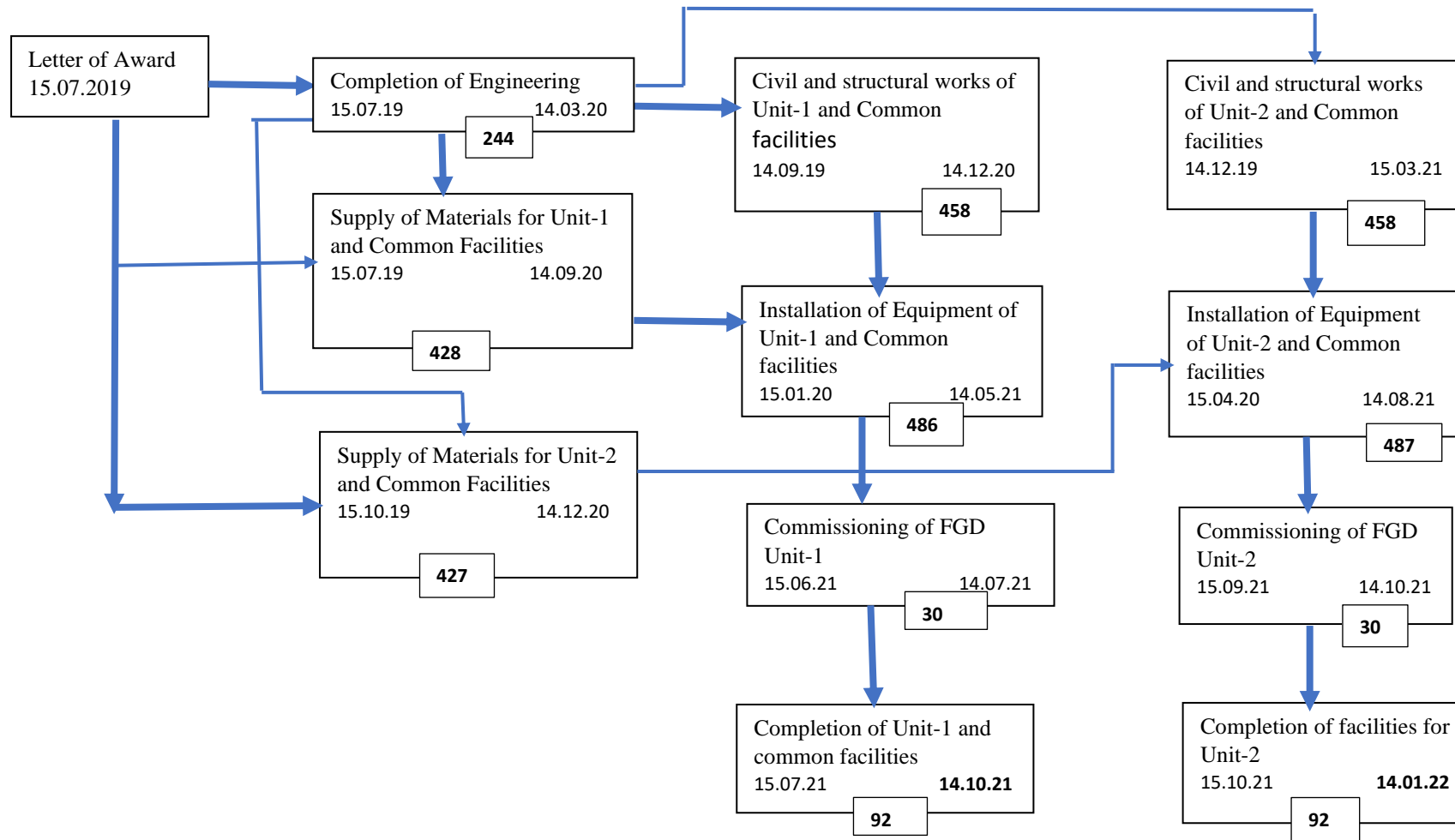
29/8/19
AM SCL

Project: FGD-DVC-KTPS (2x500MW)
Date: Thu 29-08-19

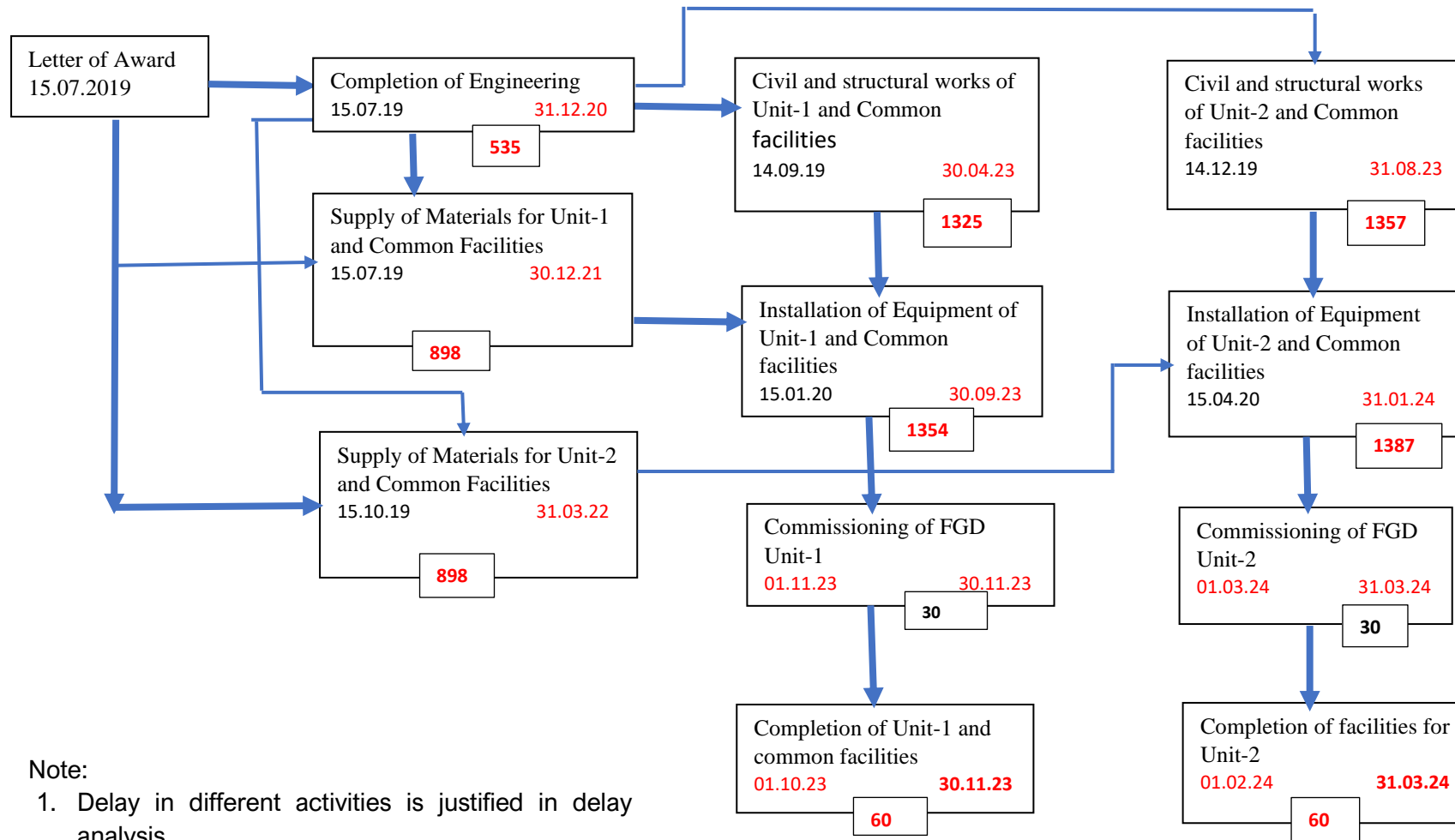
Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
Split		External Tasks		Inactive Summary		Manual Summary		Progress	
Milestone		External Milestone		Manual Task		Start-only			
Summary		Inactive Task		Duration-only		Finish-only			



PERT Network of KTPS Unit-1&2 as per Original L1 Schedule



PERT Network of KTPS Unit-1&2 as per Anticipated Delay



Note:

1. Delay in different activities is justified in delay analysis.
2. Duration of the activities increased due to reasons mentioned in the delay analysis.



CENTRAL ELECTRICITY REGULATORY COMMISSION
New Delhi

Petition No. 362/MP/2023

- Subject** : Petition under Sections 62 and 79(1)(a) of the Electricity Act, 2003 read with Regulation 29 of the Central Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2019 for determination of tariff for installation of various **Emission Control Systems in KTPS Units 1 & 2 (2 x 500 MW)** of Damodar Valley Corporation (DVC) in compliance of Revised Emission Standards.
- Date of Hearing** : **13.3.2024**
- Coram** : Shri Jishnu Barua, Chairperson
Shri P. K. Singh, Member
- Petitioner** : Damodar Valley Corporation (DVC)
- Respondent** : Jharkhand Bijli Vitran Nigam Limited (JBVNL) and Others
- Parties present** : Shri Kazi Md. Hanif, DVC

Record of Proceedings

The instant petition is filed by Damodar Valley Corporation (DVC) under Sections 62 and 79(1)(a) of the Electricity Act, 2003, read with Regulation 29 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for installation of various Emission Control Systems (ECS) in KTPS Units 1 & 2 (2 x 500 MW) of DVC in compliance with the Revised Emission Standards of the Ministry of Environment, Forest and Climate Change (MoEF&CC), vide notification dated 7.12.2015.

2. The representative of the Petitioner submitted that the Commission vide order dated 20.9.2021 in Petition No. 460/MP/2019 has already granted in-principle approval for Additional Capital Expenditure (ACE) under Regulation 11 of the 2019 Tariff Regulations and approved the hard cost towards installation of WFGD systems to control SO₂ emissions and installation of Combustion Modification System to control NO_x emission. The Commission in its said order dated 20.9.2021, further directed the Petitioner to file a separate petition under Regulation 29(4) of the 2019 Tariff Regulations for determination of tariff after implementation of the revised ECS. He further submitted that ECS and FGD were installed in KTPS Unit -1, their trial operations were commenced on 29.2.2024 and the same will be declared under commercial operation in March 2024.



3. After hearing the representative of the Petitioner, the Commission directed as follows:

- a) Admit the instant petition.
- b) Petitioner to implead all the beneficiaries as parties to the present petition and serve upon them a copy of the petition as well as file amended memo of parties by 31.3.2024.
- c) Issue notice to the Respondents.

4. The Commission further directed the Petitioner to submit the following information on an affidavit by 31.3.2024, with advance copies to the Respondents:

- a) The details of capacity tied up with each beneficiary and untied capacity considered for pooled power.
- b) Completion status of works for each of the major heads along with percentage and expenditure incurred thereon associated with WFGD with respect to Unit 1 as on 14.10.2021, 30.11.2023 and 29.2.2024, and that of Unit 2 as on 14.1.2022 and 29.2.2024.
- c) In view of the revised timelines for implementation of ECS, the revision, if any, in the proposed 'Date of Operationalization' of these ECS systems. Further, the actions proposed to be taken to minimize the impact of these ECS systems on consumers during the period from 'Date of Operation' to the above timelines, particularly regarding utilization/service of these ECS systems.
- d) The original cost approved by the Board, along with supporting documents, for WFGD with respect to instant station out of the Rs. 2410.0 crore approved in February 2019 for various stations of DVC. Furnish a detailed break up of the original cost estimate in terms of Form B of the 2019 Tariff Regulations and reasons for variation in actual cost with respect to original estimated cost.
- e) The original cost approved by the Board along with supporting documents, for CMS with respect to instant station out of Rs.124.55 crore approved in February, 2019 for various stations of DVC.
- f) The approval of the Board from the original cost estimation made for WFGD in February, 2019 to Revised Cost Estimate of Rs. 634.21 crore made in October, 2019 and Revised Cost Estimate of Rs. 676.21 crore made in May, 2023 along with reasons and supporting documents thereof.
- g) Clear and legible copy of L1 schedule agreed between the Petitioner and Contractor in September, 2019, i.e. Annexure-III to the report on delay in execution of WFGD.
- h) The actual timelines (from date and to date) achieved, along with the PERT chart, for each of the activities listed in the L1 schedule for WFGD, along with the delay attributable to Petitioner, Contractor and both with respect to each such activity.



- i) The penalty levied on Contractor on account of delay in execution of works, in terms of award of contract and money recovered therefrom with respect to WFGD and CMS of each Unit.
- j) The detailed break up of IEDC in terms of 'Form P' of the 2019 Tariff Regulations as on installation of CMS for Unit 1, CMS for Unit 2, WFGD for unit 1 and WFGD for Unit 2, along with reasons for claiming IEDC over and above the normative O & M allowed to the generating station under relevant regulations.

5. The Commission directed the Respondents to file their replies on an affidavit by 24.4.2024, with an advance copy to the Petitioner and the Petitioner to file its rejoinder, if any, on an affidavit by 13.5.2024. The Commission also directed the parties to strictly comply with the above timelines and observed that no extension of time will be entertained.

6. The matter will be listed for further hearing on 6.6.2024.

By order of the Commission

sd/-
(V. Sreenivas)
Joint Chief (Law)

