



# Rajasthan State Pollution Control Board

Headquarter, 4, Institutional Area, JhalanaDoongri, Jaipur-302004

Phone :0141-2711263 e-mail : [member-secretary@rpcb.nic.in](mailto:member-secretary@rpcb.nic.in)

RSPCB Help Line No. :0141-2716877

No. F.14 (CETP-62) RPCB/Jodhpur/LW/2094-2116

Date: 23.02.23

## OFFICE ORDER

**Subject:- Award scheme for Common Effluent Treatment Plants (CETPs) and Municipal Sewage Treatment Plants (STPs) of Rajasthan.**

In order to promote healthy competition among the Common Effluent Treatment Plants (CETPs) and Municipal Sewage Treatment Plants (STPs) to excel their operations and improve their performance Rajasthan State Pollution Control Board is introducing "Award scheme for Common Effluent Treatment Plants (CETPs) and Municipal Sewage Treatment Plants (STPs) of Rajasthan".

All operative CETPs and STPs fulfilling basic eligibility criteria mentioned in the scheme can participate in the scheme. The applications of applicants will be evaluated as per the criteria given in scheme by an independent jury and best performer CETPs and STPs will be awarded.

This bears approval of competent authority.

—sd—

(B. Praveen)

Member Secretary

Encl.:— As above.

No. F.14 (CETP-62) RPCB/Jodhpur/LW/ 2094 - 2116

Date: 23.02.2023

Copy to following for information/necessary action please:—

1. P.S. to Chairperson, RSPCB, Jaipur.
2. P.S. to Member Secretary, RSPCB, Jaipur.
3. PS to Secretary, LSG Department, Government of Rajasthan, Jaipur.
4. PS to Director, Directorate of Local Bodies, Govt. of Rajasthan, Jaipur.
5. Chief Environmental Engineer, RSPCB, Jaipur.
6. Chief Scientific Officer, RSPCB, Jaipur.
7. Chief Accounts Officer, RSPCB, Jaipur.
8. Group Incharge, Planning/Textile/ CPP/OGM/MSW,EW/Mines, SCMG/Project, IEC/ PDF& CD/Legal/Hotel, B &C/Hazardous/Food & Misc./Liquid Waste/ BMW/Plastic & ECC, RSPCB, Jaipur.
9. Group Incharge (IT), RSPCB, Jaipur with direction to upload on Board's website.
10. Group Incharge (Project & IEC), RSPCB, Jaipur with direction to publicize the scheme among the stakeholders i.e. CETPs and STPs of the State and a copy of this scheme be circulated immediately to concerned agencies including



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ULBs, Development Authorities, CETP trusts and District Collectors of every district in the State.

11. Regional Officer, Regional Office, Rajasthan State Pollution Control Board Alwar/Bhiwadi/Bharatpur/Bhilwara/Bikaner/Balotra/Chittorgarh/Jaipur(North)/Jaipur (South)/Jodhpur/Kota/Kishangarh/Pali/Sikar/Udaipur/Sirohi/Rajsamand/Jhunjhunu/Jaisalmer/Banswara/Jhalawar/Nagaur/Sawaimadhupur/Hanumangarh/Bundi - with directions to inform all CETPs and STPs under your jurisdiction about the scheme.
12. Chairman, M/S. Balotra Water Pollution Control Treatment & Reverse Osmosis Pvt. Ltd., SPL-2, Phase III, RIICO Industrial Area, Khed Road, Balotra, District Barmer. Email: [balotracetp@gmail.com](mailto:balotracetp@gmail.com)
13. Chairman, M/S. CETP Bithuja, Balotra Water Pollution Control and Reseach Foundation Trust, Samdari Road, Bithuja, Pachpadra, District:Barmer. Email: [balotracetp@gmail.com](mailto:balotracetp@gmail.com)
14. Chairman, M/S. Jasol Water pollution Control & Treatment Trust, Tilwara Road, Jasol, District Barmer. Email: [cetpjasol@gmail.com](mailto:cetpjasol@gmail.com)
15. Chairman, M/S. Jodhpur Pradushan Niwaran Trust, SP-1, Phase-II, Sangaria Industrial Area, Jodhpur. Email: [cetp\\_jdr@yahoo.co.in](mailto:cetp_jdr@yahoo.co.in)
16. Chairman, M/S. Pali Water Pollution Control, Treatment and Research Foundation, Punayata Road, Industrial Area, Pali. Email: [pwpctrf@gmail.com](mailto:pwpctrf@gmail.com)
17. President, M/S. Bhiwadi Jal Pradushan Nivaran Association(BJPNA), CETP, Opposite New Bus Stand, Tijara Road, Bhiwadi, District-Alwar. Email-[cetppradushan@gmail.com](mailto:cetppradushan@gmail.com)
18. Director, Sanganer Enviro Project Development, Sanganer, Jaipur.
19. Director, Jaipur Integrated Texcraft Park Pvt. Ltd., Bagru, Jaipur/Next Gen Textile Park, Pali/Green Tech Mega Food Park, Roopnagarh, Ajmer.
20. Executive Engineer, PHE-I, Jaipur Development Authority, Jaipur(CETP 1 MLD for Kartarpura Nalla, Sudarshanpura, Jaipur).
21. Master File, LW, RSPCB, Jaipur.

*can*  
Member Secretary



**Award scheme  
for  
Common Effluent  
Treatment Plants  
(CETPs) and  
Sewage Treatment  
Plants (STPs)  
of Rajasthan**

**Year-2023**

**Rajasthan State Pollution Control Board**  
4, Institutional Area, Jhalana Doongri, Jaipur-302004.  
Phone : 0141-2711263 e-mail : member-secretary@rpcb.nic.in

**SECTION-I**  
**(CETPs)**

**(i) Introduction**

In the State of Rajasthan presently 12 CETPs are operating and few more are expected to come up in coming years. The CETPs are operating up to tertiary treatment level and few of them have also been upgraded to ZLD plants.

The State Board endeavors to ensure efficient operations of CETP's. To achieve the goal, State Board is following all statutory requirements. To encourage CETPs for further improving their efficiencies, State Board has decided to come up with awards for CETPs.

The award to CETPs is expected to develop healthy competition among the CETPs to excel in their operations and improve their performance.

This will create an environmental management landscape where the CETPs can improve their environmental performance voluntarily and set higher goals for their improvement and rewarded for better results.

**(ii) About the award:**

Rajasthan State Pollution Control Board is promoting award system for CETPs, a voluntary tool for enhancing performance of CETPs in the State. The programme is aimed for creating an eco system, where, CETPs voluntarily will perform better than the prescribed regulatory norms and set higher goal for improvement as well as get suitably rewarded and motivated for better results. The CETPs are encouraged to participate in the award system on voluntary basis.

**(iii) Periodicity:** once in every two years.

**(iv) Evaluation**

The award system will evaluate the participating entities at facility level, based on their environmental performance, compliance of the prescribed regulatory norms and whether the entities have made effort to perform better than the prescribed standards. Besides the above, parameters such as efficiency in terms of energy, water etc., share of renewable energy in the overall energy mix, performance of the CETPs on social front in CSR, development work in the local communities etc. will

also be important part of the rating system for holistic evaluation of the overall environmental performance.

**The performance of CETPs for Rating purpose is divided into two categories:-**

- 1. Performance of CETPs up to tertiary level including primary and secondary treatment and conveyance system.**
- 2. Performance of zero liquid disposal (ZLD) facilities installed by CETPs.**

**(v) Basic Eligibility Criteria for Participation**

1. CETP should be operative.
2. CETP should have valid Consent to Operate under the Water (Prevention and Control of Pollution) Act 1974 and Authorization under Hazardous and Other Waste (Management and Trans-boundary Movement) Rules 2016.
3. CETP has installed Online Continuous Effluent Monitoring System (OCEMS) and configured with Board's server.

**(vi) Jury:** An independent jury of the subject experts from eminent academic institutions will evaluate and decide the winners.

**(vii) Rating Parameters**

**A. Performance of CETPs up to tertiary level including primary and secondary treatment and conveyance system.**

<b>S. No.</b>	<b>Parameters</b>	<b>Maximum Points</b>
1.	Conveyance System	100
2.	Percentage Capacity Utilization	100
3.	Compliance	150
4.	Hazardous Waste Management & Disposal	100
5.	Innovation and Development	150
6.	Energy Efficiency	100
7.	Use of Renewable Energy	100
8.	Monitoring & Compliance by Member Units Monitored through SCADA.	100

9.	CSR Activities Undertaken by the CETPs in last One Year in the Field of Improvement/ Education/Awareness related to Environment.	100
10.	Housekeeping and Green Belt Development.	150
11.	Data Quality and Transmission of OCEMS Data	100
	<b>Total Marks</b>	<b>1250</b>

**B. Performance of zero liquid disposal facilities installed by CETPs.**

<b>S. No.</b>	<b>Parameters</b>	<b>Maximum Points</b>
1.	Percentage Recycling of Treated Waste Water	100
2.	Distribution network for supplying treated waste water	150
3.	Hazardous Waste Management in Terms of Disposal of MEE Salt.	100
4.	Innovation and Development	150
5.	Energy Efficiency	100
6.	Use of Renewable Energy	100
7.	Data Quality and Transmission of OCEMS Data	100
8.	Reject Management System	100
	<b>Total Marks</b>	<b>900</b>

**Note:**

1. For evaluation of ZLD facilities marking criteria will be as under:-
  - a. 75% weightage of performance of CETPs up to tertiary level.
  - b. 25% weightage of performance of ZLD.
2. To be eligible for award, the applicant should score minimum 50% marks, as per the evaluation criteria. Details of the award evaluation shall be given in the application for the award.
3. The detailed evaluation criteria is enclosed as Annexure-A & B.

## **SECTION-II (MUNICIPAL STPs)**



**(i) Introduction**

In the State of Rajasthan presently 109 STPs are operating and more are expected to come up in coming years. The STPs are operating by different government agencies like ULBs, UDH, RUIDP, RHB and RUDSICO.

The State Board endeavors to ensure efficient operations of STPs so as to achieve the stringent parameters prescribed by the Hon'ble NGT. To achieve the goal, State Board is following all statutory requirements. To encourage STPs for further improving their efficiencies, State Board has decided to come up with awards for STPs. The award to STPs is expected to develop healthy competition among the Government Agencies to excel in their STP's operations and improve their performance.

This will create an environmental management landscape where the STPs can improve their environmental performance voluntarily and set higher goals for their improvement and rewarded for better results.

**(ii) About the award:**

Rajasthan State Pollution Control Board is promoting award system for STPs, a voluntary tool for enhancing performance of STPs in the State. The programme is aimed for creating an eco system, where, STPs voluntarily will perform better than the prescribed regulatory norms and set higher goal for improvement as well as get suitably rewarded and motivated for better results. The STPs are encouraged to participate in the award system on voluntary basis.

**(iii) Periodicity:** once in every two years.

**(iv) Evaluation**

The award system will evaluate the participating entities at facility level, based on their environmental performance, compliance of the prescribed regulatory norms and whether the entities have made effort to perform better than the prescribed standards. Besides the above, parameters such as efficiency in terms of energy, water etc., share of renewable energy in the overall energy mix, reuse of treated

waste water, technology adopted etc. will also be important part of the rating system for holistic evaluation of the overall environmental performance.

**(v) Basic Eligibility Criteria for Participation**

1. STP should be operative.
2. STP should have valid Consent to Operate under the Water (Prevention and Control of Pollution) Act 1974 and/or Air (Prevention and Control of Pollution) Act 1981.
3. STP has installed Online Continuous Effluent Monitoring System (OCEMS) and configured with Board's server.

**(vi) Jury:** An independent jury of the subject experts from eminent academic institutions will evaluate and decide the winners.

**(vii) Rating Parameters**

<b>S. No.</b>	<b>Parameters</b>	<b>Maximum Points</b>
1.	Connectivity of house hold connection	100
2.	Technology	100
3.	Compliance	150
4.	Disposal/use of treated waste water	150
5.	Innovation and Development	150
6.	Energy Efficiency	100
7.	Use of Renewable Energy	100
8.	Housekeeping and Green Belt Development.	150
9.	Installation of OCEMS	100
10.	Data Quality and Transmission of OCEMS Data	100
11.	Sludge handling practices	200
	<b>Total Marks</b>	<b>1400</b>

**Note:**

1. To be eligible for award, the applicant should score minimum 50% marks, as per the evaluation criteria. Details of the award evaluation shall be given in the application for the award.
2. The detailed evaluation criteria is enclosed as Annexure-C.

## **SECTION –II**

## AWARDS

- **Recognition for Best CETP**

- (i) One best CETP under each category will be given award i.e. Platinum Medal at an event to be organized by the State Board.
- (ii) **Cash Award**:- The Cash Award as per following will be given during the Award Ceremony, the amount **can be utilized for up-gradation/innovation at the awarded CETP. In case of tie, prize money to be distributed equally.**
  - **Platinum Medal** – Cash Prize of Rs. 21.00 Lacs.

- **Recognition for Best STPs**

- (i) Two best STPs will be given awards i.e. Platinum & Gold Medal respectively at an event to be organized by the State Board.
- (ii) **Cash Award**:- The Cash Award as per following will be given during the Award Ceremony, the amount **can be utilized for up-gradation/innovation at the awarded STPs. In case of tie, prize money to be distributed equally.**
  - **Platinum Medal** – Cash Prize of Rs. 21.00 Lacs.
  - **Gold Medal**- Cash Prize of Rs. 11.00 Lacs.

- **Enrollment and timelines:**

S. No.	Activity	Time period
1.	The participants can enroll for award by filling up the enrollment form (downloadable from Board's website) and send it through e-mail to RSPCB.	15th April 2023- 15th May 2023
2.	Examination by expert committee	15th May 2023- 31st May 2023
3.	Award ceremony	5th June 2023

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## RATING CRITERIA - CETP UP TO TERTIARY LEVEL

S.No	Main Criteria	Maximum weightage	Parameters for evaluation	Maximum Points	Documentry Requirement
1.	Conveyance System	100	Close conduit pipelines and its manholes	30	A detailed note should be submitted along with supportive documents/photographs.
			Upkeep/maintenance of conveyance system/pumping stations	10	A detailed note should be submitted along with supportive documents/photographs.
			Vigilance system & response mechanism to prevent illegal discharge in drain as well as to rectify any overflow	20	A detailed note should be submitted along with supportive documents/photographs.
			Covered Manholes	10	Photographs/RO verification
			Mechanism to prevent illegal connection with conveyance system	20	Enclose the medhodoxy
			Leak detection mechanism	10	Enclose the medhodoxy
2.	Percentage Capacity utilization (in terms of total allowed quantity of effluent as per Consent to Operate issued by RSPCB to member units)	100	Above 80%	100	Screen shots of SCADA and OCEMS data w.r.t. flow and total approved quantity of discharge as per CTO
			60%- 80%	80	
			40%-59%	60	
			20%-39%	40	
			Below 20%	0	
3.	Compliance	150	Valid Consent to Operate	30	Enclosed self attested documents with supporting evidences
			Valid Authorization under HW Rules	30	
			No. of point wise compliance report of CTO conditions against prescribed	30	
			No. of point wise compliance report of HW Authorization conditions against prescribed	30	
			Analysis results of last three samplings done by RSPCB are within the prescribed norms	30	
4.	Hazardous Waste Management & Disposal	100	Regular disposal of HW as per norms	50	Manifest record (disposal at user's end/receipt of CTDF)
			Safe storage site for HW	25	RO verification
			HW being sent to co-processing in Cement Plants or any other gainful use	25	Authorization for co-processing issued by RSPCB

S.No	Main Criteria	Maximum weightage	Parameters for evaluation	Maximum Points	Documentry Requirement
5.	Innovation and Development	150	Technolgy upgradation	150	Enclose the wirt up
			Improvement in O & M		
			Efforts made by CETP to reuse of treated waste water in gainful purposes		
			Innovations in SCADA operations		
			Consistent improvement in parameters of treated waste water		
6.	Energy Efficiency*	100	Electricity consumption in treatment of per MLD effluent (Lowest 1)	100	Propoer pie chart with statement issued by electricity supplying agency
			Electricity consumption in treatment of per MLD effluent (Lowest 2)	80	
			Electricity consumption in treatment of per MLD effluent (Lowest 3)	60	
7.	Use of Renewable Energy	100	Contribution of Solar/Wind Energy (more than 50% of connected load)	100	Propoer pie chart with statement issued by electricity supplying agency
			Contribution of Solar/Wind Energy ( 25% to 50% of connected load)	50	
			Contribution of Solar/Wind Energy ( 10% to 24% of connected load)	30	
			Contribution of Solar/Wind Energy (less than 10% of connected load)	0	
8.	Monitoring & Compliance by Member Units Monitored through SCADA.	100	Functional SCADA with electromegnatic meters at member units	15	Screen shots / documents related to SCADA
			Command & Control Center of CETP to monitor the SCADA operations	15	
			Mechanism to prevent exceedance of effluent discharge from allowed quantity	20	
			Response team/ Call centre constituted by CETP for taking immediate action on exceedances	20	
			Fully authomatic system - without human interventions	20	
			Reconciliation of SCADA flow meters data of member units with CETP inlet	10	

S.No	Main Criteria	Maximum weightage	Parameters for evaluation	Maximum Points	Documentry Requirement
9.	CSR Activities Undertaken by the CETPs in last One Year in the Field of Improvement/ Education/Awareness in the Field of Environment.	100	Jury's prerogative	100	A detailed note should be submitted along with supportive documents/photographs.
10.	Housekeeping and Green Belt Development.	150	Jury's prerogative	150	A detailed note should be submitted along with supportive documents/photographs.
11.	Data Quality and Transmission of OCEMS Data	100	Regular data transmission (>85%)- in last 4 months	25	Report generated by OCEMS portal of RSPCB
			Exceedances (If not more than 10 per month)	25	
			Remedial action taken on exceedances of OCEMS results by CETP	25	
			Correlation between flow measured by SCADA and OCEMS servers at inlet/outlet	25	
<b>Total Marks</b>		<b>1250</b>			

\* Performance by each CETP participants with respect to consumption of electricity per MLD of trade effluent treated will be compared and rated.

**NOTE: Evaluation will be carried out based on data furnish for the period of 1st Jan 2023 to 30th April 2023**

## Rating Criteria - Zero Liquid Disposal facilities installed by CETPs

S.No.	Main Criteria	Maximum weightage	Parameters for evaluation	Maximum Points	Documentry Requirement
1	Percentage Recycling of Treated Waste Water	100	Above 90%	100	Logbook of RO plant and verification report of Regional Officer
			81%- 90%	80	
			71%- 80%	60	
			61%- 70%	50	
			Below 60%	40	
2	Distribution network for supplying treated waste water	150	Only close conduit pipelines to supply treated effluent up to member units	150	A detailed note should be submitted along with supportive documents/photographs.
			Close conduit pipeline and tankers both type mechanism to supply treated effluent up to member units	100	
			Only tankers to supply treated effluent up to member units	75	
3	Hazardous Waste Management in Terms of Disposal of MEE Salt.	100	Reuse in process with appropriate authorization of RSPCB	100	Manifests record, Log books and verification report of Regional Officer
			Disposed through CTFD with appropriate authorization of RSPCB	75	
4	Innovation and Development	150	Jury's prerogative	150	A detailed note should be submitted along with supportive documents/photographs.
5	Energy Efficiency*	100	Electricity consumption in treatment of per MLD effluent (Lowest 1)	100	Proper pie chart with statement issued by electricity supplying agency
			Electricity consumption in treatment of per MLD effluent (Lowest 2)	80	
			Electricity consumption in treatment of per MLD effluent (Lowest 3)	60	
6	Use of Renewable Energy	100	Contribution of Solar/Wind Energy (more than 50% of connected load)	100	Proper pie chart with statement issued by electricity supplying agency
			Contribution of Solar/Wind Energy ( 25% to 50% of connected load)	50	



S.No.	Main Criteria	Maximum weightage	Parameters for evaluation	Maximum Points	Documentry Requirement
			Contribution of Solar/Wind Energy ( 10% to 24% of connected load)	30	
			Contribution of Solar/Wind Energy (less than 10% of connected load)	0	
7	Data Quality and Transmission of OCEMS Data	100	Configuration of PTZ camera and flow meters with RSPCB server	50	Report generated by OCEMS portal of RSPCB
			Regular data transmission (>85%)- in last 4 months	25	
			Remedial action taken on the basis of OCEMS results by the CETP	25	
8	Reject Management System	100	Disposal of RO reject through MEE/MVR	100	Detailed note with photographs
			Partly through MEE/MVR and partly through SEP	70	
			Only through SEP	50	
	<b>Total</b>	<b>900</b>			
* Performance by each CETP participants with respect to consumption of electricity per MLD of trade effluent treated will be compared and rated.					
<b>NOTE: Evaluation will be carried out based on data furnish for the period of 1st Jan 2023 to 30th April 2023</b>					

Rating Criteria - Sewage Treatment Plants					
S.No.	Main Criteria	Maximum weightage	Parameters for evaluation	Maximum Points	Documentry Requirement
1	Connectivity of house hold connection	100	Above 80%	100	Duly certified data not below the rank of Commissioner/EO, logbook of inlet of STP and verification report of Regional Office
			60%- 80%	80	
			40%-59%	60	
			20%-39%	40	
			Below 20%	0	
2	Technology	100	SBR and other advance technology	100	Approved design of STP & a detailed note should be submitted along with supportive documents/photographs.
			ASP	75	
			WSP and other primitive technology	50	
3	Compliance	150	Valid Consent to Operate	50	Enclosed self attested documents with supporting evidences
			No. of Submission of point wise compliance report of CTO conditions against prescribed	30	
			Analysis results of last three samplings by RSPCB are within the prescribed norms	70	
4	Disposal/Use of treated waste water	150	Entire treated waste water is being supplied to any industry for using it in industrial purpose through close conduit pipelines	150	Enclosed self attested documents with supporting evidences & RO verification report
			Part of (50% or more) treated waste water supplied to Gardening and Plantation in nearby areas through close conduit pipelines	100	
			Supply for irrigation (Discharge in canal/river)	75	
			Discharge outside (no use)	50	
5	Innovation and Development	150	Jury's prerogative	150	Enclose the wirte up

S.No.	Main Criteria	Maximum weightage	Parameters for evaluation	Maximum Points	Documentry Requirement
6	Energy Efficiency*	100	Electricity consumption in treatment of per MLD effluent (Lowest 1)	100	Propoer pie chart with statement issued by electricity supplying agency
			Electricity consumption in treatment of per MLD effluent (Lowest 2)	80	
			Electricity consumption in treatment of per MLD effluent (Lowest 3)	60	
7	Use of Renewable Energy	100	Contribution of Solar/Wind Energy (more than 50% of connected load)	100	Propoer pie chart with statement issued by electricity supplying agency
			Contribution of Solar/Wind Energy ( 25% to 50% of connected load)	50	
			Contribution of Solar/Wind Energy ( 10% to 24% of connected load)	30	
			Contribution of Solar/Wind Energy (less than 10% of connected load)	0	
8	Housekeeping and Green Belt Development.	150	Jury's prerogative	150	A detailed note should be submitted along with supportive documents/photographs.
9	Installation of OCEMS	100	Installtion of OCEMS for all applicable parameters	70	Screen shots of OCEMS portal
			Configuration of OCEMS with RSPCB server	30	
10	Data Quality and Transmission of OCEMS Data	100	Regular data transmission (>85%)- in last 4 months	50	Report generated by OCEMS portal of RSPCB
			Remedial Action taken on the basis of OCEMS results by the responsible agency	50	
11	Sludge handling practices	200	Bio gas production and bottling	200	A detailed note should be submitted along with supportive documents/photographs.
			Composting	100	
			Dumping	0	
<b>Total</b>		<b>1400</b>			
<b>* Performance by each CETP participants with respect to consumption of electricity per MLD of trade effluent treated will be compared and rated.</b>					
<b>NOTE: Evaluation will be carried out based on data furnish for the period of 1st Jan 2023 to 30th April 2023</b>					



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4, Institutional Area, Paryavaran Marg, Jhalana Doongari, Jaipur-302004. Rajasthan

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## **APPLICATION FORM**

**“AWARD SCHEME-2023”  
FOR  
COMMON EFFLUENT TREATMENT PLANTS (CETPs)**

**(ASSESSMENT PERIOD-01.01.23 TO 30.04.23)**



**RAJASTHAN STATE POLLUTION CONTROL BOARD**

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### PART-I

(APPLICABLE ON TERTIARY AND ZLD BOTH)

S. No.	Basic information	Particulars
1.	Name of Organisation	
2.	Address	
3.	Name of Head of Organisation	
4.	Contact number	
5.	E-mail	
6.	Location of CETP	
7.	Capacity	
8.	Date of commencement	
9.	Number of connected member units	
10.	Type of member units (Steel/Textile/Mixed/Food/Others)	
11.	Operational Status	
12.	ZLD status (Yes/ No)	
13.	Details of ongoing up-gradation, if any	
14.	Name of company who is responsible for O & M	
15.	Details of technical head of CETP site	
16.	Contact number of technical head of CETP site	
17.	Status of conveyance system for carrying effluent (Open/closed)	
18.	Validity of Consent to Operate	
19.	Validity of authorization under HW Rules	
20.	SCADA system installed(Yes/No)	
21.	OCEMS installed & configured(Yes/No)	



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E-mail: [member-secretary@rpcb.nic.in](mailto:member-secretary@rpcb.nic.in)

## PART-II

(APPLICABLE ON THE CETPs UP TO TERTIARY LEVEL)

S.No.	Criteria	Information	Documents required
<b>Conveyance System</b>			
1.	Close conduit pipelines and its manholes	Please mention the details.	Detailed note along with supportive documents/ photographs.
2.	Upkeep/maintenance of conveyance system/pumping stations	Please mention the details.	
3.	Vigilance system & response mechanism to prevent illegal discharge in drain as well as to rectify any overflow.	Please mention the details.	
4.	Covered Manholes.	Please mention the details.	
5.	Mechanism to prevent illegal connection with conveyance system.	Please mention the details.	
6.	Leak detection mechanism.	Please mention the details.	
<b>Capacity Utilization</b>			
7.	Designed capacity of CETP.	----- MLD	Enclose relevant documents.
8.	Total allowed quantity of effluent as per consent to operate issued by RSPCB to member units	----- MLD	
9.	Average inflow of effluent at inlet of CETP	----- MLD (as per SCADA)	
		----- MLD (as per OCEMS/ flow meter)	
10.	Percentage Capacity Utilization	.....%	
<b>Compliances</b>			
11.	Status of Consent to Operate	Valid/Expired/Pending/Not applied	Enclose a self certified copy.
12.	Consent to Operate obtained	Water Act/Air Act/Both	



## RAJASTHAN STATE POLLUTION CONTROL BOARD

4, Institutional Area, Paryavaran Marg, Jhalana Doongari, Jaipur-302004. Rajasthan

Phone: 0141-2711263

E-mail: [member-secretary@rpcb.nic.in](mailto:member-secretary@rpcb.nic.in)

	under		
13.	Validity of Consent to Operate	Please mention the details.	
14.	Validity of Authorization under Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2016	Please mention the details.	
15.	Number of submission of point wise compliance report of CTO conditions against prescribed frequency.	Please mention the details.	Enclose a self certified copy with proof of submission.
16.	Number of submission of point wise compliance report of HW Authorization conditions against prescribed norms.	Please mention the details.	
17.	Analysis results of last three samplings done by RSPCB are within the prescribed norms or not.	Please mention the details.	Enclose a self certified copy with comparative statement.
<b>Hazardous Waste Management &amp; Disposal</b>			
18.	Regular disposal of HW as per norms	Please mention the details.	Enclose statement of back period with copies of manifests records. Disposal at user's end and receipt of CTDF.
19.	Safe storage site for HW	Please mention the details.	Detailed note along with supportive documents/ photographs
20.	HW being sent to co-processing in Cement Plants or any other gainful use	Please mention the details.	
<b>Innovation and Development</b>			
21.	Innovation and Development	Please mention the details covering the points related to technology upgradation, improvement in O & M, efforts made by CETP to reuse of treated waste water in gainful purposes, innovations in SCADA operations, consistent improvement in parameters	Detailed note along with supportive documents/ photographs evidences.



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		of treated waste water	
<b>Energy Efficiency</b>			
22.	Average electric consumption of CETP	-----KW	Proper pie chart with statement issued by electricity supplying agency.
23.	Electric consumption in treatment of waste water	-----KW/MLD	Proper pie chart with statement issued by electricity supplying agency.
<b>Use of Renewable Energy</b>			
24.	Capacity of solar/wind plant	Please mention the details	Proper pie chart with statement issued by electricity supplying agency.
25.	Connected load of CETP by electric supply agency	Please mention the details	
26.	Captive generation through solar/wind plant	Please mention the details	
27.	Percentage of contribution of solar/wind energy in view of connected load	Please mention the details	
<b>Monitoring &amp; compliance by member units monitored through SCADA</b>			
28.	Functional SCADA with electromagnetic meters at member units	Yes/No	Detailed note on SCADA along with supportive documents/photographs evidences.
29.	Command & Control Centre of CETP to monitor the SCADA operations	Yes/No	
30.	Mechanism to prevent exceedance of effluent discharge from allowed quantity	Please mention the details	
31.	Response team/Call centre constituted by CETP for taking immediate action on exceedances	Please mention the details	
32.	Fully automatic system - without human interventions	Yes/No	
33.	Reconciliation of SCADA Flow Meters Data of Member Units	Yes/No	





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	with CETP inlet.		
34.	CSR Activities undertaken by the CETP in last One Year in the Field of Improvement/Education/Awareness in the Field of Environment.	Please mention the details	Detailed note along with supportive documents/ photographs evidences.
35.	Housekeeping and Green Belt Development.	Please mention the details	Detailed note along with supportive documents/ photographs evidences.

### Data Quality and Transmission of OCEMS Data

36.	Regular data transmission (>85%)- in last 4 months	Please mention the details	Detailed note on OCEMS status along with supportive documents/ photographs evidences.
37.	Exceedances	.....per month	
38.	Remedial action taken on exceedances of OCEMS results by CETP.	Please mention the details	
39.	Correlation between Flow Meters by SCADA and OCEMS servers at inlet/outlet.	Avg. flow at OCEMS- Avg. flow at SCADA-	

### Undertaking

I /we \_\_\_\_\_ (Son/Daughter/Spouse) of Mr./Mrs. \_\_\_\_\_, resident of \_\_\_\_\_ do hereby affirm and self-declare as under:

1. That I am the trustee/director of the CETP \_\_\_\_\_
2. I am duly authorized to sign an application and details and documents submitted in this application.
3. I/We acknowledge that application is a process to identify and shortlist the beneficiary of the respective award.
4. I/We also understand that based on the application, shortlisting process, and due diligence the respective prize will be awarded by RSPCB.
5. I/We understand that RSPCB may cancel the application process at any time. The RSPCB reserves the complete right to cancel the scheme and reject any or all of the applications at any stage.
6. I/we undertake to furnish any additional information/documents/record within one day whenever asked by the jury.
7. That the Information, statements, and documents given herein are to the best of my knowledge & belief, true and correct in all particulars. That if any difference will be found later in my statement in respect of above-mentioned application then I shall be responsible for the same and understand that I will not be awarded the respective benefit under the scheme.
8. All information provided in the application and in the enclosures is true and correct.

Signature:  
Name and Title of Signatory:  
Seal



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## PART-III

(APPLICABLE ON ZERO LIQUID DISPOSAL FACILITIES INSTALLED BY CETPs)

S.No.	Criteria	Information	Documents required
<b>Percentage Recycling of Treated Waste Water</b>			
1.	Designed capacity of ZLD plant	-----MLD	Detailed note along with supportive documents/ photographs
2.	Status of R.O. Plant	Stage-I Stage-II Stage-III	
3.	Average quantity of RO permeate	-----MLD	
4.	Average quantity of recycling of RO permeate	-----MLD	
5.	Percentage recycling	.....%	
<b>Distribution network for supplying treated waste water</b>			
6.	Mode of supply of treated effluent up to member units	1. Through close conduit pipeline only 2. Through close conduit pipeline and tankers both. 3. Through tankers only	Detailed note along with supportive documents/ photographs
<b>Hazardous Waste Management in Terms of Disposal of MEE Salt</b>			
7.	Mode of disposal of MEE salt	Please mention the details	Enclose copy of authorization under HW Rules issued by RSPCB for disposal of MEE salt with copies of manifests.
<b>Innovation and Development</b>			
8.	Innovation and Development	Please mention the details	Detailed note along with supportive documents/ photographs evidences.
<b>Energy Efficiency</b>			
9.	Average electric consumption of ZLD plant	-----KW	Proper pie chart with statement issued by electricity supplying agency
10.	Electric consumption in operation of ZLD plant	-----KW/MLD	Proper pie chart with statement issued by electricity supplying agency



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## Use of Renewable Energy

11.	Capacity of solar/Wind plant	Please mention the details	Proper pie chart with statement issued by electricity supplying agency
12.	Connected load of CETP by electric supply agency	Please mention the details	
13.	Captive generation through solar/wind plant	Please mention the details	
14.	Percentage of contribution of solar/wind energy in view of connected load	Please mention the details	

## Data Quality and Transmission of OCEMS Data

15.	Configuration of PTZ camera and flow meters with RSPCB server	Please mention the details	Detailed note on OCEMS status along with supportive documents/photographs evidences.
16.	Regular data transmission (>85%) - in last 4 months	Please mention the details	
17.	Exceedances	.....per month	
18.	Remedial Action taken on the basis of OCEMS results by CETP.	Please mention the details	

## Reject Management System

19.	Mode of disposal of RO reject	1. Only by MEE/MVR 2. Partly by MEE/MVE+Partly by Solar evaporation ponds 3. Only Solar evaporation ponds	Detailed note on RO reject disposal mechanism along with supportive documents/photographs evidences.
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## Undertaking

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1. That I am the trustee/director of the CETP \_\_\_\_\_
2. I am duly authorized to sign an application and details and documents submitted in this application.
3. I/We acknowledge that application is a process to identify and shortlist the beneficiary of the respective award.
4. I/We also understand that based on the application, shortlisting process, and due diligence the respective prize will be awarded by RSPCB.
5. I/We understand that RSPCB may cancel the application process at any time. The RSPCB reserves the complete right to cancel the scheme and reject any or all of the applications at any stage.



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6. That the Information, statements, and documents given herein are to the best of my knowledge & belief, true and correct in all particulars. That if any difference will be found later in my statement in respect of above-mentioned application then I shall be responsible for the same and understand that I will not be awarded the respective benefit under the scheme.
7. I/we undertake to furnish any additional information/documents/record within one day whenever asked by the jury.
8. All information provided in the application and in the enclosures is true and correct.

Authorized Signature:

Name and Title of Signatory:

Seal :

### Note:

1. **This award scheme is only to develop healthy competition among the CETPs to excel in their operations and improve their performance and cash prize can be utilized for up-gradation/innovation at the awarded CETPs.**
2. **Please send the duly filled Application Form in hard copy to the Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, Jaipur, as per the prescribed format during 15<sup>th</sup> April 2023- 15<sup>th</sup> May 2023. No applications will be accepted after 15<sup>th</sup> May 2023.**
3. **Application should be in the prescribed format and include all desired information. However you are free to add any other information that you may feel is relevant to the scheme.**
4. **The performance will be evaluated on the basis of rating criteria mentioned in the Award scheme and information/documents submitted by the applicants.**
5. **Platinum award will be valid for two years only. However, RSPCB can initiate any legal action against the awarded CETP in case of non compliance observed.**

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# **APPLICATION FORM**

**“AWARD SCHEME-2023”  
FOR  
MUNICIPAL SEWAGE TREATMENT PLANTS (STPs)**

**(ASSESSMENT PERIOD-01.01.23 TO 30.04.23)**



**RAJASTHAN STATE POLLUTION CONTROL BOARD**

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<b>S. No.</b>	<b>Basic information</b>	<b>Particulars</b>
1.	Name of Organisation	
2.	Address	
3.	Name and designation of Head of Organisation (HOD)	
4.	Contact number	
5.	E-mail	
6.	Location of STP	
7.	Capacity	
8.	Date of commencement	
9.	Operational Status	
10.	Technology	
11.	Details of ongoing up-gradation, if any	
12.	Name of company who is responsible for O & M	
13.	Details of technical head of STP	
14.	Contact number of technical head of STP	
15.	Validity of Consent to Operate	
16.	OCEMS installed & configured(Yes/No)	

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S.No.	Criteria	Information	Documents required
<b>Connectivity of house hold connections</b>			
1.	Designed capacity of STP	----- MLD	Enclose relevant documents.
2.	Total number of household connections to be connected with STP		
3.	Number of household connections actually connected with STP		
4.	Present operational capacity	----- MLD	
5.	Average inflow of sewage at inlet of STP	----- MLD	
6.	Percentage Capacity Utilization	.....%	
<b>Technology</b>			
7.	Technology of STP	Please mention details	Enclose a detailed note with supporting evidences.
<b>Compliances</b>			
8.	Status of Consent to Operate	Valid/Expired/Pending/Not applied	Enclose a self certified copy.
9.	Consent to Operate obtained under	Water Act/Air Act/Both	
10.	Validity of Consent to Operate	Please mention the details.	
11.	Number of submission of point wise compliance report of CTO conditions against prescribed frequency.	Please mention the details.	Enclose a self certified copy with proof of submission.
12.	Analysis results of last three samplings done by RSPCB	Please mention the details.	Enclose a self certified copy with comparative



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	are within the prescribed norms or not.		statement.
<b>Disposal/Use of Treated Waste Water</b>			
13.	Average quantity of treated waste water being supplied to industry through close conduit pipe lines.	Please mention the details.	Enclose a detailed note with copy of Logbook.
14.	Average quantity of treated waste water being supplied for gardening and plantation to nearby areas through close conduit pipe lines.	Please mention the details.	
15.	Average quantity of treated waste water being supplied for irrigation(through Canal/River).	Please mention the details.	
16.	Discharge of treated waste water outside(No use).	Please mention the details.	
<b>Innovation and Development</b>			
17.	Innovation and Development	Please mention the details covering the points related to technology up-gradation, improvement in O & M, efforts made by STP to reuse of treated waste water in gainful purposes, innovations in STP operations, consistent improvement in parameters of treated waste water.	Detailed note along with supportive documents/ photographs evidences.
<b>Energy Efficiency</b>			
18.	Average electric consumption of STP	----- KW	Proper pie chart with statement issued by electricity supplying agency.
19.	Electric consumption in treatment of waste water	----- KW/MLD	Proper pie chart with statement issued by electricity supplying agency.





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## Use of Renewable Energy

20.	Capacity of solar/wind plant	Please mention the details.	Proper pie chart with statement issued by electricity supplying agency.
21.	Connected load of STP by electric supply agency	Please mention the details.	
22.	Captive generation through solar/wind plant	Please mention the details.	
23.	Percentage of contribution of renewable energy in view of connected load	Please mention the details.	
24.	Housekeeping and Green Belt Development.	Please mention the details	Detailed note along with supportive documents/ photographs evidences

## Installation of OCEMS

25.	OCEMS installed for all applicable parameters.	Please mention the details	Detailed note along with supportive documents/ photographs evidences
26.	Configuration of OCEMS with RSPCB Server.	Please mention the details	Detailed note along with supportive documents/ photographs evidences

## Data Quality and Transmission of OCEMS Data

27.	Regular data transmission (>85%) - in last 4 months	Please mention the details	Detailed note on OCEMS status along with supportive documents/ photographs evidences.
28.	Exceedances	.....per month	
29.	Remedial action taken on exceedances of OCEMS results by the responsible agency.	Please mention the details	

## Sludge Handling Practices

30.	Disposal of Sludge Generated from STP.	Bio-Gas Production and Bottling(Yes/No) Composting Dumping	Enclose detail note.
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## Undertaking

I /we \_\_\_\_\_ (Son/Daughter/Spouse) of Mr./Mrs. \_\_\_\_\_, resident of \_\_\_\_\_  
\_\_\_\_\_ do hereby affirm and self-declare as under:

1. That I am the authorized person of the STP \_\_\_\_\_
2. I am duly authorized to sign an application and details and documents submitted in this application.
3. I/We acknowledge that application is a process to identify and shortlist the beneficiary of the respective award.
4. I/We also understand that based on the application, shortlisting process, and due diligence the respective prize will be awarded by RSPCB.
5. I/We understand that RSPCB may cancel the application process at any time. The RSPCB reserves the complete right to cancel the scheme and reject any or all of the applications at any stage.
6. I/we undertake to furnish any additional information/documents/record within one day whenever asked by the jury.
7. That the Information, statements, and documents given herein are to the best of my knowledge & belief, true and correct in all particulars. That if any difference will be found later in my statement in respect of above-mentioned application then I shall be responsible for the same and understand that I will not be awarded the respective benefit under the scheme.
8. All information provided in the application and in the enclosures is true and correct.

Signature:

Name and Title of Signatory:

Seal

### Note:

1. **This award scheme is only to develop healthy competition among the STPs to excel in their operations and improve their performance and cash prize can be utilized for up-gradation/innovation at the awarded STPs.**
2. **Please send the duly filled Application Form in hard copy to the Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, Jaipur, as per the prescribed format during 15<sup>th</sup> April 2023- 15<sup>th</sup> May 2023. No applications will be accepted after 15<sup>th</sup> May 2023.**
3. **Application should be in the prescribed format and include all desired information. However you are free to add any other information that you may feel is relevant to the scheme.**
4. **The performance will be evaluated on the basis of rating criteria mentioned in the Award scheme and information/documents submitted by the applicants.**
5. **Platinum and Gold awards will be valid for two years only. However, RSPCB can initiate any legal action against the awarded STP in case of non compliance observed.**

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