



0191-2474553/0194-2490602

Ministry of Environment, Forest & Climate Change, Govt. of India.

J&K UT LEVEL EXPERT APPRAISAL COMMITTEE (JKEAC)

Department of Ecology, Environment & Remote Sensing

SDA Housing Colony, Bemina, Srinagar, Kashmir

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MINUTES OF MEETING

MINUTES OF 85TH MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 14TH OF FEBRUARY, 2022 VIA VIDEO CONFERENCING

In pursuance to Meeting Notice issued vide No: EAC/JK/22/12575-12592 dated: 03/02/2022, the 85th Meeting of JK Level Expert Appraisal Committee (JKEAC) was held on 14th of February, 2022 at 10:30 A.M. via video Conferencing. The following attended the meeting:

No.	Name	Designation
1	Mr. S.C. Sharma, IFS(Rtd.)	Chairman
2	Mr. M.A. Tak, IFS(Rtd.)	Member
3	Prof. Anil Kr. Raina	Member
4	Engineer B.B. Sharma	Member
5	Mr. Irfan Yasin	Member
6	Mr. A.R. Makroo	Member
7	Dr. G.M. Dar	Member
8	Humayun Rashid	Secretary

The Secretary, JKEAC welcomed the Chairman, Members of the JK Expert Appraisal Committee, project proponents and the consultants.

The meeting proceeded as per following sequence: -

AGENDA ITEM NO: 01

Title of case:	Grant of Environmental Clearance (EC) for (0.5 MLD) Common Effluent Treatment Plant (CETP) at Industrial Complex Bari Brahmana, Location-4 near Rotary No. 1, EPIP, Kartholi, UT of J&K, Jammu Division in favour of M/S J&K State Industrial Development Corporation Ltd. (SIDCO).
Project type: (whether mining lease/STP/ Quarry license/brick earth/ Industry/Infra/CETP)	Common Effluent Treatment Plant (CETP), Infra -2
Category (B1/B2)	B1
Proposal no:	SIA/JK/MIS/63460/2021
File no:	SEAC/JK/20/575
Consultant with validity	M/S Eco Laboratories and Consultants Pvt Ltd. Valid till: 17/12/2023
Presenter of consultant:	Dr. Sandeep Garg
Project proponent / representative of Project proponent:	Agninder Bakshi (Executive Engineer)

CASE SUMMARY

Status	Capacity (MLD)	Project/Activity applied Under	Project cost (in lacs)	Area Available (acres)	EPM cost proposed (in lacs)			CER budget proposed (lacs)
					Capital (Construction Phase)	Recurring (Construction phase)	Recurring (Operational phase)	
New Project	0.5	7(h) CETPs	668.96	0.33	35.00	6.50	13.50	Not provided

Executive Agency	Order/Permission letter Date	Allotment order No	Period of Completion
Sourabh Construction Private Limited	13/03/2021	IDC/BB/EE/530-38	08 Months

Auto ToRs granted on	Baseline data Collection by project proponent as the case may be	Date of Public Hearing	Case discussed earlier by JKEAC on
30-06-2021	Dec-2020 to May 2021	NA	Fresh Case

APPRAISAL PROCESS

STATUS OF DOCUMENTATION

S. No	Document	Status	Remarks of the Committee
1	Form 1/Form 2 as applicable	Submitted	
2	Pre-feasibility Report (PFR)	Submitted	Executive Summary submitted
3	EIA/Environmental Management Plan	Submitted	
4	Corporate Environmental Responsibility (CER)	Not submitted	CER cost not provided.

LAND USE PLANNING DETAILS

S.No	Details	Area (m ²)
1	Administrative Lab. Cum control, TB, WW building	60 sq. m.
2	Transformer	04 sq. m.
3	Area for D.G set	20 sq. m.
4	Guard room	09 sq. m.
5	Green area	445.5 sq. m.
6	ETP complete with all allied works	811.6 sq. m.
Total area		1350 sq. m (0.33 acre)

SOLID WASTE MANAGEMENT DETAILS

Solid waste Generation (Kg/day)	Hazardous waste/ Sewage sludge or other sludge from effluent treatment plant (Kg/day)	Waste water generation (KLD)	No of industries likely to be connected to the CETP
3.6	400	0.8	511

WATER REQUIREMENT

S.No	Details	Water Demand (KLD)	Source of Water
1	Domestic water demand	1.00	J&K, SIDCO
2	Green water demand	2.45	Treated waste water
3	Total water demand	3.45	

POWER REQUIREMENT DETAILS

Power Requirement (KW)	Power Backup No of Diesel Gen sets/capacity (KVA)
60	01 NO. (100 KVA)

Proposed chemicals required for the effluent treatment in (CETP)

S.No	Name of Raw Material	Tentative Quantity (kg/day)
1	Lime	250
2	Ferrous Sulphate	120
3	Poly electrolyte	1.50

Budgetary provision for EMP Implementation Expenditure on typical Environmental Protection Measures During Construction & Operation phase:

S. No	Environmental Protection Measures	Capital Cost (Rs in Lakhs)	Recurring Cost (Rs in Lakhs) (Construction Phase)	Recurring Cost (Rs in Lakhs) (Operational Phase)
1	Air & Noise pollution Management (Acoustic enclosure for DG sets)	5.00	1.00	1.00
2	Development of Green belt	2.00	1.00	1.50
3	Rain water Harvesting	1.50	0.50	0.50
4	Environmental Monitoring cost including online continuous monitoring system	20.0	1.00	2.50
5	Solid & Hazardous waste management	1.50	1.00	6.00
6	Miscellaneous (Appointment of consultant & management of environment cell)	5.00	2.00	2.00
	Total	35.00	6.50	13.50

Corporate Environmental Responsibility Activity

S. No	Activities	Cost suggested by PP (Rs in Lakhs)	Cost suggested by the Committee (Rs in Lakhs)
1	Upgradation of educational institutions within 2kms of the site	0.00	2.00
2	Upgradation of Sanitation facilities within 2kms of the site	0.0	2.00
3	Upgradation of Health facilities within 2kms of the site	0.00	2.00
4	Implementation of COVID19 SoPs within 2kms of the site	0.00	1.00
	Total	0.00	7.00

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The consultant while presenting the case informed that the J&K State Industrial Development Corporation Ltd. (SIDCO) has applied for grant of Environmental clearance (EC) under B1 category for Common Effluent Treatment Plant (CETP) of capacity **0.5 MLD** at Industrial Complex Bari Brahmana, Location-4, Jammu Division.
- b) It was also informed that the Public Hearing for CETP is exempted within Industrial Estates as clarified by the Ministry of Environment, Forest and Climate Change (MoEF&CC) vide Office Memorandum dated 10.12.2014 and OM dated 4/04/2016 with reference to the provision under para 7 (i) III. Stage (3) (i) (b) of EIA notification, 2006.
- c) Further, it was informed that the State Industrial Development Corporation Ltd. (SIDCO), has awarded the contract for the Design, providing, construction, Erection and commissioning of common effluent treatment plant (CETPs) of **0.5 MLD** at Industrial Complex Bari Brahmana, Location-4, Jammu Division to **M/S Sourabh Construction Private Limited** vide letter no IDC/BB/EE/530-38 dated 13-03-2021.
- d) As understood and gathered from the presentation, Project Proponent has already commenced the construction work of CETP, though apparently under pressure from the National Green Tribunal but the same has not been mentioned in the Form 2 uploaded on the portal. JKEAC, as such observes that the project falls under violation category and requires to be uploaded on the portal and presented before the JKEIAA in this category.
- e) The Consultant further informed JKEAC that even though the individual industrial units operating from the Industrial Estate at Bari Brahmana have their respective pollution control facilities, the objective behind the instant proposal is to further treat the combined chemical effluent from the member industrial units to bring the characteristics/ markers / parameters of the pollution within permissible Limits.
- f) JKEAC desired that Project Proponent bring on record the methodology and the calculations that led the Consultant to fix the capacity of the CETP as 0.5MLD in terms of 2030 environment guidelines /CPCB Rules.
- g) The consultant informed that only 51 industrial units in the estate shall be connected to the CETP. However, the uploaded documents indicate that the proposed project involves treatment of effluents from 511 Industries (mainly Pharmaceuticals, Pesticides, Metal Based etc.). Therefore, the Committee desired that the consultant should clarify anomaly and submit the list of member units that shall connect to the proposed CETP with details of chemical effluent generated by each of the units per day.
- h) JKEAC also desired Project Proponent and his Consultant to provide for/ include the financial outlay required for and place on record the quantity of sludge that shall be produced per day and the methodology for final disposal of the sludge as per Hazardous Waste Management Rules 2016. Comfort letter from the third party, if involved in the process, shall be prerequisite for the appraisal process.
- i) JKEAC also desired the Project Proponent to obtain and to include as part of documentation 'a performance guarantee' from the project implementation agency viz. **M/S Sourabh Construction Private Limited** that treated effluent and the sludge characteristics shall strictly conform to/ with CPCB guidelines during entire designed life of the Integrated CTEP.
- j) During the appraisal process, it was noticed that the Consultant had not provided for the CER cost. He was advised to provide for and include CER budget in project proposals in conformance with national guidelines
- k) JKEAC, in order to understand/ appreciate the proposals, also decided to constitute a Sub Committee to conduct a visit to site of proposed CETP. SIDCO, the Project Proponent may work out the arrangements and get the site visit conducted in consultation with Secretary, JKEAC.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee desired prior compliance to the observations made herein above before considering the case for further appraisal. In the meantime, a Sub-Committee comprising of Er. B.B Sharma, Mr. Irfan Yasin and Prof. Anil Kr. Raina is constituted to conduct site visit and to place its report within a fortnight for which the PP shall make all logistic arrangements. Mr. J.N Sharma, Environmental Engineer, shall be requested to accompany the Sub-Committee visiting the site.

AGENDA ITEM NO: 02

Title of case:	Grant of Environmental Clearance (EC) for (1.0 MLD) Common Effluent Treatment Plant (CETP) at Phase-II, Industrial Growth Centre, Distt. Samba, UT of J&K, in favour of M/S J&K State Industrial Development Corporation Ltd (SIDCO).
Project type: (whether mining lease/STP/ Quarry license/brick earth/ Industry/Infra/CETP)	Common Effluent Treatment Plant (CETP), Infra -2
Category (B1/B2)	B1
Proposal no:	SIA/JK/MIS/59079/2020
File no:	SEAC/JK/20/576
Consultant with validity	M/S Eco Laboratories and Consultants Pvt Ltd. Valid till: 17/12/2023
Presenter of consultant:	Dr. Sandeep Garg
Project proponent / representative of Project proponent:	Agninder Bakshi (Executive Engineer)

CASE SUMMARY

Status	Capacity (MLD)	Project/ Activity applied Under	Project cost (in lacs)	Area Availabl e (acres)	EPM cost proposed (in lacs)			CER budget proposed (lacs)
					Capital (Constructio n Phase)	Recurring (Constructi on phase)	Recurring (Operatio nal phase)	
New Project	1.00	7(h) CETPs	720.20	0.50	35.00	6.50	13.50	Not provided

Executive Agency	Order/Permission letter Date	Allotment order No	Period of Completion
Sourabh Construction Private Limited	05/10/2019	SF/02	08 Months

Auto ToRs granted on	Baseline data Collection by project proponent as the case may be	Public Hearing held on	Case discussed by JKEAC earlier on
18-12-2020	Dec-2020 to March 2021	NA	Fresh Case

APPRAISAL PROCESS

STATUS OF DOCUMENTATION

S. No	Document	Status	Remarks of the Committee
1	Form 1/Form 2 as applicable	Submitted	
2	Pre-feasibility report (PFR)	Submitted	Executive Summary submitted.
3	Environmental Management Plan	Submitted	
4	Environmental Protection Measures / Corporate Environmental Responsibility (EPM/CER)	Submitted	CER cost not provided.

LAND USE PLANNING DETAILS

S.No	Details	Area (m ²)
1	Chemical storage area	25 sq. m.
2	DG set area	20 sq. m.
3	Parking area for cars	50 sq. m.
4	Sludge storage area	20 sq. m.
5	Green area	679 sq. m.
6	ETP complete with all allied works	1264 sq. m.
Total area		2058 sq. m (0.50 acre)

SOLID WASTE MANAGEMENT DETAILS

Solid Waste Generation (Kg/day)	Hazardous waste/ Sewage sludge or other sludge from effluent treatment plant (Kg/day)	Waste water generation (KLD)	No of industries likely to be connected to the (CETP)
3.6	1000	0.8	61

WATER REQUIREMENT

S. No	Details	Water Demand (KLD)	Source of Water
1	Domestic water demand	1.00	J&K, SIDCO
2	Green water demand	3.70	Treated waste water
3	Total water demand	4.70	

POWER REQUIREMENT DETAILS

Power Requirement (KW)	POWER BACKUP No of Diesel Gen sets/capacity (KVA)
100	01 NO. (125 KVA)

Proposed chemicals required for the effluent treatment in (CETP)

S.No	Name of Raw Material	Tentative Quantity (kg/day)
1	Lime	460
2	Ferrous Sulphate	230
3	Poly electrolyte	2.50

Budgetary provision for EMP Implementation Expenditure on typical Environmental Protection Measures During Construction & Operation phase:

S. No	Environmental Protection Measures	Capital Cost (Rs in Lakhs)	Recurring Cost (Rs in Lakhs) (Construction Phase)	Recurring Cost (Rs in Lakhs) (Operational Phase)
1	Air & Noise pollution Management (Acoustic enclosure for DG sets)	5.00	1.00	1.00
2	Development of Green belt	2.00	1.00	1.50
3	Rain water Harvesting	1.50	0.50	0.50
4	Environmental Monitoring cost including online continuous monitoring system	20.0	1.00	2.50
5	Solid & Hazardous waste management	1.50	1.00	6.00
6	Miscellaneous (Appointment of consultant & management of environment cell)	5.00	2.00	2.00
	Total	35.00	6.50	13.50

Corporate Environmental Responsibility Activity

S. No	Activities	Cost suggested by PP (Rs in Lakhs)	Cost suggested by the Committee (Rs in Lakhs)
1	Upgradation of educational institutions within 2kms of the site	0.00	2.00
2	Upgradation of Sanitation facilities within 2kms of the site	0.0	2.00
3	Upgradation of Health facilities within 2kms of the site	0.00	2.00
4	Implementation of COVID19 SoPs within 2kms of the site	0.00	1.00
	Total	0.00	7.00

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The consultant while presenting the case informed that the J&K State Industrial Development Corporation Ltd. (SIDCO) has applied for grant of Environmental clearance (EC) under B1 category for Common Effluent Treatment Plant (CETP) of capacity **1.0 MLD** at Industrial Complex at Phase-II, Industrial Growth Centre, Distt. Samba, UT of J&K
- b) It was also informed that the Public Hearing for CETP is exempted as clarified by the Ministry of Environment, Forest and Climate Change (MoEF&CC) vide Office Memorandum dated 10.12.2014 and OM dated 4/04/2016 with reference to the provision under para 7 (i) III. Stage (3) (i) (b) of EIA notification, 2006.
- c) Further, it was informed that on behalf of State Industrial Development Corporation Ltd. (SIDCO), the contract for the Design, providing, construction, Erection and commissioning of common effluent treatment plant (CETPs) of **1.0 MLD** at Industrial Complex at Phase-II, Industrial Growth Centre, Distt. Samba, UT of J&K has been given to **M/S Sourabh Construction Private Limited vide** letter no SF/02 dated 05/10/2019.
- d) As understood and gathered from the presentation, Project Proponent has already commenced the construction work of CETP, though apparently under pressure from the National Green Tribunal but the same has not been mentioned in the Form 2 uploaded on the portal. JKEAC, as such observes that the project falls under **violation category** and requires to be uploaded on the portal and presented before the JKEIAA in this category.
- e) The Consultant further informed JKEAC that even though the individual industrial units operating from the Industrial Estate have their respective pollution control facilities, the objective behind the instant proposal is to further treat the combined chemical effluent from the member industrial units to bring the characteristics/ markers / parameters of the pollution within permissible Limits.
- f) JKEAC desired that Project Proponent bring on record the methodology and the calculations that led the Consultant to fix the capacity of the CETP as 1MLD in terms of 2030 environment guidelines /CPCB Rules.
- g) The consultant informed that only 61 industrial units in the estate shall be connected to the CETP (mainly Pharmaceuticals, Pesticides, Metal Based etc. The Committee desired that the consultant should give the list of member units and industrial effluent generated /contributed by each unit per day.
- h) JKEAC also desired Project Proponent and his Consultant to provide for/ include the financial outlay required for and place on record the quantity of sludge that shall be

produced per day and the methodology for final disposal of the sludge as per Hazardous Waste Management Rules 2016. Comfort letter from the third party, if involved in the process, shall be prerequisite for the appraisal process.

- i) JKEAC also desired the Project Proponent to obtain and to include as part of documentation 'a performance guarantee' from the project implementation agency viz. **M/S Sourabh Construction Private Limited** that treated effluent and the sludge characteristics shall strictly conform to/ with CPCB guidelines during entire designed life of the Integrated CETP.
- j) During the appraisal process, it was noticed that the Consultant had not provided for the CER cost. He was advised to provide for and include CER budget in project proposals in conformance with national guidelines
- k) JKEAC, in order to understand/ appreciate the proposals, also decided to constitute a Sub Committee to conduct a visit to site of proposed CETP. SIDCO, the Project Proponent may work out the arrangements and get the site visit conducted in consultation with Secretary, JKEAC.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee desired prior compliance to the observations made herein above before considering the case for further appraisal. In the meantime, the Sub-Committee constituted herein above shall also conduct site visit of the project and place its recommendations before JKEAC forum within a fortnight for further appraisal.

AGENDA ITEM NO: 03

Title of case:	Grant of Environmental Clearance (EC) for “1.5 MLD CETP plant at Industrial Complex Bari Brahmana, Distt. Samba, by Jammu and Kashmir State Industrial Development Corporation Ltd (J&K SIDCO). 2,098 sq. m (or 0.5 acre) in favour of M/S J & K STATE INDUSTRIAL DEVELOPMENT CORPORATION LTD. (SIDCO), Superintending Engineer, 4th Floor, Jawaharlal Nehru Udyog Bhawan, Jammu, J&K-180004 cetpsidco@gmail.com
Project type (whether mining lease/STP/ Quarry license/brick earth / Building and construction Projects / CETP plant)	Common Effluent Treatment Plant (CETPs)
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIS/59091/2020
File no:	SEAC/JK/20/577

Consultant with validity	Eco Laboratories & Consultants Pvt. Ltd Valid till: 17/12/2023
Presenter of consultant:	Dr. Sandeep Garg
Project proponent / representative of Project proponent:	Sh. Agninder Bakshi (Executive Engineer)

CASE SUMMARY

Status	Capacity (MLD)	Project/Activity applied Under	Project cost (in Lakhs)	EMP cost proposed (in crore / lacs)			CER budget proposed (lakhs)
				Construction Phase Capital Proposed in (Lakhs)	Recurring Proposed in (Lakhs)	Operational phase Recurring Proposed in (Lakhs)	
New Project	1.5	7(h) CETPs	863.80	40.00	9.00	14.5	Not Provided

Executive agency	Order/Permission letter Date	Allotment order No	Period of Completion
M/S Sourabh Construction Private Limited	05/10/2019	SE/01	08 Months

Public Hearing held on	Auto Generated ToRs granted on	Baseline data Collection by project proponent as the case may be	Case discussed by JKEAC earlier on
NA	18/12/2020	18 Dec.2020- 12 March 2021	Fresh case

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M /Form 1A as applicable	Submitted	
2	Pre-feasibility report (PFR)	submitted	Executive Summary submitted
3	Conceptual Plan / Project layout	Submitted	
5	Environmental Management Plan/ Corporate Environmental Responsibility (PFR/EMP/CER)	Formulated but needs revision	CER cost not provided

LAND USE PLANNING DETAILS

S.NO	Land use Details	Area in (m2)
	Chemical storage area	25
	DG set area	20
	Parking area	50
	Hazardous Sludge room	25
	Green area	692
	ETP complete with all allied works	1286
	Total Area	2098 sq.m. or (0.5 acre)

SOLID WASTE MANAGEMENT DETAILS

Solid waste Generation (Kg/day)	Hazardous waste/ Sewage sludge or other sludge from effluent treatment Plant (Kg/day)	Waste water generation (KLD)	No of industries likely to be connected to the CETP
3.6	1500	0.8	511

WATER REQUIREMENT

S. No	Details	Water Demand (KLD)	Source of Water
1	Domestic water demand	1.00	J&K, SIDCO
2	Green water demand	3.7	Treated waste water
3	Total water demand	4.7	

POWER REQUIREMENT DETAILS

Power Requirement (KW)	POWER BACKUP No of Diesel Gen sets/capacity (KVA)
156	01 NO (125 kVA)

PROPOSED CHEMICALS REQUIRED FOR THE EFFLUENT TREATMENT IN (CETP)

S. No	Name of Raw Material	Tentative Quantity (kg/day)
1	Lime	750
2	Ferrous Sulphate	345
3	Poly electrolyte	4.5

BUDGETARY PROVISION FOR EMP IMPLEMENTATION

Expenditure on typical Environmental Protection Measures During Construction & Operational phase

S. No	Environmental protection measures	Budget proposed by Proponent (in Lakhs) (Operational Phase)		Budget proposed by Proponent (in Lakhs) (Operational Phase)
		Capital	Recurring	Recurring
1	Air & noise pollution management (Acoustics enclosures for DG set)	8.00	2.00	2.00
2	Development of green belt	2.00	1.00	1.5
3	Rain water harvesting	1.5	0.5	0.5
6	Environment Monitoring Cost including online continuous monitoring system	20.00	2.00	2.5
7	Solid & Hazardous Waste Management	2.5	1.5	6.00
8	Miscellaneous (Appointment of Consultant & Management of Environment cell)	6.00	2.00	2.00
	Total	40.00	9.00	14.4

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No	Activities	Annual Budget proposed by Proponent (in Lakhs)	Annual Budget proposed by Committee (in Lakhs)
1	Upgradation of educational institutions within 2kms of the site	0.00	2.00
2	Upgradation of Sanitation facilities within 2kms of the site	0.0	3.00
3	Upgradation of Health facilities within 2kms of the site	0.00	2.00
4	Implementation of COVID19 SOPs within 2kms of the site	0.00	1.50
	Total	0.00	8.50

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- The consultant while presenting the case informed that the J&K State Industrial Development Corporation Ltd. (SIDCO) has applied for grant of Environmental clearance (EC) under B1 category for (1.5 MLD) Common Effluent Treatment Plant (CETP) at Industrial Complex at Industrial Complex, Bari Brahmana, Distt. Samba.
- It was also informed that the Public Hearing for CETP is exempted as clarified by the Ministry of Environment, Forest and Climate Change (MoEF&CC) vide Office Memorandum dated

10.12.2014 and OM dated 4/04/2016 with reference to the provision under para 7 (i) III. Stage (3) (i) (b) of EIA notification, 2006.

- c) Further, he informed that on behalf of M/S State Industrial Development Corporation Ltd. (SIDCO), the contract for the Design, providing, construction, Erection and commissioning of common effluent treatment plant (CETPs) of **1.5 MLD** at Industrial Complex at Location 5 near M/S Vijay steel industries as (Turn Key Basis) has been given to **M/S Sourabh Construction Private Limited** vide letter IDC/SE/ 01-07 dated 05-10-2019.
- d) As understood and gathered from the presentation, Project Proponent has already commenced the construction work of CETP, though apparently under pressure from the National Green Tribunal but the same has not been mentioned in the Form 2 uploaded on the portal. JKEAC, as such observes that the project falls under **violation category** and requires to be uploaded on the portal and presented before the JKEIAA in this category.
- e) The Consultant further informed JKEAC that even though the individual industrial units operating from the Industrial Estate have their respective pollution control facilities, the objective behind the instant proposal is to further treat the combined chemical effluent from the member industrial units to bring the characteristics/ markers / parameters of the pollution within permissible Limits.
- f) JKEAC desired that Project Proponent bring on record the methodology and the calculations that led the Consultant to fix the capacity of the CETP as 1.5MLD in terms of 2030 environment guidelines /CPCB Rules.
- g) The Committee desired that the consultant should intimate the actual number of units likely to contribute to the proposed facility giving the list of member units and industrial effluent generated /contributed by each unit per day.
- h) JKEAC also desired Project Proponent and his Consultant to provide for/ include the financial outlay required for and place on record the quantity of sludge that shall be produced per day and the methodology for final disposal of the sludge as per Hazardous Waste Management Rules 2016. Comfort letter from the third party, if involved in the process, shall be prerequisite for the appraisal process.
- i) JKEAC also desired the Project Proponent to obtain and to include as part of documentation 'a performance guarantee' from the project implementation agency viz. **M/S Sourabh Construction Private Limited** that treated effluent and the sludge characteristics shall strictly conform to/ with CPCB guidelines during entire designed life of the Integrated CTEP.
- j) During the appraisal process, it was noticed that the Consultant had not provided for the CER cost. He was advised to provide for and include CER budget in project proposals in conformance with national guidelines
- k) JKEAC, in order to understand/ appreciate the proposals, also decided to constitute a Sub Committee to conduct a visit to site of proposed CETP. SIDCO, the Project Proponent may work out the arrangements and get the site visit conducted in consultation with Secretary, JKEAC.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee desired prior compliance to the observations made herein above before considering the case for further appraisal. In the meantime, the Sub-Committee constituted herein above shall also conduct site visit of the project and place its recommendations before JKEAC forum within a fortnight for further appraisal.

AGENDA ITEM NO: 04

Title of case:	Grant of Environmental Clearance (EC) for “0.5 MLD CETP plant at Phase-III, Industrial Growth Centre, Distt. Samba, Jammu & Kashmir by Jammu & Kashmir State Industrial Development Corporation Ltd (J&K SIDCO) 1,315.23 sq. m. (or 0.33 acre) in favour of M/S J&K STATE INDUSTRIAL DEVELOPMENT CORPORATION LTD. (SIDCO), Superintending Engineer, 4th Floor, Jawaharlal Nehru Udyog Bhawan, Jammu, J&K-180004 cetpsidco@gmail.com
Project type (whether mining lease/STP/ Quarry license/brick earth / Building and construction Projects / CETP plant)	Common Effluent Treatment Plant (CETPs)
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIS/60653/2021
File no:	SEAC/JK/20/578
Consultant with validity	Eco Laboratories & Consultants Pvt. Ltd Valid till: 17/12/2023
Presenter of consultant:	
Project proponent / representative of Project proponent:	Sh. Agninder Bakshi (Executive Engineer)

CASE SUMMARY

Status	Capacity (MLD)	Project/Activity applied under	Project cost (in Lakhs)	EMP cost proposed (in crore / lacs)			CER budget proposed (Crore/annum)
				Construction Phase Capital Proposed in (Lakhs)	Recurring Proposed in (Lakhs)	Operational phase Recurring Proposed in (Lakhs)	
New Project	0.5	7(h) CETPs	527.40	33.5	6.00	13.5	Not provided

Executive Agency	Order/Permission letter Date	Allotment order No	Order/permission Date of Validity
M/S R.K Builders Pvt. Ltd.	05/10/2019	SE/04	08 months

Public Hearing held on	Auto Generated ToRs granted on	Baseline data Collection by project proponent as the case may be	Case discussed by JKEAC earlier on
NA	15/06/2021	Dec.2020-March 2021	Fresh case

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M /Form 1A as applicable	Submitted	
2	Pre-feasibility report (PFR)	submitted	Executive Summary submitted
3	Conceptual Plan / Project layout	Submitted	
5	Environmental Management Plan/ Corporate Environmental Responsibility (PFR/EMP/CER)	Formulated but needs revision	CER cost not provided

LAND USE PLANNING DETAILS

S.NO	Land use Details	Area in (m2)
	Chemical storage area	25
	DG set area	20
	Parking area	40
	Sludge storage area	16
	Green area	320
	ETP complete with all allied works	929
	Total Area	1315.23 sq.m. or (0.33 acre)

SOLID WASTE MANAGEMENT DETAILS

Solid waste Generation (Kg/day)	Hazardous waste/ Sewage sludge or other sludge from effluent treatment Plant (Kg/day)	Waste water generation (KLD)	No of industries likely to be connected to the CETP
3.6	400	0.8	165

WATER REQUIREMENT

S. No	Details	Water Demand (KLD)	Source of Water
1	Domestic water demand	1.00	J&K, SIDCO
2	Green water demand	1.8	Treated waste water
3	Total water demand	2.8	

POWER REQUIREMENT DETAILS

Power Requirement (KW)	POWER BACKUP No of Diesel Gen sets/capacity (KVA)
70	01 (100 KV)

Proposed chemicals required for the effluent treatment in (CETP)

S. No	Name of Raw Material	Tentative Quantity (kg/day)
1	Lime	250
2	Ferrous Sulphate	120
3	Poly electrolyte	1.50

BUDGETARY PROVISION FOR EMP IMPLEMENTATION

Expenditure on typical Environmental Protection Measures During Construction phase and Operation Phase

S. No	Environmental protection measures	Budget proposed by Proponent (in Lakhs) (Construction Phase)		Budget proposed by Proponent (in Lakhs) (Operational Phase)
		Capital	Recurring	Recurring
1	Air & noise pollution management (Acoustics enclosures for DG set)	5.00	1.00	1.00
2	Development of green belt	1.00	0.50	1.5
3	Rain water harvesting	1.00	0.50	0.5
6	Environment Monitoring Cost including online continuous monitoring system	20.00	1.00	2.5
7	Solid & Hazardous Waste Management	1.5	1.00	6.00
8	Miscellaneous (Appointment of Consultant & Management of Environment cell)	5.00	2.00	2.00
	Total	33.5	6.00	13.5

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No	Activities	Annual Budget proposed by Proponent (in Lakhs)	Annual Budget proposed by Committee (in Lakhs)
1	Upgradation of educational institutions within 2kms of the site	0.00	1.00
2	Upgradation of Sanitation facilities within 2kms of the site	0.0	2.00
3	Upgradation of Health facilities within 2kms of the site	0.00	1.50

4	Implementation of COVID19 SOPs within 2kms of the site	0.00	1.00
	Total	0.00	5.50

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The M/S J&K State Industrial Development Corporation Ltd. (SIDCO) has applied for grant of Environmental clearance (EC) for Common effluent treatment Plant (CETPs) (0.5 MLD) capacity project under B1 category at Location Phase-III, IGC Samba by Jammu and Kashmir State Industrial Development Corporation Ltd (J&K SIDCO).
- b) It was also informed that the Public Hearing for CETP within industrial estate is exempted as clarified by the Ministry of Environment, Forest and Climate Change (MoEF&CC) vide Office Memorandum dated 10.12.2014 and OM dated 4/04/2016 with reference to the provision under para 7 (i) III. Stage (3) (i) (b) of EIA notification, 2006.
- c) Further, he informed that on behalf of M/S State Industrial Development Corporation Ltd. (SIDCO), the contract for the Design, providing, construction, Erection and commissioning of common effluent treatment plant (CETPs) of 0.5 MLD at Industrial Complex at Location 1&2 Phase-III IGC samba has been given to M/S R.K Builders vide letter no IDC/SE/22-28 dated 05/10/2019.
- d) The J&K SIDCO Jammu has given permission to the **M/S R.K Builders** for construction of the 0.5 MLD CETPs plant vide letter No IDC/BB/EE/448 dated 01/01/2020. The total area of the Common Effluent Treatment Plant (CETP) is **1315.23 sq. m. (or 0.33 acre)**
- e) As understood and gathered from the presentation, Project Proponent has already commenced the construction work of CETP, though apparently under pressure from the National Green Tribunal but the same has not been mentioned in the Form 2 uploaded on the portal. JKEAC, as such observes that the project falls under **violation category** and requires to be uploaded on the portal and presented before the JKEIAA in this category.
- f) The Consultant further informed JKEAC that even though the individual industrial units operating from the Industrial Estate have their respective pollution control facilities, the objective behind the instant proposal is to further treat the combined chemical effluent from the member industrial units to bring the characteristics/ markers / parameters of the pollution within permissible Limits.
- g) JKEAC desired that Project Proponent bring on record the methodology and the calculations that led the Consultant to fix the capacity of the CETP as 0.5MLD in terms of 2030 environment guidelines /CPCB Rules.
- h) The Committee desired that the consultant should intimate the actual number of units likely to contribute to the proposed facility giving the list of member units and industrial effluent generated /contributed by each unit per day.
- i) JKEAC also desired Project Proponent and his Consultant to provide for/ include the financial outlay required for and place on record the quantity of sludge that shall be produced per day and the methodology for final disposal of the sludge as per Hazardous Waste Management Rules 2016. Comfort letter from the third party, if involved in the process, shall be prerequisite for the appraisal process.
- j) JKEAC also desired the Project Proponent to obtain and to include as part of documentation 'a performance guarantee' from the project implementation agency viz. **M/S M/S R.K Builders** that treated effluent and the sludge characteristics shall strictly conform to/ with CPCB guidelines during entire designed life of the Integrated CTEP.
- k) During the appraisal process, it was noticed that the Consultant had not provided for the CER cost. He was advised to provide for and include CER budget in project proposals in conformance with national guidelines
- l) JKEAC, in order to understand/ appreciate the proposals, also decided to constitute a Sub Committee to conduct a visit to site of proposed CETP. SIDCO, the Project Proponent may

work out the arrangements and get the site visit conducted in consultation with Secretary, JKEAC.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee desired prior compliance to the observations made herein above before considering the case for further appraisal. In the meantime, the Sub-Committee constituted herein above shall also conduct site visit of the project and place its recommendations before JKEAC forum within a fortnight for further appraisal.

AGENDA ITEM NO: 05

Title of case:	Grant of Environmental Clearance (EC) for “0.5 MLD CETP plant at Phase-II, Industrial Growth Centre Distt. Samba, Jammu & Kashmir by Jammu & Kashmir State Industrial Development Corporation Ltd. (J&K SIDCO). 1315.23 sq. m. (or 0.33 acre) in favour of M/S J&K STATE INDUSTRIAL DEVELOPMENT CORPORATION LTD. (SIDCO), Superintending Engineer, 4th Floor, Jawaharlal Nehru Udyog Bhawan, Jammu, J&K-180004 cetpsidco@gmail.com
Project type (whether mining lease/STP/ Quarry license/brick earth / Building and construction Projects / CETP plant)	Common Effluent Treatment Plant (CETP)
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIS/60642/2021
File no:	SEAC/JK/20/579
Consultant with validity	Eco Laboratories & Consultants Pvt. Ltd Valid till: 17/12/2023
Presenter of consultant:	Dr. Sandeep Garg
Project proponent / representative of Project proponent:	Sh. Agninder Bakshi (Executive Engineer)

CASE SUMMARY

Status	Capacity (MLD)	Project/Activity applied for	Project cost (in lakhs)	EMP cost proposed (in laacs)			CER budget proposed (Crore/annu m)
				Construction Phase Capital Proposed in (Lakhs)	Recurring Phase Proposed in (Lakhs)	Operational phase Recurring Proposed in (Lakhs)	
New Project	0.5	7(h) CETPs	527.40	34.00	6.00	13.00	Not Provided

Executive Agency	Order/Permission letter Date	Allotment order No	Completion time
M/S R.K Builders Pvt. Ltd.	05/10/2019	SE/03	08 months

Public Hearing held on	Auto generated ToRs granted on	Baseline data Collection by project proponent as the case may be	Case discussed by JKEAC earlier on
NA	15/06/2021	Dec.2020-March 2021	Fresh case

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M /Form 1A as applicable	Submitted	
2	Pre-feasibility report (PFR)	submitted	Executive Summary submitted
3	Conceptual Plan / Project layout	Submitted	
5	Environmental Management Plan/ Corporate Environmental Responsibility (PFR/EMP/CER)	Formulated but needs revision	CER cost not provided

LAND USE PLANNING DETAILS

S.NO	Land use Details	Area in (m2)
1	Chemical storage area	25
2	DG set area	20
3	Parking area	40
4	Sludge storage area	20
5	Green area	320
6	ETP complete with all allied works	890.23
	Total Area	1315.23 sq.m. or (0.33 acre)

SOLID WASTE MANAGEMENT DETAILS

Solid waste Generation (Kg/day)	Hazardous waste/ Sewage sludge or other sludge from effluent treatment Plant (Kg/day)	Waste water generation (KLD)	No of industries feeding to the proposed C
3.6	400	0.8	21

WATER REQUIREMENT

S. No	Details	Water Demand (KLD)	Source of Water
1	Domestic water demand	1.00	J&K, SIDCO
2	Green water demand	1.8	Treated waste water
3	Total water demand	2.8	

POWER REQUIREMENT DETAILS

Power Requirement (KW)	POWER BACKUP No of Diesel Gen sets/capacity (KVA)
87.5	01 (100 KV)

Proposed Chemicals Required for the Effluent Treatment in (CETP)

S. No	Name of Raw Material	Tentative Quantity (kg/day)
1	Lime	250
2	Ferrous Sulphate	120
3	Poly electrolyte	1.50

BUDGETARY PROVISION FOR EMP IMPLEMENTATION Expenditure on typical Environmental Protection Measures During Construction and Operation phase

S. No	Environmental protection measures	Budget proposed by Proponent (in Lakhs) (Construction Phase)		Budget proposed by Proponent (in Lakhs) (Operation Phase)
		Capital	Recurring	Recurring
1	Air & noise pollution management (Acoustics enclosures for DG set)	5.00	1.00	1.00
2	Development of green belt	1.5	0.50	1.00
3	Rain water harvesting	1.00	0.50	0.5
6	Environment Monitoring Cost including online continuous monitoring system	20.00	1.00	2.5
7	Solid & Hazardous Waste Management	1.5	1.00	6.00
8	Miscellaneous (Appointment of Consultant & Management of Environment cell)	5.00	2.00	2.00
	Total	34.00	6.00	13.00

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No	Activities	Annual Budget proposed by Proponent (in Lakhs)	Annual Budget proposed by Committee (in Lakhs)
1	Upgradation of educational institutions within 2 kms of the site	0.00	1.00
2	Upgradation of Sanitation facilities within 2kms of the site	0.0	2.50
3	Upgradation of Health facilities within 2kms of the site	0.00	2.00
4	Implementation of COVID19 SOPs within 2kms of the site	0.00	1.00
	Total	0.00	6.50

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The M/S J&K State Industrial Development Corporation Ltd. (SIDCO) has applied for grant of Environmental clearance (EC) for Common effluent treatment Plant (CETPs) (0.5 MLD) capacity project under B1 category at Location Phase-II Near M/S Bindra Factory, IGC Samba by Jammu and Kashmir State Industrial Development Corporation Ltd (J&K SIDCO).
- b) It was also informed that the Public Hearing for CETP within industrial estate is exempted as clarified by the Ministry of Environment, Forest and Climate Change (MoEF&CC) vide Office Memorandum dated 10.12.2014 and OM dated 4/04/2016 with reference to the provision under para 7 (i) III. Stage (3) (i) (b) of EIA notification, 2006.
- c) Further, he informed that on behalf of M/S State Industrial Development Corporation Ltd. (SIDCO), the contract for the Design, providing, construction, Erection and commissioning of common effluent treatment plant (CETPs) of 0.5 MLD at Industrial Complex at Location 1&2 Phase-II IGC samba has been given to M/S R.K Builders vide letter no IDC/SE/15-21 dated 05/10/2019.
- d) As understood and gathered from the presentation, Project Proponent has already commenced the construction work of CETP, though apparently under pressure from the National Green Tribunal but the same has not been mentioned in the Form 2 uploaded on the portal. JKEAC, as such observes that the project falls under **violation category** and requires to be uploaded on the portal and presented before the JKEIAA in this category.
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- f) JKEAC desired that Project Proponent bring on record the methodology and the calculations that led the Consultant to fix the capacity of the CETP as 0.5MLD in terms of 2030 environment guidelines /CPCB Rules.
- g) The proposed project involves treatment of effluent generated from 21 Industries (mainly Pharmaceuticals, Pesticides, Metal Based etc.) thereby, enabling the industries to facilitate better management of their industrial waste water. The Committee desired that the consultant should give the list of member units and industrial effluent generated /contributed by each unit per day.
- h) JKEAC also desired Project Proponent and his Consultant to provide for/ include the financial outlay required for and place on record the quantity of sludge that shall be produced per day and the methodology for final disposal of the sludge as per Hazardous Waste Management

Rules 2016. Comfort letter from the third party, if involved in the process, shall be prerequisite for the appraisal process.

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- j) During the appraisal process, it was noticed that the Consultant had not provided for the CER cost. He was advised to provide for and include CER budget in project proposals in conformance with national guidelines
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In view of the above deliberations and insight gained during the above cited appraisal process, the Committee desired prior compliance to the observations made herein above before considering the case for further appraisal. In the meantime, the Sub-Committee constituted herein above shall also conduct site visit of the project and place its recommendations before JKEAC forum within a fortnight for further appraisal.

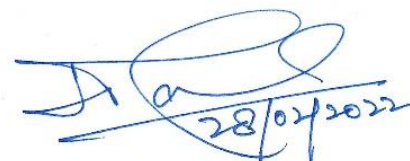
OBSERVATIONS ABOUT CONDUCT OF CONSULTANTS

(Excellent/Good /Average/Poor)

(SCALE: 9 to 10= Excellent / 7-8=Good /5-6=Average / 4-5= below average / less than 3= Poor)

S. No.	Component	M/S Eco Laboratories and Consultants Pvt Ltd.
1	Submission of the documents	5
2	Site Appreciation Note, kml /kmz file, site photo and site videos and PowerPoint presentation	3
3	Presentation of factual details of case(s)	3
4	Field knowledge of the case(s)	5
5	Formulation of PFR, EMP, EIA, CER etc.	4
	Overall professional conduct during proceedings	4

The minutes were formulated online by the JK Level Expert Appraisal Committee (JKEAC) immediately after the deliberations and are hereby issued with approval of the esteemed Chairman, JKEAC.



(Humayun Rashid)
S E C R E T A R Y
JKUT level Expert Appraisal Committee

NO:EAC/JK/22/12764-12776

Dated:28/02/2022

Copy by email to:

1. The Member Secretary, J&K Environment Impact Assessment Authority (JKEIAA), /PCCF/Director, Ecology, Environment and Remote Sensing, J&K Govt., Jammu for favour kind information.
2. Sh. S. C. Sharma, Chairman, J&K Expert Appraisal Committee, (JKEAC) 331 Shastri Nagar, Jammu-180004 for favour of kind information.
3. Sh. M.A Tak, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 124 Mominabad (Near Jakfed), Anantnag Kashmir,-192101 for favour of kind information.
4. Sh. BrajBhushan Sharma, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 278/2 Channi Himmat, Jammu for favour of kind information.
5. Professor Shakeel Ahmad Romshoo, Member, J&K Expert Appraisal Committee, (JKEAC) Department of Earth Sciences Kashmir University Srinagar-190006 for favour of kind information and necessary action please.
6. Sh. Abdul Rashid Makroo, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) H/No. 9 Lane No 11 Sector C, Gulshan Nagar Nowgam Bypass, Srinagar-190019 for favour of kind information please.
7. Professor ArvindJasrotia Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 33/D Sainik Colony Jammu-180011 for favour of kind information please.
8. Dr.Ghulam Mohammad Dar, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Main Campus IMPA&RD, M.A Road, Srinagar-190001 for favour of kind information please.
9. Sh. IrfanYasin, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Bagh-e-Hyderpora, Bypass, Srinagar for favour of kind information please.
10. Professor Anil Kumar Raina, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Department of Environmental Science University of Jammu, Jammu-180006 for favour of kind information please.
11. Professor M. A. Khan, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Khan House, A-27 Milatabad, Peerbagh "B" Srinagar for favour of kind information please.
12. Dr.Falendra Kumar Sudan, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Professor Department of Economics University of Jammu, Jammu for favour of kind information please.
13. Sh. Sheikh Sajid, PA for information and with direction to upload the minutes on the environmental clearance portal at parivesh.nic.in.
14. Concerned File.