

EXHIBIT IV - CONCESSION SPECIFICATIONS



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1. GENERAL CONSIDERATIONS

This CONCESSION SPECIFICATIONS sets forth general technical specifications for the CONCESSIONAIRE's activities, compliance with which is mandatory during the the services provision, without prejudice to other obligations directly or indirectly related to the same ADMINISTRATIVE CONCESSION CONTRACT ("CONTRACT").

The CONCESSIONAIRE shall be responsible for the SERVICES throughout the entire SERVICE PROVIDER'S COVERAGE AREA.

The CONCESSIONAIRE's obligations shall extend to the entire urban and contiguous area of the MUNICIPALITIES, as well as to districts and localities with water supply systems operated by and to be implemented by CAGECE, as indicated in **Table 1** below.

Table 1 - MUNICIPALITIES, Districts, and Localities included in the Service Provider's Coverage Area.

No.	Municipality	District(s)	Locality(ies)
1	Abaiara	Abaiara	Abaiara (Headquarter)
2	Acarape	Acarape	Acarape (Headquarter)
			Cantagalo
			Carro Atolado
			Pau Branco
			Riachão do Norte
3	Acaraú	Acaraú	Acaraú (Headquarter)
4	Acopiara	Acopiara	Acopiara (Headquarter)
5	Alcântaras	Alcântaras	Alcântaras (Headquarter)
6	Altaneira	Altaneira	Altaneira (Headquarter)
7	Alto Santo	Alto Santo	Alto Santo (Headquarter)
8	Antonina do Norte	Antonina do Norte	Antonina do Norte (Headquarter)
		Taboleiro	Riacho Grande
9	Apuiarés	Apuiarés	Apuiarés (Headquarter)
10	Aracati	Aracati	Aracati (Headquarter)
			Baixio
			Canavieira
			Canoa Quebrada
			Cumbé
			Córrego Nova Esperança
			Majorlândia
			Pedra Redonda
			Quixaba
			Volta
		Barreira dos Vianas	Boca do Forno
Cabreiro	Cabreiro		
	Taboleiro		
11	Aracoiaba		Aracoiaba (Headquarter)
			Baixio



No.	Municipality	District(s)	Locality(ies)
		Aracoiaba	Batimbal
			Caninha
			Encosta
			Oiticica
		Ideal	Capivara
			Ideal
		Jenipapeiro	Jenipapeiro
		Lagoa de São João	Agrovila de São João
			Lagoa de São João
		Vazantes	Vazantes
12	Ararendá	Ararendá	Ararendá (Headquarter)
13	Araripe	Araripe	Araripe (Headquarter)
		Alagoinha	Alagoinha
		Pajeú	Pajeú
			Baixo do Lima
			Campina
14	Aratuba	Aratuba	Aratuba (Headquarter)
15	Arneiroz	Arneiroz	Arneiroz (Headquarter)
16	Assaré	Assaré	Assaré (Headquarter)
17	Aurora	Aurora	Aurora (Headquarter)
		Ingazeiras	Ingazeiras
18	Baixio	Baixio	Baixio (Headquarter)
19	Barreira	Barreira	Barreira (Headquarter)
			Batalha
			Cajueiro
		Córrego	Córrego
		Lagoa Grande	Cocos
			Lagoa Grande
20	Barro	Barro	Barro (Headquarter)
		Iara	Iara
21	Barroquinha	Araras	Araras
		Barroquinha	Barroquinha (Headquarter)
			Lagoa do Mato
		Bitupitá	Bitupitá
22	Baturité	Baturité	Baturité (Headquarter)
23	Beberibe	Beberibe	Beberibe (Headquarter)
			Choro
			Morro Branco
		Parajuru	Parajuru
		Serra do Félix	Serra do Félix
24	Bela Cruz	Bela Cruz	Bela Cruz (Headquarter)
			Cedro
			Salinas
			Santa Rosa
25	Campos Sales	Campos Sales	Campos Sales (Headquarter)
26	Capistrano	Capistrano	Capistrano (Headquarter)
27	Caridade	Campos Belos	Campos Belos
		Caridade	Caridade (Headquarter)
			Pedra Branca
			Pereiros
28	Cariré	Cariré	Cariré (Headquarter)
29	Carnaubal	Carnaubal	Carnaubal (Headquarter)
			Faveira
30	Catarina	Catarina	Catarina (Headquarter)
			San Gonçalo
31	Catunda	Catunda	Catunda (Headquarter)



No.	Municipality	District(s)	Locality(ies)
32	Cedro	Cedro	Candeias
			Cedro (Headquarter)
		Lajedo	Sítio Lajedo
		Lajedo	Sítio São Raimundo
		Lajedo	Sítio Mucururé
		Várzea da Conceição	Várzea da Conceição
33	Chaval	Chaval	Chaval (Headquarter)
		Passagem	Passagem
34	Choró	Choró	Choró (Headquarter)
35	Coreaú	Coreaú	Coreaú (Headquarter)
		Ubaúna	Ubaúna
36	Crateús	Crateús	Crateús (Headquarter)
37	Croatá	Croatá	Croatá (Headquarter)
38	Cruz	Cruz	Cruz (Headquarter)
			Paraguai
		Caiçara	Preá
49	Ererê	Ererê	Ererê (Headquarter)
40	Forquilha	Forquilha	Forquilha (Headquarter)
41	Fortim	Barra	Barra
		Campestre	Campestre
		Fortim	Fortim (Headquarter)
		Maceió	Maceió
		Viçosa	Jardim
		Viçosa	Viçosa
42	Frecheirinha	Frecheirinha	Frecheirinha (Headquarter)
			Sítio Jardim
43	General Sampaio	General Sampaio	General Sampaio
44	Granjeiro	Granjeiro	Granjeiro
45	Graça	Graça	Graça (Headquarter)
		Lapa	Lapa
46	Groaíras	Groaíras	Groaíras (Headquarter)
			Sanharão dos Donatos
		Itamaracá	Itamaracá
47	Guaraciaba do Norte	Guaraciaba do Norte	Guaraciaba do Norte
		Sussuanha	Sussuanha
48	Guaramiranga	Guaramiranga	Guaramiranga (Headquarter)
		Pernambuquinho	Forquilha
49	Hidrolândia	Hidrolândia	Hidrolândia (Headquarter)
		Irajá	Irajá
50	Ibaretama	Ibaretama	Ibaretama (Headquarter)
51	Ibiapina	Betânia	Betânia
		Ibiapina	Ibiapina (Headquarter)
			Janeiro
			Pituba
		Caiçara	Caiçara
52	Ibicuitinga	Açude dos Pinheiros	Açude dos Pinheiros
		Canindezinho	Antônio Pereira
		Canindezinho	Canindezinho
		Ibicuitinga	Ibicuitinga (Headquarter)
		Viçosa	Currais
		Viçosa	Viçosa
53	Independência	Independência	Independência (Headquarter)
54	Ipaumirim	Felizardo	Felizardo
		Ipaumirim	Ipaumirim (Headquarter)
55	Iracema	Ema	Ema



No.	Municipality	District(s)	Locality(ies)
		Iracema	Iracema (Headquarter)
56	Irauçuba	Irauçuba	Irauçuba (Headquarter)
57	Itaiçaba	Itaiçaba	Itaiçaba (Headquarter)
		Itaiçaba	Tomé Afonso
58	Itapipoca	Deserto	Deserto
		Itapipoca	Brotas
			Itapipoca (Headquarter)
59	Itapiúna	Caio Prado	Lagoa da Cruz
			Barra Nova
			Bico da Arara
			Caio Prado
		Itans	Itans
		Itapiúna	Itapiúna (Headquarter)
60	Itarema	Palmatória	Lagoa da Pedra
		Almofala	Palmatória
61	Itatira	Itarema	Torrões
		Itatira	Itarema (Headquarter)
62	Jaguaretama	Itatira	Itatira (Headquarter)
		Lagoa do Mato	Lagoa do Mato
63	Jaguaretama	Jaguaretama	Jaguaretama (Headquarter)
64	Jaguaribara	Jaguaribara	Jaguaribara (Headquarter)
65	Jati	Jaguaruana	Jaguaruana (Headquarter)
		Saquinho	Saquinho
66	Jijoca de Jericoacoara	Jijoca de Jericoacoara	Jijoca de Jericoacoara
67	Lavras da Mangabeira	Jati	Jati (Headquarter)
		Jijoca de Jericoacoara	Jericoacoara
		Amanituba	Amanituba
		Lavras da Mangabeira	Lavras da Mangabeira
68	Marco	Mangabeira	Mangabeira
		Quitaiús	Quitaiús
		Marco	Marco (Headquarter)
69	Martinópolis	Marco	Santa Rosa
		Martinópolis	Triângulo do Marco
		Martinópolis	Martinópolis (Headquarter)
70	Massapê	Ipaguaçu	Ipaguaçu
		Massapê	Massapê (Headquarter)
		Mumbaba	Mumbaba
71	Mauriti	Mauriti	Mauriti (Headquarter)
		Palestina do Cariri	Palestina do Cariri
72	Meruoca	Meruoca	Meruoca (Headquarter)
73	Milagres	Milagres	Milagres (Headquarter)
		Rosário	Rosário
74	Miraíma	Brotas	Brotas
		Miraíma	Miraíma (Headquarter)
75	Mombaça	Mombaça	Mombaça (Headquarter)
76	Monsenhor Tabosa	Monsenhor Tabosa	Monsenhor Tabosa (Headquarter)
77	Moraújo	Moraújo	Moraújo (Headquarter)
		Várzea da Volta	Várzea da Volta
78	Morrinhos	Morrinhos	Junco Manso
		Sítio Alegre	Morrinhos (Headquarter)
79	Mucambo	Sítio Alegre	Sítio Alegre
		Mucambo	Caiçara
			Chapada
80	Mulungu	Mulungu	Mucambo (Headquarter)
			Mulungu (Headquarter)



No.	Municipality	District(s)	Locality(ies)
81	Novo Oriente	Novo Oriente	Novo Oriente (Headquarter)
82	Ocara	Ocara	Ocara (Headquarter)
		Sereno de Cima	Sereno de Cima
83	Orós	Guassussê	Guassussê
		Orós	Orós (Headquarter)
		Palestina	Palestina
84	Pacoti	Pacoti	Pacoti (Headquarter)
85	Pacujá	Pacujá	Pacujá (Headquarter)
86	Palhano	Palhano	Palhano (Headquarter)
87	Palmácia	Palmácia	Palmácia (Headquarter)
88	Parambu	Parambu	Parambu (Headquarter)
			Santa Rita
89	Paramoti	Paramoti	Paramoti (Headquarter)
90	Penaforte	Penaforte	Penaforte (Headquarter)
91	Pentecoste	Pentecoste	Pentecoste (Headquarter)
		Sebastião de Abreu	Sebastião de Abreu
		Matias	Vazante Grande
92	Pereiro	Crioulos	Crioulos
		Pereiro	Pereiro (Headquarter)
93	Piquet Carneiro	Piquet Carneiro	Piquet Carneiro (Headquarter)
94	Pires Ferreira	Otavilândia	Otavilândia
		Pires Ferreira	Pires Ferreira (Headquarter)
		Santo Izidro	Marruá das Rosas Santo Izidro
95	Poranga	Poranga	Poranga (Headquarter)
96	Porteiras	Porteiras	Porteiras (Headquarter)
97	Potengi	Potengi	Potengi (Headquarter)
98	Potiretama	Potiretama	Potiretama (Headquarter)
99	Quiterianópolis	Quiterianópolis	Quiterianópolis (Headquarter)
100	Quixadá	Juatama	Juatama
		Quixadá	Quixadá (Headquarter)
		Tapuiará	Tapuiará
		Cipó dos Anjos	Lagoa da Pedra
			Lagoa da Santana
			Sítio Alegre
Siriema			
101	Quixeré	Quixeré	Quixeré (Headquarter)
102	Redenção	Antônio Diogo	Antônio Diogo
		Barra Nova	Barra Nova
		Redenção	Diamante
			Itapaí
			Outeiro de Fora
Redenção (Headquarter)			
103	Reriutaba	Reriutaba	Reriutaba (Headquarter)
104	Russas	Bonhu	Bonhu
		Flores	Flores
		Flores	Jardim de São José
		Russas	Russas (Headquarter)
		São João de Deus	São João de Deus
105	Saboeiro	Saboeiro	Saboeiro (Headquarter)
106	Salitre	Salitre	Salitre (Headquarter)
107	Santa Quitéria	Lisieux	Lisieux
		Macaraú	Macaraú
		Santa Quitéria	Santa Quitéria (Headquarter)
108	Santana do Acaraú	Santana do Acaraú	Santana do Acaraú (Headquarter)
109	Senador Pompeu	Senador Pompeu	Senador Pompeu (Headquarter)



No.	Municipality	District(s)	Locality(ies)
110	Senador Sá	Senador Sá	Senador Sá (Headquarter)
111	Sobral	Aprazível	Aprazível
		Jaibaras	Ipueiras
		Jaibaras	Jaibaras
112	São Benedito	Inhuçu	Inhuçu
		São Benedito	São Benedito (Headquarter)
113	Tabuleiro do Norte	Tabuleiro do Norte	Tabuleiro do Norte (Headquarter)
114	Tamboril	Sucesso	Sucesso
		Tamboril	Tamboril (Headquarter)
115	Tarrafas	Tarrafas	Tarrafas (Headquarter)
116	Tauá	Tauá	Tauá (Headquarter)
117	Tejuçuoca	Tejuçuoca	Tejuçuoca (Headquarter)
118	Tiangúá	Caruataí	Caruataí
		Pindoguaba	Canastra
			Pindoguaba
			Valparaíso
		Tiangúá	Itaguaruna
			Sítio São José
Tiangúá (Headquarter)			
119	Tururu	Cemoaba	Cemoaba
		Tururu	Canto Escuro
			Tamanduá
			Tururu (Headquarter)
120	Ubajara	Jaburuna	Jaburu
		Jaburuna	Jaburuna
		Nova Veneza	Nova Veneza
121	Umari	Ubajara	Ubajara (Headquarter)
		Pio X	Pio X
		Umari	Umari (Headquarter)
122	Umirim	Caxitoré	Caxitoré
		São Joaquim	São Joaquim
		Umirim	Umirim (Headquarter)
123	Uruburetama	Uruburetama	Uruburetama (Headquarter)
124	Uruoca	Uruoca	Uruoca (Headquarter)
125	Varjota	Varjota	Varjota (Headquarter)
126	Viçosa do Ceará	Lambedouro	Lambedouro
		Quatiguaba	Inharim
			Quatiguaba
			Queimadas
Viçosa do Ceará	Viçosa do Ceará (Headquarter)		
127	Várzea Alegre	Várzea Alegre	São Vicente
		Várzea Alegre	Várzea Alegre (Headquarter)

2. OBJECTIVES

This document is intended to present the minimum requirements for the CONCESSIONAIRE's services provision (investments, operation, and other associated services) during the term of the ADMINISTRATIVE CONCESSION ("CONCESSION"),



aiming at the universalization of the SERVICES¹ within the SERVICE PROVIDER'S COVERAGE AREA.

The information contained in this EXHIBIT shall be understood as general technical specifications intended to standardize practices and conduct within the scope of the implementation, operation, and maintenance of the Wastewater Systems related to the CONTRACT, with a view to achieving the targets, as well as the minimum performance established for the proper compliance with the PERFORMANCE INDICATORS.

The assets comprising the SYSTEM² shall be subject to periodic preventive maintenance and corrective maintenance whenever necessary, in addition to being replaced when their useful life is exhausted. The WASTEWATER SYSTEMS shall be maintained, renewed, and/or expanded with a view to adequate services provision, considering social, sanitary, environmental, and legal aspects, as well as technical feasibility.

The deadlines related to services provision for each municipality within the COVERAGE AREA are distinct, as are the intermediary coverage targets of the WASTEWATER SYSTEMS, and shall therefore be subject to analysis.

¹ Integrated activities that comprise the entirety of the subject matter of the CONCESSION, characterized as follows: (a) wastewater service: public service encompassing the activities of collection, transportation, treatment and proper final disposal of wastewater, from households connections through its proper discharge into the environment; and (b) COMMERCIAL MANAGEMENT of the wastewater services

² Set of infrastructures linked to the provision of SERVICES, such as wastewater pumping stations, wastewater treatment plants, manholes, interceptors, outfalls, trunk collectors, among other structures necessary for the SERVICES provision



3. INTERMEDIARY AND UNIVERSALIZATION TARGETS FOR WASTEWATER SERVICES

The universalization target for the SERVICES is the services provision of the wastewater service ensuring, at a minimum, coverage of 90.00% (ninety percent) of the customer units and service to 90.00% (ninety percent) of the population with wastewater collection and treatment, by the year 2033, within the SERVICE PROVIDER'S COVERAGE AREA of LOT [•], also observing the annual intermediary targets for coverage and service with wastewater collection network and wastewater treatment defined in the CONTRACT, as set forth in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS.

The universalization target indicated above, as provided for in Article 11-B of Federal Law No. 11,445/2007, as amended by Federal Law No. 14,026/2020, shall comply with the requirement to ensure service to at least 90% (ninety percent) of the population and coverage of at least 90.00% (ninety percent) of the customer units with wastewater collection and treatment by December 31, 2033, as provided for in Reference Standard No. 8/2024, issued by Resolution No. 192/2024 of the National Water and Basic Sanitation Agency (ANA), as amended from time to time, and in Resolution No. 12/2025 of the REGULATORY AGENCY, as amended from time to time.

4. INVESTMENTS

The CONCESSION aims at the universalization of the SERVICE, through investments in the infrastructure, operation, and maintenance of the SYSTEM, including COMMERCIAL MANAGEMENT activities, which comprise the replacement, transfer, and relocation of water meters, the detection and verification of fraud, registry updating, telemetry of strategic customers, and implementation of a metering system for alternative water supply sources.

The CONCESSIONAIRE shall be responsible for the implementation, refurbishment, and expansion of the existing wastewater SYSTEM infrastructure within the SERVICE PROVIDER'S COVERAGE AREA of LOT [•], as provided for in these CONCESSION SPECIFICATIONS, except for any works already under execution or contracting by the State, CAGECE, or the municipal governments, at the time of



commencement of the CONCESSION CONTRACT, as listed in EXHIBIT VIII – GRANTING AUTHORITY’S INVESTMENTS of the draft CONTRACT.

With a view to fulfilling such objectives, this item of EXHIBIT IV – CONCESSION SPECIFICATIONS sets forth the obligations relating to the CONCESSIONAIRE’s investments.

The CONCESSIONAIRE shall follow the expansion guidelines and the minimum specifications for the SYSTEM within the SERVICE PROVIDER’S COVERAGE AREA of LOT [•], as set forth in the CONTRACT and in these CONCESSION SPECIFICATIONS, in order to promote quality and efficiency in services provision throughout the entire CONCESSION.

The CONCESSIONAIRE shall carry out the implementation and expansion of the wastewater infrastructure based on the concepts established in the studies and conceptual projects, it being permitted that the preparation of the basic projects, executive projects, and other specific studies incorporate the CONCESSIONAIRE’s engineering and business perspective, provided that the deadlines, service and coverage rates, and the quality of services provision established in the CONTRACT and its EXHIBITS are observed.

The studies and conceptual projects are for reference purposes only, their sole purpose being to guide CAPEX and OPEX values and assist bidders in formulating the commercial proposal, except for the refurbishments and replacements of equipment (wastewater pumping stations and wastewater treatment plants) and of wastewater collection networks, force mains, final outfalls, interceptors, and trunk sewers listed in the conceptual projects, which shall be executed by the CONCESSIONAIRE within no more than the first 3 (three) years after issuance of the SYSTEM TRANSFER TERM, in accordance with the list set forth in APPENDIX I - REFURBISHMENTS AND REPLACEMENTS TO BE CARRIED OUT IN THE FIRST 5 YEARS OF THE CONTRACT.

After the CONCESSIONAIRE assumes the services, it may or may not follow the conceptual project. The CONTRACT establishes intermediary and universalization targets for coverage, service delivery, and service quality that shall be complied with, but it does not establish investment amounts or solutions to be strictly executed. Any differences between the amounts budgeted in the conceptual project and those actually executed shall constitute risks borne by the CONCESSIONAIRE.



The expansion of the infrastructure shall necessarily be preceded by the relevant studies, projects, and licenses, which shall be developed in full compliance with the CONTRACT and its EXHIBITS, the applicable technical standards, the legislation in force, and good engineering practices.

The investments shall be executed, in accordance with the INVESTMENT PLAN, in rational stages of development, always with CAGECE's knowledge and monitoring.

It should further be noted that these CONCESSION SPECIFICATIONS contain the reference information (as presented in APPENDIX III – INFORMATION ON THE WASTEWATER COVERAGE INDEX) for purposes of identifying and assessing the following risks set forth in the Contract Risk Matrix:

- i. Effectively existing coverage level of the wastewater system in the LOT **lower** than the level informed for purposes of preparation of the COMMERCIAL PROPOSAL, observing the same methodology, except for the risk hypothesis allocated to the GRANTING AUTHORITY in subclause 34.4, item xx;
- ii. Effectively existing coverage level of the wastewater system in the LOT **lower** than the level informed for purposes of preparation of the COMMERCIAL PROPOSAL, provided that such negative variation is ascertained by the 12th (twelfth) month following the end of the ASSISTED OPERATION and **exceeds 10%** (ten percent) of the informed level, observing the same methodology; and
- iii. Effectively existing coverage level of the wastewater system **higher** than that informed for purposes of preparation of the COMMERCIAL PROPOSAL, including as a result of the existence of systems in operation under the direct responsibility of the MUNICIPALITIES.

4.1 INVESTMENTS FOR EXPANSION OF THE INFRASTRUCTURE



The CONCESSIONAIRE shall be responsible for carrying out the activities of monitoring the projects and works of the WASTEWATER SYSTEMS to be carried out by CAGECE, as well as for the management, execution, and monitoring of the projects and works of the WASTEWATER SYSTEMS to be carried out by the CONCESSIONAIRE.

In accordance with the provisions set forth in EXHIBIT V – GUIDELINES FOR THE PREPARATION OF THE INVESTMENT PLAN, the CONCESSIONAIRE shall prepare, within up to 120 (one hundred and twenty) days after execution of the CONTRACT, the first version of the INVESTMENT PLAN for the SYSTEM within the SERVICE PROVIDER'S COVERAGE AREA of LOT [] and submit it for CAGECE's acknowledge and approval, in order to allow alignment with public sanitation policies.

The purpose of the INVESTMENT PLAN is to present the planning of the investments during the period of execution of the expansion of the SYSTEM, detailing, for the next 60 (sixty) months, the projects and works that shall serve as reference for the management of the investments in the SYSTEM IMPROVEMENT WORKS.

CAGECE shall comment on the INVESTMENT PLAN within 30 (thirty) calendar days and may request additional information or adjustments. If new versions are required, the subsequent comments shall occur within successive periods of 15 (fifteen) calendar days, and the approval procedure shall be completed within up to 180 (one hundred and eighty) days counted from signing of the CONTRACT. Should the INVESTMENT PLAN not be approved within such period, the ASSISTED OPERATION period shall be automatically extended, so that SYSTEM OPERATION by the CONCESSIONAIRE shall occur only after formal approval of the INVESTMENT PLAN.

In addition, the INVESTMENT PLAN shall be updated on an annual basis and, once approved by CAGECE, any request for amendment shall be subject to new approval by CAGECE.

Finally, the following documents shall form part of the INVESTMENT PLAN:

- I. Work Plan
- II. CAGECE Investment Management Plan
- III. CONCESSIONAIRE Investment Management Plan
- IV. Universalization Schedule
- V. Execution Schedule

The contents and deadlines for delivery of each of the deliverables are described in EXHIBIT V – GUIDELINES FOR THE PREPARATION OF THE INVESTMENT PLAN.

4.2 EXECUTION PROCESS AND DELIVERY OF THE SYSTEM IMPROVEMENT WORKS

Although there is a reference conceptual study, the CONCESSIONAIRE shall be required to carry out its own basic and executive studies and projects.

The preparation of the studies and projects, including the automation project, with the technical solutions to be adopted, shall be the sole and exclusive responsibility of the CONCESSIONAIRE.

The projects aimed at achieving the contractual targets shall be prepared to cover the entire SERVICE PROVIDER'S COVERAGE AREA of LOT The projects aimed at achieving the contractual targets shall be prepared to cover the entire SERVICE PROVIDER'S COVERAGE AREA of LOT [] and up to the end of the CONCESSION period, it being permitted to propose execution in construction stages, preceded by the respective executive projects.

In all works under its responsibility, the CONCESSIONAIRE shall comply with the INVESTMENT PLAN, the UNIVERSALIZATION SCHEDULE, the EXECUTION SCHEDULE, and their procedures, subject to the provisions set forth in the CONTRACT.

No later than 60 (sixty) days prior to the commencement of execution of the works, the CONCESSIONAIRE shall submit to the GRANTING AUTHORITY, together with the respective executive projects, the detailed schedule, section by section, for execution of the works, for its consent, and the latter may, within a maximum period of 30 (thirty) days after receipt thereof, require revision of its content, in whole or in part, in accordance with the provisions set forth in the CONTRACT. After approval by the GRANTING AUTHORITY, any amendment to the detailed schedule shall depend on new consent by the GRANTING AUTHORITY.

CAGECE will monitor and inspect the quality of the construction work being carried out by the CONCESSIONAIRE. If there are no non-conformities, whether in relation to the approved project or due to other technical and/or regulatory issues, or once any irregularities have been remedied, a Work Acceptance Term shall be issued.

Prior to the Work Acceptance Term, for purposes of accountability regarding the INVESTMENT PLAN and final acceptance of the works, the CONCESSIONAIRE shall

submit a report containing, at a minimum, the following information, by Municipality, regarding the completed works:

Installation of Wastewater Collection Networks

- a) Georeferenced records in digital format, in accordance with the template to be provided by CAGECE;
- b) Table containing the basic information on the executed connections (full address, whether the residence has a negative invert level, whether the residence has an intradomiciliary connection, number of customer units);
- c) Summary of the number of customer units delivered, with negative invert level, with connection, etc.;
- d) Summary of the quantity of wastewater collection networks installed, whether main, auxiliary, or interceptors;
- e) WWTP (Wastewater Treatment Plant) ensuring the functionality of the networks;
- f) WPS (Wastewater Pumping Station), if any, ensuring the functionality of the system;
- g) Operating License with updated scope encompassing the installed networks.

Rehabilitation of Existing Wastewater collection networks/Connections

- a) Georeferenced records in digital format, in accordance with the template to be provided by CAGECE;
- b) Table containing the basic information on the executed connections (full address, whether the residence has a negative invert level, whether the residence has an intradomiciliary connection, number of customer units);
- c) Summary of the number of customer units delivered, with negative invert level, with connection, etc.;
- d) Summary of the quantity of wastewater collection networks rehabilitated, whether main, auxiliary, or interceptors;

Localized and Special Works

- a) As-built drawings of the construction of the WWTP, WPS, non-destructive crossing, or other work, with georeferenced location in digital format;



- b) Table containing the basic information on the work (flow rate, modules installed, power of the electromechanical equipment, databook of all equipment supplied in the work);
- c) Documentation evidencing possession of the land, identifying ownership by the CONCESSIONAIRE, or grant of use, when public, recorded in the property registry.
- d) Operating License with updated scope encompassing the implemented works.

The CONCESSIONAIRE's obligations for all works under its responsibility are:

- i. The provision of all engineering and supervision services; supply of labor, service and work sites, materials, equipment, including automation equipment, spare parts and accessories; construction utilities and supplies; temporary materials, structures, and facilities; transportation (including, without limitation, unloading and handling) and storage.
- ii. The execution of all services and supply of all materials required for the construction of the units, with a view to full compliance with the conditions established in the CONTRACT.
- iii. To prepare all planning, field surveys, relevant projects and licensing, and clearances from other authorities (such as DNIT, SOP, FTL, municipal governments, etc.), submitting the documentation for CAGECE's knowledge, and CAGECE may request the applicable amendments or additions to ensure the quality and purpose of the work;
- iv. To follow the procedures established in the Technical Note on Noise Monitoring, the Technical Note on Black Smoke Monitoring, CAGECE's Environmental Rules, and the Terms of Reference for the Preparation of the Construction Waste Management Plan (PGRCC) for CAGECE's Works;
- v. To have full knowledge of everything relating to the nature and location of the work, its general and local conditions, and all else that may affect it, being responsible for all measures necessary for: its execution, preservation, and costs; transportation, acquisition, handling, and storage of materials; availability of labor, water, and electric power; communication routes; meteorological instability and variations; watercourse flows and their level fluctuations; terrain configuration and condition; types of equipment required; facilities required before or during execution of the work; and other matters regarding which it is possible to obtain information and which may in any way interfere with the execution, preservation, and quality of the work;
- vi. To provide the work equipment used at the sites, the materials and respective supplies, the facilities, the personnel employed in the work, the temporary connections (when necessary, for water, wastewater, and power), and, in general,



- all means and elements used for execution of the works, so that they are adequate and sufficient;
- vii. To stake out the works, with benchmarks duly coordinated and leveled;
 - viii. To maintain the sites and camps in proper sanitary condition, free of obstructions and debris, in compliance with occupational safety standards and environmental legislation, with the appropriate signage. Upon completion of the works, to remove all facilities, scrap, and debris, so as to restore the site to a proper condition. Where works are carried out in inhabited areas, mitigating measures shall be adopted in order to prevent the raising of dust;
 - ix. To make available office space at the worksite for CAGECE's inspection team, in accordance with CAGECE standards;
 - x. To pay the fees, taxes, emoluments, fines, and other fiscal charges that are or may become levied upon the work and the personnel assigned thereto, including insurance and labor charges, all of which shall be the sole and exclusive responsibility of the CONCESSIONAIRE;
 - xi. To be responsible for any damage caused to public or private property arising from execution of the services. The functioning of any public utility services shall not be interrupted. For such purpose, the CONCESSIONAIRE shall preserve, using all reasonable efforts and means available, the full integrity of the facilities related to such services;
 - xii. To be aware of any interferences that may occur prior to the opening of trenches and to repair any damage caused to existing buried facilities. All costs and solutions relating to the adjustment of such interferences shall be borne by the CONCESSIONAIRE;
 - xiii. To repair damage caused to public or private property and utilities due to defect or negligence, within the period agreed with CAGECE and at no cost to CAGECE;
 - xiv. To restore to its original condition any signage or signboard affected by the works, within the shortest possible period;
 - xv. To maintain, on a permanent basis, at the head of the services, an engineer (resident engineer) of recognized competence, duly registered and licensed with CREA, with issuance of the respective Technical Responsibility Annotation (ART);
 - xvi. To install a work signboard containing the main information on the subject matter: type of work, resources applied, source of funds, execution period, company responsible for execution, responsible engineer, CREA and ART numbers, and other relevant information, in accordance with the standard agreed between CAGECE and the CONCESSIONAIRE;
 - xvii. Strictly comply with the legislation in force in Brazil regarding occupational safety, occupational hygiene, and social matters;
 - xviii. Adopt the measures necessary for accident prevention and occupational safety, in accordance with the Regulatory Standards of the Ministry of Labor;



- xix. Comply with the legislation in force regarding the storage, transportation, and use of explosives. Prior to any blasting excavation, the CONCESSIONAIRE shall submit to CAGECE the work plan and technique to be used;
- xx. Carry out any work implying suspension of traffic or reduction of the circulation area only after prior consultation with and approval by the competent authority, attaching drawings proposing the intended changes, with indication of all necessary information, including the term and signage;
- xxi. Execute the SERVICES in such a way that they are fully protected against the risk of accidents involving its own personnel and third parties. For this purpose, signboards shall be used, in compliance with the requirements of the National Traffic Code and any local rules that may exist. It shall also isolate the worksite by means of barriers, so as to signal and prevent the fall of persons or vehicles into trenches or open excavations;
- xxii. Use flaggers, whenever requested by CAGECE or the competent authority, in order to allow the passage of traffic under control;
- xxiii. Immediately remove any spills resulting from transportation operations along or across any public roadway;
- xxiv. Contact Federal, State, and Municipal authorities in order to obtain clearance for execution of the works on public roads, such clearances, including the payment of fees and taxes, being under the sole responsibility of the CONCESSIONAIRE.
- xxv. Within up to 03 (three) months from completion of each of the SYSTEM IMPROVEMENT WORKS, the CONCESSIONAIRE shall provide CAGECE, in digital format, with a complete set of the projects (as built) and work documentation, including the licenses, Operation Manual, Facilities Maintenance Manual, Databook, and the Technical Records, in compliance with CAGECE's internal standards and guidelines, also ensuring delivery in software compatible with the GRANTING AUTHORITY'S systems for purposes of updating the technical records.
- xxvi. The implemented units shall be accounted for when they are in full operating condition, and also when the CONCESSIONAIRE has the technical records (as built) of the work.
- xxvii. Within 30 (thirty) days prior to the estimated completion date of each of the CONCESSIONAIRE'S INVESTMENTS, the CONCESSIONAIRE shall formally notify CAGECE thereof, forwarding the relevant projects, studies, and other technical documents, at which time it shall indicate the date on which the respective inspection will be carried out, with the joint presence of CAGECE and the CONCESSIONAIRE.
- xxviii. The inspection referred to in paragraph XXVI shall have the purpose of verifying the conformity of the works, services, and facilities related to each of the CONCESSIONAIRE'S INVESTMENTS.
- xxix. With a view to mitigating the risk of nonconformities and construction defects affecting the CONCESSIONAIRE'S INVESTMENTS, CAGECE may monitor the



execution of such works, including by carrying out technical visits and requesting any documents and information deemed necessary.

xxx. Works to be Implemented and Operated by the CONCESSIONAIRE.

CAGECE and the INDEPENDENT VERIFIER may, at their discretion, at any time monitor and request information regarding the development of such works.

Within up to 100 (one hundred) calendar days after completion of the SYSTEM IMPROVEMENT WORKS, for accountability purposes regarding the INVESTMENT PLAN, the CONCESSIONAIRE shall submit to CAGECE a report containing, at a minimum, the following information on the completed works, by Municipality:

- i. Total wastewater customer units;
- ii. Wastewater customer units capable of connection;
- iii. Wastewater customer units with intradomiciliary connection connected to the wastewater collection network;
- iv. Wastewater Treatment Plants (WWTP);
- v. Wastewater Pumping Stations (WPS);
- vi. Wastewater collection network installed for expansion;
- vii. Existing wastewater collection network replaced / renewed;
- viii. Force main / outfall installed;
- ix. Georeferenced records in digital format;
- x. As built of the special and/or localized works;
- xi. Operating License with updated scope for inclusion of the delivered works.

Other documents may be requested by CAGECE.

The information provided shall be compatible with CAGECE's technical and commercial records, and shall also comply with its technical standards.

CAGECE may also request that the report contain additional information not provided for in these CONCESSION SPECIFICATIONS.

4.2.1 Works under Implementation by CAGECE, FUNASA, MUNICIPALITIES, or the STATE to be Operated by the CONCESSIONAIRE

The works under implementation by CAGECE, FUNASA, MUNICIPALITIES, or the STATE on the CONTRACT's signing date, or implemented throughout the CONCESSION, falling within the CONCESSIONAIRE's scope of activities, may, at the CONCESSIONAIRE's discretion, be monitored and inspected as to compliance with the

projects and the quality of their execution, and the party responsible for the work shall ensure unrestricted access to the worksite facilities.

Upon completion of the implementation, the party responsible for the work (CAGECE, FUNASA, MUNICIPALITY, or STATE, as the case may be) shall deliver to the CONCESSIONAIRE all relevant technical and environmental documentation, if any, including the “as built” projects, descriptive memoranda, technical specifications, operation and maintenance manuals, databooks, and the environmental licenses obtained (LI, LIO, or LO, as the case may be), as well as the records of environmental licensing applications that may still be pending analysis by the competent authority.

The transfer of operational responsibility to the CONCESSIONAIRE shall occur when the facilities present operational conditions for the commencement of the testing phase, pursuant to clause 14 of the CONTRACT, and, on such occasion, the PARTIES shall execute the ACCEPTANCE AND TRANSFER TERM.

After the ACCEPTANCE AND TRANSFER TERM, the following shall apply with respect to the environmental licenses of the works executed by CAGECE, FUNASA, MUNICIPALITIES, or the STATE:

- (i)** where an Installation and Operation License (LIO) or an Operating License (LO) has been issued in the name of the party responsible for the work, the CONCESSIONAIRE shall arrange for transfer of title to the license into its name, fully assuming compliance with the existing and future conditions thereof;
- (ii)** where there is a filed application for an LIO/LO still pending conclusion, the CONCESSIONAIRE shall continue the process, including by adopting all measures necessary to obtain the license, and shall thereafter be responsible for its processing, compliance with requirements, and fulfillment of any conditions that may be imposed;
- (iii)** where there is no LIO, LO, or LO application filing, the CONCESSIONAIRE shall notify the party responsible for the work so that it may adopt the initial measures to file the LO application, pursuant to item 8.1 of this EXHIBIT, and the CONCESSIONAIRE shall, after such filing, fully assume the LO issuance process, for purposes of regularizing the infrastructure that will become subject to its operation.

Upon entering into the ACCEPTANCE AND TRANSFER TERM, the CONCESSIONAIRE shall also adopt the measures necessary to change title to the electricity account into its name and may, if necessary, request support from the party responsible for the work.



Eventual nonconformities identified in the works shall be technically demonstrated by the CONCESSIONAIRE and formally communicated directly to the executor of the work and to CAGECE. In the case of works executed by CAGECE, the provisions of clause 14 of the CONTRACT shall apply.

4.3 RELEVANT STANDARDS

For the preparation of the projects and the execution of the refurbishment/expansion works of the assets comprising the wastewater systems, the ABNT Standards applicable to each case shall be followed, in their most recent versions (or such standards as may replace them during the CONCESSION period), such as (but not limited to):

- NBR NM 212 - Cold water velocity meters up to 15 m³/h
- NBR 5101 - Public Lighting.
- NBR 5.410 – Low-Voltage Electrical Installations
- NBR 5.419 – Protection against atmospheric discharges
- NBR 5461 - Lighting.
- NBR 5.462 - Reliability and maintainability
- NBR 5.681 – Technological Control of the Execution of Embankments in Building Works
- NBR 6.118 – Project of concrete structures
- NBR 6120 – Actions for the calculation of building structures
- NBR 6.122 – Project and Execution of Foundations
- NBR 6123 – Forces due to wind in buildings
- NBR 6.146/80 - Enclosures of electrical equipment – Protection – Specification
- NBR 6.459 – Soil - Determination of the Liquid Limit
- NBR 6.484 – Soil - Standard Penetration Test (SPT)
- NBR 6.493 – Use of Colors for the Identification of Industrial Piping
- NBR 7117 - Measurement of resistivity and determination of soil stratification
- NBR 7.195 – Safety Colors
- NBR 7.212 – Execution of centrally batched concrete - Procedure
- NBR 7.229 – Project, construction, and operation of septic tank systems
- NBR 7.288 - Power cables with solid extruded polyvinyl chloride (PVC) or polyethylene (PE) insulation for voltages from 1 kV to 6 kV - Specification
- NBR 7.362 – Buried systems for wastewater conveyance
- NBR 7.367 – Project and laying of rigid PVC pipelines for wastewater systems
- NBR 7.678 – Safety in the Execution of Construction Works and Services



- NBR 7.968 - Nominal diameters in sanitation piping in distribution network, transmission mains, wastewater collection networks, and interceptors - Standardization
- NBR 8.009 - Velocity meter for cold water up to 15.0 m³/h nominal flow rate - Terminology
- NBR 8.160 - Building wastewater systems - Project and execution
- NBR 8.194 - Potable water meters - Standardization
- NBR 8.681 - Actions and Safety in Structures - Procedure
- NBR 8.890 - Circular-section concrete pipe for stormwater and wastewater - Requirements and test methods
- NBR 8.953 - Concrete for structural purposes - Classification by specific mass, by strength and consistency groups
- NBR 9.649 - Project of wastewater collection networks - Procedure
- NBR 9.814 - Execution of wastewater collection networks - Procedure
- NBR 10.004 - Solid waste - Classification
- NBR 10.844 - Building rainwater installations - Procedure
- NBR 12.207 - Project of wastewater interceptors
- NBR 12.208 - Project of wastewater pumping stations - Procedure
- NBR 12.209 - Preparation of hydraulic-sanitary projects for wastewater treatment plants
- NBR 12.587 - Wastewater System Records - Procedure
- NBR 12.266 - Project and execution of trenches for installation of water, wastewater, or urban drainage piping - Procedure
- NBR 12.655 - Portland cement concrete - Preparation, control, receipt, and acceptance - Procedure
- NBR 13.133 - Execution of topographic survey
- NBR 13.969/97 - Septic tanks - complementary treatment units and final disposal of liquid effluents - Project, construction, and operation.
- NBR 14.005 - Velocity meter for cold water, from 15 m³/h to 1,500 m³/h nominal flow rate
- NBR 14.039 - Medium-voltage electrical installations (from 1.0 kV to 36.2 kV)
- NBR 14.565 - Structured cabling for commercial buildings
- NBR 14.931 - Execution of concrete structures - Procedure
- NBR 15129 - Luminaires for public lighting - Particular requirements
- NBR 15.200 - Project of concrete structures in fire conditions
- NBR 15.538 - Potable water meters - Efficiency evaluation tests
- NBR 15.750 - PVC-O piping (oriented unplasticized polyvinyl chloride) for water or wastewater transport systems under pressure - Requirements and test methods
- NBR 15751 - Grounding systems for substations - Requirements

- NBR 16.043 - Measurement of water flow in closed pressurized conduits – Meters for cold and hot potable water
- NBR 16.085 - Precast reinforced concrete manholes and inspection chambers for buried systems — Requirements and test methods
- NBR 60.670 - Boxes and enclosures for electrical accessories for fixed domestic and similar electrical installations
- ISO 4.064 - *Water meters for cold potable water and hot water*
- INMETRO Ordinance No. 246/2000
- ISA 5.1 Standard - International standard issued by Setting the Standard for Automation, which standardizes the use of graphic symbols and instrumentation identification in automated industrial plants
- IEC 60617 - International standard issued by the International Electrotechnical Commission, which standardizes the use of graphic symbols for electrical devices in electromechanical diagrams
- IEC 61439 - Low-voltage switchgear and controlgear assemblies
- IEC 62208 - Empty enclosures for low-voltage switchgear and controlgear assemblies
- ISA-99 - International standard issued by Setting the Standard for Automation, which standardizes the requirements for Security of Industrial Automation and Control Systems
- ANSI/ISA 18.2-2016 - International standard issued by Setting the Standard for Automation, which standardizes alarm system management in the industrial process
- ANATEL Resolution No. 395/2005, Regulation on Channeling and Conditions of Use of Radiofrequencies in the 411.675 MHz to 415.850 MHz and 421.675 MHz to 425.850 MHz bands
- ANATEL Resolution No. 674/2017 – Regulation on Channeling and Conditions of Use of Radiofrequencies in the 148 MHz to 174 MHz Band
- ANATEL Resolution No. 683/2017 – Regulation on Sharing of Support Infrastructure for the Provision of Telecommunications Services
- ANATEL Resolution No. 680/2017 – Regulation on Restricted Radiation Radiocommunication Equipment and amending the Telecommunications Services Regulation, the Quality Management Regulation for the Multimedia Communication Service, the Multimedia Communication Service Regulation, and the Private Limited Service Regulation
- ANATEL Resolution No. 700/2018 – Regulation on the Assessment of Human Exposure to Electric, Magnetic, and Electromagnetic Fields Associated with the Operation of Radiocommunication Transmitting Stations
- ANSI/AISC 360-05 - Specification for Structural Steel Buildings
- EIA-TIA-222-G - Structural Standard for Antenna Supporting Structures and Antennas



- TELEBRAS Standard 240-400-702 - General specifications for calculation memoranda for towers and metal poles
- TELEBRAS Standard 240-410-600 - Project procedures for self-supporting and guyed metal towers and metal poles

The CONCESSIONAIRE shall also fully comply with the Regulatory Standards of the Ministry of Labor, Federal, State, and Municipal legislation, Environmental and Water Resources Resolutions and Ordinances, the Sanitation Works Manual, and CAGECE's internal standards.

The CONCESSIONAIRE may implement solutions based on its expertise, ensuring the final quality of the projects/works, provided that the proposed solutions are subject to prior review and approval by CAGECE.

Regardless of the guidelines adopted for the advancement of the projects and engineering works, technical responsibility for the solutions proposed for the WASTEWATER SYSTEMS (WWS) shall rest exclusively with the CONCESSIONAIRE.

All studies and projects shall be in line with Environmental, Social, and Governance (ESG) criteria.

4.4 MINIMUM INFRASTRUCTURE SPECIFICATIONS

The CONCESSIONAIRE shall fully comply with all standards governing wastewater services and equipment. As a general rule, the CONCESSIONAIRE shall apply the provisions and specifications contained in these CONCESSION SPECIFICATIONS, in addition to strictly complying, in their most current version, with the labor regulatory standards, Federal, State, and Municipal legislation, as well as CAGECE's internal standards. Whenever necessary, CAGECE may request a material sample for issuance of an independent laboratory report to assess quality and compliance with the technical standards.

The technical specifications, standards, and regulations to be observed by the CONCESSIONAIRE are those available on the website:

- <https://www.CAGECE.com.br/documentos-publicacoes/documentos/>

The standardization of units and processes is a priority and shall be pursued in all fronts of the services, such as:

- Piping and connections
- Instrumentation and electrical and automation components
- Pumps
- WWTP equipment
- Wastewater Pumping Stations



- Treatment processes in WWTPs
- OCC equipment

The units shall comply with CAGECE's standards, attached hereto, which may be amended upon CAGECE's prior approval.

4.4.1 Wastewater Services

The guidelines and technical standards already listed shall be observed, in addition to the obligations relating to the preparation of the projects and execution of the works concerning the structures comprising the SYSTEM.

The public wastewater services shall be deemed to consist of one or more of the following activities:

- I - collection, including building and intradomiciliary connection, of wastewater;
- II - transportation of wastewater;
- III - treatment of wastewater; and
- IV - final disposal of wastewater and residues originating from the operation of collective or individual/alternative treatment units.

The wastewater collection networks shall be designed so as to allow the maximum possible gravity drainage of the buildings comprised within the project area. In situations where the topography does not allow a gravity drainage solution, the CONCESSIONAIRE shall propose alternatives always aimed at the lowest operation and maintenance cost, without, however, compromising quality. The wastewater collection networks shall preferably be designed along public roads, in such a manner as to allow the gravity connection from the last inspection chamber to the network. Should it not be possible to execute the wastewater collection network, force mains, or outfalls along a public road, the area used for installation shall be subject to land tenure regularization.

The CONCESSIONAIRE shall install a wastewater collection network under a separate system, consisting of the collection of wastewater (domestic wastewater) and infiltration water (groundwater entering through the piping and its accessories), which together constitute wastewater. Rainwater shall be collected and conveyed through an independent rainwater drainage system, which is not under the responsibility of the CONCESSIONAIRE. The layout of the wastewater collection network shall be based on the existing topographic conditions, the configuration of the urban road system, and the location planned for the WWTP. The maximum distance between inspection manholes shall be 80 meters. The layout of the wastewater collection network shall be based on the



position of the main collectors. The projected secondary networks shall, whenever possible, be developed independently and by sector.

The SYSTEM shall be equipped, at a minimum, with the following units/equipment:

- Building connection: section of the building sewer (see NBR 8160) comprised between the boundary of the plot and the wastewater collector, in accordance with the execution standard established by CAGECE described in APPENDIX II - WORK EXECUTION STANDARD DEFINED BY CAGECE.
- Wastewater collector: wastewater collection network piping that receives wastewater contribution from the building sewers at any point along its length.
- Trunk collector (CT): wastewater collection network piping that receives only wastewater contribution from other collectors (without household connections).
- Outfall (EM): piping that receives wastewater exclusively at the upstream end.
- Inspection Manhole (PV): chamber accessible through an opening in its upper part, intended for the execution of maintenance works.
- Wastewater collection network: set composed of building connections, wastewater collectors, and their accessory components. It shall be of the separate system type (without mixing with the surface drainage or rainwater system). Its project shall comply with NBR 9.649 and its updates. PVC pipes shall preferably be used, with HDPE piping being admitted, especially for sections implemented through Non-Destructive Methods, usually employed in densely built urban areas, so as to minimize the impact of the works.
- Interceptor: piping in valley bottoms that receives contribution from the networks and conveys it to strategic points of the wastewater collection network. The project of interceptors shall comply with NBR 12.207. It shall be equipped with inspection or visit manholes so as to allow access and maintenance.
- Wastewater Pumping Station (WPS): station consisting of a motor pump installed in a suction well, preceded by screening and grit removal and generally of the submersible or centrifugal type, in order to impart energy to the fluid (raising the piezometric level to overcome topographic limits of basins or to convey it to treatment or final discharge). Its project shall comply with NBR 12.208, in accordance with the execution standard established by CAGECE described in APPENDIX II - WORK EXECUTION STANDARD DEFINED BY CAGECE..
- Force Main (LR): the discharge piping of the wastewater pumping stations intended to convey fluids transposed from basins or pumped to treatment or final discharge.
- Wastewater Treatment Plant (WWTP): set of treatment units, equipment, auxiliary components, accessories, and utility systems whose purpose is to reduce the pollutant loads of wastewater and condition the residual matter resulting from treatment. Its treatment level and effluent parameters shall comply with the



standards set forth in the legislation in force. It may comprise different typologies and units. Its project shall comply with NBR 12.209 and the requirements of the environmental authority. In the event anaerobic processes are employed, it shall preferably be located away from urban settlements (minimum of 500 m), or be equipped with a reactor sealing system and treatment of the biodigestion gases. In accordance with the execution standard established by CAGECE described in APPENDIX II - WORK EXECUTION STANDARD DEFINED BY CAGECE..

- Final outfall: piping intended to convey treated wastewater to the final discharge point. Its project shall comply with NBR 12.207.

In cases where there is no technical and economic-financial feasibility for implementation of a conventional collective system, the CONCESSIONAIRE may adopt appropriate alternative solutions, whether collective or individual, provided that the intended solution is submitted for approval by the GRANTING AUTHORITY, is constructed in accordance with the minimum standards of the Brazilian ABNT Standards, and complies with the rules and/or regulations of the REGULATORY AGENCY.

For the implementation of appropriate individual alternative solutions, and without prejudice to the required consent of the GRANTING AUTHORITY, the CONCESSIONAIRE shall adopt technologies with intervals for cleaning, transportation, and proper final disposal of sludge exceeding 2 (two) years, provided that such solutions comply with the rules and/or regulations of the REGULATORY AGENCY.

In addition to compliance with the technical standards and good engineering practices, the following requirements shall also be fulfilled:

- For the MUNICIPALITIES in which a collection system is already in place, the CONCESSIONAIRE shall prepare a specific program for the investigation and disconnection of irregular rainwater contributions to the wastewater system, with short-, medium-, and long-term targets, with a view to minimizing the issue.
- The CONCESSIONAIRE shall establish a connection incentive policy and submit it to CAGECE for prior approval and validation. Under the connection incentive policy, the CONCESSIONAIRE shall perform, free of charge, the INTRADOMICILIARY CONNECTION of properties in the residential category in compliance with the annual quantities set forth in APPENDIX IV – MINIMUM MANDATORY ANNUAL QUANTITIES FOR THE EXECUTION OF INTRADOMICILIARY CONNECTIONS BY LOT, in accordance with the list of properties to be contemplated as indicated by CAGECE. All costs related to the installation of the intradomiciliary connection shall be borne by the CONCESSIONAIRE.



- All WPSs and WWTPs shall be equipped with flow measurement systems containing a continuous volume totalization function, in addition to raw and treated wastewater quality sensors at Large-Scale WWTPs (as so defined in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS). Both sets of information shall be integrated into the supervisory/automation system to be implemented at the Operations and Control Center (OCC). For purposes of measuring the overflow indicator, such systems shall measure the influent and effluent flow rates or the number of hours/quantity of overflows.
- Todas as unidades com conjuntos motobombas ou sopradores deverão possuir sistema de geradores de energia como prevenção, de no mínimo 8 horas, para casos de interrupção do fornecimento de energia elétrica pela concessionária de energia.
- The units comprising the existing SYSTEMS shall be assessed by the CONCESSIONAIRE, which shall implement the necessary adjustment measures (including civil refurbishments, improvements, or replacement of equipment), in order to permit operation of the equipment in strict compliance with the applicable standards, including occupational safety, health, and environmental safety standards applicable to the surroundings of the facilities, while minimizing any negative impacts on the immediate neighborhood.
- The CONCESSIONAIRE shall implement Hydraulic Models for all wastewater systems within no more than 3 (three) years in the case of existing SYSTEMS, and within no more than 6 (six) months in the case of implementation of new SYSTEMS.
- Any condominium wastewater collection network shall be deactivated upon implementation of a conventional network, and within up to 3 (three) years for all localities.
- The CONCESSIONAIRE shall replace the entire length of network made of asbestos cement and clay pipe material within up to 3 (three) years for all localities
- The CONCESSIONAIRE shall operate the wastewater systems within the developments of the “Minha Casa e Minha Vida Faixa I” program, or of any public housing policy that may replace it.
- The CONCESSIONAIRE shall be responsible for deactivating every treatment system by decanter-digesters and other types of treatment units that do not have technologies capable of complying with the wastewater discharge standards in force, and shall interconnect them to the integrated systems or adopt an appropriate technical wastewater solution to serve such areas in compliance with environmental legislation, within no more than 3 (three) years for any localities. The deactivation of WWTP units and rehabilitation of the area shall be carried out by the CONCESSIONAIRE, and the area shall be returned to CAGECE.
- Only works that have been approved in the functionality tests of the SYSTEM units shall be entered into CAGECE’s records. In order to ensure that new wastewater

collection networks comply with the technical and operational standards before being incorporated into the existing system, it is mandatory to carry out a series of tests and inspections. These procedures ensure the integrity, functionality, and safety of the infrastructure. The main tests include:

For Wastewater collection networks

1. **Visual Inspection:** Assesses whether the installation complies with the projects and technical specifications, verifying alignment, leveling, connections, and the existence of any obstructions or damage.

2. **Watertightness Test:** Verifies the absence of leaks in the piping and connections, ensuring that the system is watertight and preventing infiltrations or leaks that may compromise the environment and public health.

3. **Flow and Level Test:** Assesses the hydraulic capacity of the network, ensuring that it supports the projected volume of wastewater without overflows or backflows, thus ensuring the proper sizing of the piping.

4. **Slope Verification:** Confirms whether the slopes of the piping comply with the project, ensuring the proper gravitational flow of the effluents and preventing accumulation of solids or clogging.

5. **Mirror Test:** Verifies the alignment and integrity of newly installed wastewater collection networks. This test ensures that the piping is properly aligned and free from obstructions, thus ensuring the efficient operation of the wastewater system.

For Force Mains:

1. **Pressure Test (for pressurized piping):** Applies controlled internal pressure to verify the strength and integrity of the piping operating under pressure, ensuring that there are no leaks or structural failures.

The performance of these tests is essential for the acceptance and incorporation of new wastewater collection networks, ensuring their operational efficiency and longevity, in addition to protecting the environment and public health.

The CONCESSIONAIRE shall notify CAGECE in advance of the scheduled dates for the functionality tests, allowing it to appoint a technical representative to monitor their execution. Prior to carrying out the tests, the CONCESSIONAIRE shall provide the following documentation:



- “As Built” Project: faithful representation of the project as executed, reflecting all changes made during construction.
- Test Plan: detailing of the procedures to be adopted during the tests, including methodologies, equipment used, and acceptance criteria.
- Technical Professional Responsible for the Tests: identification of the qualified professional who will supervise the execution of the tests, including full name, professional registration, and contact details.
- Descriptive Memorandum: document describing the technical characteristics of the work, the materials used, and the relevant specifications.
- Technical Responsibility Annotations (ART): evidence that the professionals responsible for the execution and supervision of the tests hold the appropriate legal qualifications.

For Wastewater Pumping Stations:

1. Initial inspection: verify compliance with the approved executive project, the presence of all equipment and safety devices, grounding and compliance of the electrical installation, the structural integrity and waterproofing of the suction well and piping, operation of the automation and telemetry system, the condition of valves and hydraulic accessories, and the condition of the preliminary treatment units;
2. Pump Functional Test: verify operation of manual and automatic start-up, assess the emptying time of the suction well, verify whether the pumping flow rate is consistent with the projected flow rate, verify the vibration and noise levels, which shall comply with ABNT NBR 17094-1, motor temperature, and verify the float and sensor levels so as to ensure proper pump actuation.
3. Hydropneumatic Tank Test: test the equipment to ensure that the pressure remains stable within the operating range and that the relief valve operates properly in the event of overpressure.
4. Electrical and Automation System Test: verify protection of the electrical circuits, test communication between the WPS and the telemetry system (when applicable), assess the response of the level sensors and fault alarms, and verify actuation of the emergency devices.

Screening



1. Functional Test of Manual Screens: verify whether solid waste is being properly retained and verify the operating conditions;
2. Functional Test of Mechanized Screens: verify actuation, waste removal efficiency, and operational safety, assess whether the automatic cleaning frequency is consistent with the projected flow rate, and test operation of the equipment for disposal and transport of the retained material.

Grit Chamber

1. Sedimentation Test: assess whether the wastewater flow in the grit chamber allows efficient sedimentation of the particles, measure the removal efficiency of settleable solids, and verify the operating conditions;
2. Functional Test of Mechanized Grit Chambers: verify actuation, waste removal efficiency, and operational safety; assess whether the automatic cleaning frequency is consistent with the projected flow rate; and test the operation of the equipment for disposal and transport of the retained material.
3. Capacity and Performance Test of the WPSs: verify the performance of the equipment by testing WPS operation under maximum load, assess the energy consumption of the pumps and compare it with the specified values, and monitor the level variation in the suction well under different flow rates.
4. Simulate a power failure in order to verify operation of the emergency system (Generator Set).

For Wastewater Treatment Plants:

1. Initial inspection: verify compliance with the approved executive project, the presence of all equipment and safety devices, grounding and compliance of the electrical installation, the structural integrity and waterproofing of the civil structures and piping, operation of the automation and telemetry system, the condition of valves and hydraulic accessories, and the condition of the preliminary treatment units;
2. Sludge Drying Test: assess the residual moisture of the sludge after drying.
3. Gas Treatment System Test: measure the concentration of H₂S and other compounds and verify the reduction of atmospheric pollutants.

Sludge Drying Bed Reject Pumping Station



4. Pump Flow Rate Test: measure the pumping capacity.
5. Monitoring of Solids Accumulation: assess sedimentation in the pumping station.
6. Verification of the Operation of Control Devices: carry out testing of valves and sensors.

The test results shall be documented in technical reports containing:

- Dates and times of the measurements;
- Persons responsible for the tests;
- Report containing the results obtained in the tests and comparison with the normative limits;
- Corrective actions, if necessary; and
- Photographic record of the inspections and tests.

The CONCESSIONAIRE shall communicate in advance the dates scheduled for the functionality tests so that CAGECE may make a technical representative available to monitor their execution.

4.4.2 Urbanization of the Areas

With respect to the visual identity of the façades of the REVERSIBLE ASSETS OF THE CONCESSION (such as WWTPs and WPSs), the CONCESSIONAIRE may include its corporate name and/or trademark, provided, however, that it preserves and includes the CAGECE and Government of the State of Ceará with the Secretariat of Cities logos, adopting the standards in force used by CAGECE.

In addition, the following shall be observed:

- Fences and Gates: the infrastructure areas of the SYSTEM shall be fully protected by fencing throughout their entire perimeter, so that access to such areas occurs only through the access gates.
- Paving: the road systems providing access to the areas shall consist of existing public roads; internally, access routes shall be provided so as to permit the implementation of the works and, subsequently, the operation and maintenance services.



- **Vegetation Structures:** the soil of the areas selected for implementation of the structures shall be covered with low vegetation. In locations where earthworks are carried out, replanting of grasses from the site itself shall be provided for.

The CONCESSIONAIRE shall comply with the Visual Identity Manual proposed by CAGECE and shall, in the units, accessories, parts, and other products requiring an identification mark, ensure the preservation and inclusion of the CAGECE and Government of the State of Ceará with the Secretariat of Cities logos, in accordance with the standards in force used by CAGECE.

4.4.3 Field Team Equipment

The field teams shall have all equipment necessary to perform the services efficiently, properly, and safely.

The CONCESSIONAIRE shall ensure that the quantity of vehicles and the required structure are capable of ensuring compliance with the PERFORMANCE INDICATOR and the UNIVERSALIZATION INDICATOR, while rendering all SERVICES that are the subject matter of the CONTRACT.

The CONCESSIONAIRE shall also make available all tools and equipment necessary for the field teams to carry out the operation and maintenance works required for the SYSTEM.

4.5 LAND SUBDIVISION PROJECTS

Certain stages of the land subdivision process are the responsibility of the Land Subdivision Developer, such as responsibility for the investments required for execution of isolated wastewater systems or for interconnection with the existing system, or for expansion/reinforcement of the system, while other activities are carried out by CAGECE, which shall become the responsibility of the CONCESSIONAIRE with respect to Land Subdivisions carried out within the SERVICE PROVIDER'S COVERAGE AREA.

Accordingly, the CONCESSIONAIRE shall assume responsibility for the following activities:

- I. Issuance of information identifying the point of the WASTEWATER SYSTEM for receipt of the wastewater from the project, a technical feasibility statement, together with other relevant guidelines for the proper operation of the subdivision in conjunction with the existing system.



- II. Analysis of the wastewater projects (networks and other equipment) of the future project, in accordance with the standard established by CAGECE, conditioning commencement of the works upon prior approval thereof.
- III. Optional inspection of the works execution to be incorporated into the WASTEWATER SYSTEM.
- IV. Carrying out the assisted operation jointly with the developer and proving the efficiency of the wastewater systems.
- V. Upon issuance of the Definitive Acceptance Term, proving the efficiency of the wastewater system, and transferring the Operating License of the WASTEWATER SYSTEM from the name of the developer to the CONCESSIONAIRE, with monitoring by CAGECE, when applicable.
- VI. Operation of the wastewater system on internal roads within the residential development for low-income social housing projects and in open subdivisions with official roads.

4.6 CONSOLIDATED INFORMAL URBAN SETTLEMENTS AND REMOTE AREAS

The CONCESSIONAIRE is obliged to carry out investments in CONSOLIDATED INFORMAL URBAN SETTLEMENTS and in REMOTE AREAS located within the SERVICE PROVIDER'S COVERAGE AREA, including the works execution to ensure service to the population in such areas and the operation of the implemented systems.

For such purpose, if it is not possible or advantageous to adopt the conventional system, the CONCESSIONAIRE may adopt alternative and decentralized solutions for services provision, provided that the intended solution is permitted by the REGULATORY AGENCY, pursuant to paragraph 4 of Article 11-B of Federal Law No. 11,445/2007, as well as Reference Standards No. 8/2024 and No. 11/2024 of the National Water and Basic Sanitation Agency (ANA), Resolution No. 12/2025 of the REGULATORY AGENCY, and that such measure is authorized by the GRANTING AUTHORITY, in accordance with the provisions of the CONTRACT.

4.7 OPERATIONAL CONTROL CENTERS AND SYSTEM AUTOMATION

The CONCESSIONAIRE shall implement operational control centers ("OCCs"), including systems automation of each municipality, districts, and localities (where existing), so as to enable remote operation and monitoring, in accordance with the stages defined in the EXECUTION SCHEDULE. Such OCCs shall house the telecommunications and command center facilities, generate reports on the operational routine, as well as alarms whenever a nonconformity occurs, and activate the maintenance structure for real-time intervention in the operation. The synoptic screens of the automation system



shall be prepared in accordance with the P&I diagrams presented in the automation project, following the recommendations of ISA Standard 5.1 as to the graphic symbols and tagging rules for the identification of instruments and actuators, operational units, and control loops.

The OCC shall have backup electric power supply with generator sets and uninterruptible power supplies (UPS) units in order to prevent interruption of the operation due to lack of, or fluctuation in, electric power. All equipment and projects shall be compatible with CAGECE's standards.

The existing operational units shall be incorporated, duly adapted for the command-control function. The implemented system shall allow the incorporation of new units as they are executed and placed into operation, and shall also ensure a redundant communication network alternative so that there is no discontinuity of remote operation through the automation system in the event of failure of the main communication network.

At the CONCESSIONAIRE's discretion, regional OCCs may be implemented; however, at least one unit within the SERVICE PROVIDER'S COVERAGE AREA per LOT shall be mandatory. Operational control may be simplified in the other MUNICIPALITIES, considering the size of the systems and the number of units interconnected to the regional OCCs.

The physical implementation of the OCC shall occur by the 13th month as from the SYSTEM TRANSFER TERM, and its remote operationalization shall be completed by the 18th month, for the existing system, counted from execution of the CONTRACT, and, for the new units, the operationalization shall be carried out in accordance with the execution schedule of each work.

The automation projects for WASTEWATER SYSTEMS and/or OCCs shall be prepared and executed in accordance with CAGECE's internal standards NIT-0063, NIT-0064, NIT-0065, and NIT-0071.

Established Communication Levels:

- Level 1: Communication between the instrumentation and the CPL shall preferably occur through communication protocols (Modbus RTU or Modbus TCP/IP);
- Level 2: Communication between the CPL and the supervisory system shall preferably occur through an ETHERNET network. In the case of use of radio modem networks, the protocol to be used shall be Modbus TCP. In the case of use of mobile telephony networks or LoRaWAN, the IoT MQTT protocols (for telemetry only) or OPC-UA (for telemetry and remote command) shall be used. In the case of use of the IoT MQTT protocol, the reading data shall be posted to CAGECE/GETIC's MQTT Broker, which shall in turn be queried by the SCADA supervisory system and displayed on the synoptic screens. In the case of use of the OPC-UA protocol, the CPLs of the Remote Transmission Units (RTUs) themselves



shall be the direct servers of the reading and command data for the OPC client of the SCADA supervisory system, which shall make them available on the synoptic screens;

- Level 3: Communication between the supervisory system and the corporate network shall preferably occur through Ethernet.

The computers shall be equipped with a Supervisory Control and Data Acquisition system (SCADA-type software) enabling the remote automatic operation of the operational units, as well as access to information and visualization of synoptics, trend graphs, alarm screens, etc.

The CONCESSIONAIRE shall carry out the integration of the SCADA systems' Databases with CAGECE's database. Integration between the systems shall be carried out by means of a RESTful API or such technology as may be indicated by CAGECE, in compliance with CAGECE's information security and technology policy, as well as with the General Data Protection Law (LGPD).

The CONCESSIONAIRE shall ensure that the GRANTING AUTHORITY has real-time access to the SCADA system, in visualization mode and with permission to generate reports, enabling continuous and efficient monitoring of the operations.

The automation system shall operate in such a manner that communication shall be centralized through the CPL, which shall be responsible for acquiring the process data provided through the sensors and field network, interconnected to the control network.

For each unit, there shall be, at a minimum, equipment for measuring the described variables and accessories for implementation of the following communication:

- i. Electrical Power Substations and Units with equipment in general: the electrical variables (nominal current, power factor, voltage, and power) shall be monitored, and such units shall also be equipped with a presence sensor in the unit perimeter and remote control through a supervisory system;
- ii. Wastewater collection network and Interceptor: the flow rate shall be monitored at specific points to be defined by the CONCESSIONAIRE and approved by CAGECE, in order to monitor any level rise during periods of rain or other exceptional events, so as to anticipate possible overflows;
- iii. Wastewater Pumping Stations: the electrical variables of the motor pump set and generator set (nominal current, voltage, power, phase loss, power factor, etc.), as well as temperature, humidity, vibration, rotation, and motor status, shall be monitored; ultrasonic level sensors shall also be installed in the suction wells (for pump operation and overflow detection), as well as flow meters and pressure gauges on the force mains, monitoring and control of the electric actuators of

- valves and gates, and a presence sensor in the unit perimeter, with remote control and monitoring through a supervisory system;
- iv. Wastewater Treatment Plant: the electrical variables of the motor pump groups, blowers, and generator set (nominal current, power factor, voltage, and power), as well as temperature, humidity, vibration, rotation, and motor status, shall be monitored; wastewater level sensors shall also be installed within the various units (minimum and maximum for pump operation and overflow level for alert purposes), as well as flow meters and pressure gauges on the lines (especially on the final force main, if any), sensors for treatment parameters in accordance with the Monitoring Plan for Large-Scale Treatment Plants (such as: Biochemical Oxygen Demand – BOD; Dissolved Oxygen – DO; Suspended Solids – SS; etc.) defined for each type of equipment, as well as environmental control (presence sensor, video camera) at the main operating points that form part of the treatment process, with remote control from the OCC for operation management through a supervisory system.

Strategic Customers Telemetry: shall be integrated into CAGECE's OCC controls.

Prior to installation of the measurement systems in the units, the CONCESSIONAIRE shall submit to CAGECE, for approval, the technical and installation specifications of the measuring instruments.

For purposes of calculation of the ICO indicator set forth in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS, the CONCESSIONAIRE shall have installed a measurement system (hour meter, level sensor, or flow meter) in at least 50% of the existing WPSs and WWTPs by year 1, with installation of the measurement system in 100% of the operational WPS and WWTP units by year 2, for purposes of verification of overflows. Every new WPS and WWTP unit shall already be delivered with the measurement system duly installed. Each of the field instruments shall have an associated TAG, printed on a label affixed or attached to the instrument.

All sensors used to monitor operational units must comply with quality certification standards, and the CONCESSIONAIRE must implement a calibration and validation program that can be audited by the independent verifier and by CAGECE for all parameters on which the IDO depends.

All costs relating to installation of the OCC shall be borne by the CONCESSIONAIRE.

The CONCESSIONAIRE shall ensure that the security and surveillance solution for the OCC(s) includes an access control system to be implemented in all environments.

The CONCESSIONAIRE shall allow for the designation of confidential information, which shall be stored in encrypted form.

The CONCESSIONAIRE shall ensure that any communication between its systems and CAGECE's systems, as well as access by its personnel to CAGECE's systems and to the CONCESSIONAIRE's systems, is carried out through a secure connection. Such connection shall be analyzed and approved by CAGECE for the purpose of ensuring the confidentiality, integrity, and availability of the transmitted data, using advanced encryption technologies and appropriate methodologies to protect against unauthorized access and threats.

The CONCESSIONAIRE shall be required to maintain backup copies of all data relating to the operational units in a safe and protected environment, so as to ensure business continuity in the event of incidents of any nature.

The CONCESSIONAIRE shall be required to record all information relevant to the OPERATIONAL PERFORMANCE INDICATOR, keeping it available for access by CAGECE and the INDEPENDENT VERIFIER.

The CONCESSIONAIRE shall ensure the acquisition of duly licensed equipment, hardware, and software, recognized in the technical field, capable of preventing and eliminating the risks of possible cyberattacks and/or unwanted access to the existing network (ransomware, malware, spyware, viruses, etc.).

All equipment shall comply with the minimum requirements established in CAGECE's internal standards.

The CONCESSIONAIRE shall ensure access control to all systems and shall periodically review user profiles, in order to keep the user list for each of the software solutions used always up to date.

The CONCESSIONAIRE shall ensure remote access by CAGECE and the INDEPENDENT VERIFIER to the OCC, in unrestricted visualization mode and with permission to generate reports, for monitoring by means of username and password, in quantities sufficient to meet the demands of CAGECE and the INDEPENDENT VERIFIER, in real time and with immediate access to all existing screens, including the visualization of the new operational units as from the commencement of their operation.

4.8 GEOREFERENCED INFORMATION MANAGEMENT SYSTEM (GIS)

The CONCESSIONAIRE shall have a duly licensed Geographic Information System (GIS), compatible with that used by CAGECE³, so that it may connect to the database and perform the registration. Following such registration, the information shall be forwarded to CAGECE's records validation sector and, upon approval, shall be entered into CAGECE's georeferenced database.

This system (GIS) shall be adopted for registering all structures comprising the SYSTEM (wastewater collection network, trunk collector, interceptor, WPS, WWTP, and outfalls, parts, and accessories). The GIS shall support the planning, operation, and maintenance teams in identifying all units of the SYSTEM, so as to enable CAGECE's planning and control actions.

The updating of networks and parts shall mandatorily occur after any field intervention that changes the location and/or the quantitative and qualitative attributes of the networks.

This system (GIS) shall also be mandatorily adopted to georeference properties and customers in accordance with the rules and procedures of CAGECE's commercial records.

5. OPERATION AND MAINTENANCE

The CONCESSIONAIRE shall fully assume the operation and maintenance of the EXISTING SYSTEM or resulting from the expansions and enlargements implemented in all MUNICIPALITIES within the SERVICE PROVIDER'S COVERAGE AREA of the respective LOT throughout the entire SYSTEM OPERATION period, commencing after issuance of the SYSTEM TRANSFER TERM, as established in the TENDER NOTICE, the CONTRACT, and its EXHIBITS, in particular in these CONCESSION SPECIFICATIONS.

Any and all software used by the CONCESSIONAIRE shall enable, by means of a RESTful API or such technology as may be indicated by CAGECE, the customized export of data and integration with CAGECE's systems, in compliance with CAGECE's information security and technology policy and with the LGPD.

All costs (direct and indirect), whether involving in-house or outsourced teams, related to the operation and maintenance of the SYSTEM within the SERVICE

³ CAGECE uses the PostgreSQL 12.4 database software, with the PostGIS 3.0.1 spatial extension, fed by the ArcGIS 10.8 and QGIS 3.1 software. The technical criteria adopted are: SIRGAS2000 Geodetic System; UTM coordinates; 24 S; and Cartographic Accuracy Standard - Class A.

PROVIDER'S COVERAGE AREA of the respective LOT, shall be borne by the CONCESSIONAIRE.

This section sets forth the minimum obligations of the CONCESSIONAIRE with respect to the services rendered by it.

5.1 SERVICES TO BE PROVIDED BY THE CONCESSIONAIRE

The SERVICES to be provided by the CONCESSIONAIRE within the scope of this CONCESSION are those necessary for the continuity of the operation/maintenance of the EXISTING SYSTEM within the SERVICE PROVIDER'S COVERAGE AREA of LOT [•] and its expansion in accordance with the deadlines and targets established in the CONTRACT, in addition to the services related to the commercial area and to the socio-environmental actions.

Accordingly, areas shall be structured so as to enable the management, operation, maintenance, and expansion of the systems, quality control and environmental management, administrative, commercial, and financial management, as well as support for human resources, contract and supplies, legal advisory, social communication, and other activities necessary for execution of the subject matter.

The EXISTING SYSTEM shall be adapted to the applicable guidelines, licenses, and environmental and labor legislation in force as from signing of the contract. The expansions of the SYSTEM executed by the CONCESSIONAIRE shall already take such premises into consideration from the preparation of the projects and works.

For purposes of sizing the resources and projects for the activities contemplated for operation and maintenance, the expansion of the service within the SERVICE PROVIDER'S COVERAGE AREA, as established in the EXECUTION SCHEDULE, and the natural growth of the population shall be considered, so as to ensure that the coverage, service, and universalization indexes are met within the prescribed periods.

5.1.1 Responsibility for Wastewater Meters of Industrial Customers

The CONCESSIONAIRE shall be responsible for verifying the wastewater meters of industrial customers, observing the following provisions:

- I. The CONCESSIONAIRE shall carry out periodic inspections, at least annually, to verify the operation and accuracy of the wastewater meters installed at industrial customers;

- II. The verifications shall be carried out in accordance with the applicable technical standards and the guidelines established by the GRANTING AUTHORITY and/or the REGULATORY AGENCY;
- III. The CONCESSIONAIRE shall maintain an updated record of all verifications carried out, including information on dates, results, and any corrective actions recommended;
- IV. Should any irregularities or meters with errors outside the acceptable limits be identified, the CONCESSIONAIRE shall immediately notify the industrial customer and the GRANTING AUTHORITY, recommending the measures necessary for correction;
- V. The CONCESSIONAIRE shall provide the GRANTING AUTHORITY and the REGULATORY AGENCY, whenever requested, with detailed reports on the condition of the industrial wastewater meters and the verification activities carried out.

Responsibility for the maintenance and replacement of the wastewater meters shall rest with the industrial customers, observing that:

- I. Upon prior notice to the GRANTING AUTHORITY under the terms established by the GRANTING AUTHORITY, the CONCESSIONAIRE shall inform the industrial customers of the need for maintenance or replacement of the meters, whenever identified during the verifications;
- II. The CONCESSIONAIRE shall monitor and verify the proper performance of the maintenance and replacements by the industrial customers, reporting to the GRANTING AUTHORITY and the REGULATORY AGENCY any nonconformities;
- III. Should the industrial customer fail to carry out the maintenance or replacement within the stipulated period, the CONCESSIONAIRE shall immediately notify the GRANTING AUTHORITY and the REGULATORY AGENCY for the applicable measures.

The CONCESSIONAIRE shall develop and implement awareness and guidance measures for industrial customers regarding the importance of proper wastewater



measurement and the responsibilities related to the operation and maintenance of the meters.

The costs related to the verification activities of the industrial wastewater meters shall be borne by the CONCESSIONAIRE.

5.2 MAINTENANCE MANAGEMENT SYSTEM (MMS)

The operation and maintenance activities of the SYSTEM shall be managed by the CONCESSIONAIRE through a maintenance management system (MMS) implemented and maintained by the CONCESSIONAIRE and validated by CAGECE. Such system shall be computerized and shall allow for the registration of units and service orders, the prioritization of activities, the estimated and actual deadlines, as well as management reports enabling evaluation of the quality of the interventions, whether electrical, mechanical, or civil, in accordance with the indicators set forth in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS, excluding the services provided directly to the USER, which shall be monitored by CAGECE’s commercial system.

The services provided directly to USERS shall be monitored through CAGECE’s commercial systems.

The CONCESSIONAIRE shall ensure CAGECE access to the MMS in unrestricted visualization mode and with report-generation capability.

The management system shall be compatible and integrated with the system used by CAGECE, complying with the company’s internal standards and rules.

The MMS shall interface with the OCC, with the USER service system, with the other systems of the CONCESSIONAIRE that may generate service orders, such as the Commercial System and the Maintenance System, and shall allow, at a minimum, the following procedures for managing the execution of maintenance services:

- Origin of demands: demands may be entered into the system based on requests/complaints from external customers (USERS via the service system, such as 0800, applications, and other CAGECE service channels), or from internal customers, based on the other systems of the CONCESSIONAIRE (commercial, maintenance, OCC);
- Execution of demands: the demand for registered services, with the priority defined by the MMS for service, shall be forwarded to the OCC for scheduling and generation of standardized documents, such as notices to the areas involved, Service Orders (SOs) for the field teams, and the applicable prioritizations; Management

Reports – the MMS, with the information on service inclusion, scheduling, and execution data, shall generate reports containing at least the following aspects:

- a) Monthly Service Quality Report – detailing the average response times for each type of service and comparing them with the established standard; (ATTACH the response times)
- b) Maintenance Team Performance Report – detailing the performance of the maintenance teams, particularly productivity and route efficiency, indicating potential performance improvements;
- c) Other reports containing the information necessary for the compilation of the PERFORMANCE INDICATORS;
- d) Annual report on the condition of the linked assets, indicating interventions, useful life, etc., for purposes of the monitoring provided for in Article V of Law No. 14.391/09.

The CONCESSIONAIRE shall deliver calibration and verification certificates and reports for the hydraulic equipment and measuring instruments.

5.3 Operational Plan

The CONCESSIONAIRE shall prepare an OPERATIONAL PLAN for the purpose of guiding the operation and maintenance management practices, which shall serve as the reference for management of the CONCESSION.

The OPERATIONAL PLAN shall contain procedure rules and operation manuals defined by the CONCESSIONAIRE and approved by CAGECE.

For such purpose, the OPERATIONAL PLAN shall contain a description of all operation services with defined standards, covering aspects of the quality of the SERVICES provided, standardized maximum response times, specification of the methodology for execution of the services and materials, as well as system operation rules. The operating standards for all services shall be established for the purpose of ensuring the quality required by the CONTRACT documentation and the legislation in force.

The OPERATIONAL PLAN shall set forth all guidelines required for operation and maintenance, in addition to the practices proposed by the CONCESSIONAIRE, with a view to maintaining the full functioning of the SYSTEMS. Such guidelines shall be adopted by the CONCESSIONAIRE for the adaptation of all existing services and those to be implemented within the SERVICE PROVIDER'S COVERAGE AREA, by means of analysis and rehabilitation of the existing structures, as well as the adoption of standardized



procedures for their operation, including the stages of training, standardization, and identification.

It should be noted that, for purposes of sizing the resources and planning the activities provided for in this OPERATIONAL PLAN, the expansion of service of the SYSTEMS and the natural growth during the CONCESSION period shall be considered for the MUNICIPALITIES, districts, and localities within the SERVICE PROVIDER'S COVERAGE AREA.

The purpose of the OPERATIONAL PLAN defined for the SYSTEMS is to ensure the full functioning of the structures and units, reducing operating costs through good practices, proper operation of the SYSTEMS, and the corrective, preventive, and predictive maintenance plan.

As to its content, the OPERATIONAL PLAN shall contain a description of the operation and maintenance activities, the deadlines for assumption of the operation and maintenance services, team training plan, operational contingency plan, socio-environmental programs, among others described in these CONCESSION SPECIFICATIONS. In addition to the obligations previously presented, the OPERATIONAL PLAN shall incorporate the Specific Obligations of the Wastewater System.

With respect to the deadlines, the OPERATIONAL PLAN for the WASTEWATER SYSTEMS of the MUNICIPALITIES comprising the CONTRACT shall be submitted to CAGECE within up to 3 months after the date of execution of the CONTRACT. The other deadlines for CAGECE's comments thereon and for adjustments shall follow the provisions of the CONTRACT.

Once approved by CAGECE, any request for amendment to the OPERATIONAL PLAN shall be subject to CAGECE's approval.

As from CAGECE's approval of the OPERATIONAL PLAN, the periods for the progress and fulfillment of the obligations set forth therein shall begin to run.

Together with submission of the OPERATIONAL PLAN, the CONCESSIONAIRE shall submit all documentation evidencing the filing, with the competent environmental authority, of the request to change the name of the developer in the related environmental licenses.

5.3.1 SYSTEM ASSISTED OPERATION

On the signing date of the CONTRACT, the CONCESSIONAIRE and CAGECE shall commence the SYSTEM ASSISTED OPERATION period, with a duration of up to 180 (one hundred and eighty) days.



During the SYSTEM ASSISTED OPERATION phase, CAGECE shall continue to control, operate, and maintain (correctively and preventively) the SYSTEM. Notwithstanding the foregoing, the CONCESSIONAIRE shall carry out activities enabling the training and qualification of the team that will be responsible for such activities, thereby obtaining all knowledge and experience necessary for operation of the units and equipment. During such period, CAGECE shall remain responsible for all operating costs, except those involving the CONCESSIONAIRE's personnel.

After the SYSTEM ASSISTED OPERATION period, the CONCESSIONAIRE shall assume services provision in the existing WASTEWATER SYSTEMS of the MUNICIPALITIES belonging to the SERVICE PROVIDER'S COVERAGE AREA of LOT [•], observing the deadlines defined below, except for the works planned or under execution previously contracted by the STATE, CAGECE, or the MUNICIPALITIES, which shall remain under their responsibility and whose operation shall be transferred to the CONCESSIONAIRE, pursuant to the terms set forth in the CONTRACT.

5.3.2 Operational Transfer

The OPERATIONAL PLAN shall provide for the milestones and maximum deadlines for the operational transfer of the full services provision that is the subject matter of this CONTRACT. The transfer periods shall observe the following indications, to be developed within the 180 (one hundred and eighty) days of the SYSTEM ASSISTED OPERATION period:

- i. Up to 2 (two) months for commencement of the activities for monitoring the investments of the STATE, CAGECE, and the MUNICIPALITIES;
- ii. Up to 6 (six) months for commencement of services provision related to COMMERCIAL MANAGEMENT, under the terms established;
- iii. Up to 6 (six) months for the full assumption of the other services set forth in the CONTRACT and its EXHIBITS, except for works under execution by CAGECE or the MUNICIPALITIES, and whose operation shall be transferred to the CONCESSIONAIRE pursuant to the terms set forth in these CONCESSION SPECIFICATIONS and in the CONTRACT.
- iv. Upon expiration of the SYSTEM ASSISTED OPERATION period, measurement of the PERFORMANCE INDICATOR shall commence.

The CONCESSIONAIRE shall ensure the full operation of all equipment and facilities of the SYSTEMS, seeking full compliance with the SUBJECT MATTER of this CONTRACT.

5.3.3 Registration Procedure

The OPERATIONAL PLAN shall describe the procedures for registration of the units to be adopted by the CONCESSIONAIRE, covering at least the following aspects:

- i. Georeferenced records of all operational units of the SYSTEM.
- ii. Technical specifications of the equipment and facilities comprising the SYSTEM.
- iii. Interconnection of the USER records with the geographic database of the water distribution and wastewater collection systems and with the commercial billing and collection system.

The following items shall, at a minimum, be registered:

- The coverage area defined by the records of streets, avenues, blocks, plot boundaries, and points of interest;
- Utility infrastructure as water, gas, power, telephony, drainage network, or any other facilities that may be relevant to the maintenance and operation services, including data on diameter, type of material, depth, location on the public road, type of pavement, etc., as well as characteristic points of the street, highlighting the existing infrastructure.
- The wastewater collection network, trunk collector, interceptor, and outfall piping shall be georeferenced and include information on diameter, type of material, depth, location on the public road, type of pavement, position of inspection manholes, and characteristic points of the street, installation date, and other information contained in the template to be provided by CAGECE and in its internal technical regulations, with emphasis on the existing infrastructure that may interfere with maintenance and expansion works;
- The wastewater connections shall be georeferenced and shall comply with the template to be provided by CAGECE, which includes, among other information, the installation date, interconnection to the wastewater collection network (position and depth), branch piping (diameter, length, material), sidewalk box (position, depth, diameter), interconnected with CAGECE's commercial records and the property records of the Municipality;
- The PUMPING STATION shall be georeferenced, and the installation date shall be indicated: the location of the plot, of the pump house, of the valve chamber, indicating elevations, depths, position of pumps, motors, control panel, the force main riser, the connections, and all information on the existing parts and equipment;
- The WASTEWATER TREATMENT PLANT shall be georeferenced, and the installation date shall be indicated: the location of the plot, of the hydraulic block,



of the interconnections between units, of the hydraulic and electromechanical equipment, including all additional geographic positions.

In addition to the georeferenced position, the CONCESSIONAIRE shall be required to detail the technical specification of all electromechanical and hydraulic equipment comprising the WASTEWATER SYSTEM, highlighting the following aspects:

- Detailed descriptive memorandum of the equipment construction process, including the manufacturer's specifications and manuals, highlighting the list of parts, manufacturing material, assembly sequence, and operation and maintenance recommendations;
- Detailed descriptive memorandum of the equipment installation conditions, addressing any nonconformities, if any, with the manufacturer's recommendations, as well as the operating recommendations.

The representation of the technical records, to be prepared by the CONCESSIONAIRE and approved by CAGECE, shall consist of graphic documents reflecting all record information, a descriptive memorandum of the registered units, and the technical manual of the equipment, so that it may be used as a tool for planning actions in the system.

5.3.4 Maintenance Procedures for the SYSTEM

The OPERATIONAL PLAN shall describe the maintenance procedures to be adopted by the CONCESSIONAIRE, covering at least the aspects relating to corrective maintenance, preventive maintenance, and predictive maintenance.

The completion of repair and maintenance services shall be recorded by photographic means, in accordance with CAGECE's standards and procedures.

The brief description of the maintenance categories to be considered is as follows:

- i. Corrective maintenance may be defined as the activity carried out after the occurrence of a breakdown, intended to restore the previous operating condition. This activity is aimed at carrying out repair and unclogging services on the facilities caused by an unforeseeable event and requiring emergency action because it results in interruption of services provision or affects the quality of operation.
- ii. Preventive maintenance is based on acting before a failure occurs and, according to NBR 5462, consists of "maintenance carried out at predetermined intervals, or



- according to prescriptive criteria, intended to reduce the probability of failure or the degradation of the functioning of an item”.
- iii. Predictive maintenance is defined as a set of services and works intended to ensure the useful life of the units and their intervention. It requires detailed diagnoses and prognoses capable of identifying opportunities for implementing improvements, notably through the adoption of new technologies and replacement of equipment. This category may be understood as an extension of preventive maintenance, though with greater impact, as it requires additional resources for its implementation and should not be adopted in a generalized manner.
 - iv. The services carried out by the CONCESSIONAIRE shall include photographic records of the repair/rehabilitation, in accordance with CAGECE's standards and procedures.

The CONCESSIONAIRE shall inform CAGECE in advance, by the last day of the preceding month, of the schedule for preventive maintenance services.

The CONCESSIONAIRE shall periodically prepare an instrumentation plan, containing at least calibration and verification data for the instrumentation equipment (hour meter, level sensor, or flow meter), and shall also submit the respective attestations, reports, and/or certificates.

5.3.5 Specific Obligations of the Wastewater System

5.3.5.1 Household Connections and Wastewater collection networks

The following operational actions shall be implemented in domiciliary connections and wastewater collection networks:

- i. Periodic preventive cleaning of inspection manholes and network stretches with low slope and/or a history of recurrent maintenance.
- ii. Unclogging, within the shortest possible time (in accordance with the deadlines established in the CONTRACT), of networks and service connections, in order to minimize damage caused by overflows.
- iii. Restoration of the base and paving of sidewalks and carriageways damaged by leaks in the wastewater system or by works for their implementation or maintenance, in strict compliance with the applicable rules and regulations. When the paving restoration service is located on avenues and main streets, the CONCESSIONAIRE shall restore the full width of the road.
- iv. Re-laying of wastewater collection networks and accessories presenting problems, such as: piping or accessories improperly executed, damaged, with



slopes, depths, type of material, or nominal diameter outside the standards established by ABNT and/or CAGECE, or presenting any other project, execution, maintenance, or operation issue.

5.3.5.2 Pumping Stations

The following operational actions shall be implemented in the wastewater pumping stations (WPS):

- i. Implementation of control and automation of the existing units, providing for rotation among the existing equipment.
- ii. Assessment of the installed equipment in light of the flow rates, manometric heads, and operating period, correlating such information with the electrical variables (voltage, current, and power), with a view to achieving energy efficiency.
- iii. Assessment of the pump operating curve, in order to verify whether it is consistent with the manufacturer's and the system's curves, so as to ascertain whether the equipment has adequate performance.
- iv. Preventive maintenance of pumps, impellers, motor-generator sets, hydropneumatic tanks, air valves, valves and electromechanical equipment, control panels, starting devices, and the sensors of the automation and communication system with the OCC.
- v. Establishment of a routine for periodic cleaning of the screening, grit chamber, and suction well, so as to avoid accumulation of waste in the equipment.
- vi. Verification of the operating valves, check valves, hydropneumatic tanks, and air valves installed in the header, as well as of the bulk meters and/or installed instrumentation.

5.3.5.3 Interceptors, Outfalls, and Force Mains

The following operational actions shall be implemented in interceptors, outfalls, and force mains:

- i. Periodic preventive cleaning of inspection manholes and stretches with low slope and/or a history of recurrent maintenance.
- ii. Non-destructive inspection using video camera equipment in stretches with a history of recurrent maintenance, in order to identify any damage to or rupture of the piping that requires intervention for a definitive solution to the issue.
- iii. Unclogging, within the shortest possible time (in accordance with the deadlines established in the CONTRACT), of compromised stretches in order to minimize damage caused by overflows.
- iv. Restoration of the base and paving of sidewalks and carriageways damaged by leaks in the wastewater system or by works for their implementation or maintenance, in strict compliance with the applicable rules and regulations. When



the paving restoration service is located on avenues and main streets, the CONCESSIONAIRE shall restore the full width of the road.

- v. Periodic flushing for cleaning of force mains.
- vi. Periodic maintenance of connections, valves, and air valves of the force mains.

For purposes of item 5.3.5.1, “avenues and main streets” shall mean those roads which, in the Municipality in which they are located:

- a) are classified, in an official instrument of the road system or urban mobility system of the competent public authority, as arterial road, express road, main collector road, or equivalent designation; or,
- b) even if not formally classified under item “a”, present at least two of the following objective characteristics:
 - I. they constitute a connecting axis between neighborhoods, districts, or municipal seats;
 - II. they present a significant flow of vehicle traffic, compatible with the main urban displacement routes, in accordance with existing traffic studies or, in the absence thereof, based on a duly grounded technical assessment;
 - III. they are served by at least one regular public transport line;
 - IV. they ensure direct or predominant access to structuring urban facilities, such as hospitals, transport terminals, administrative centers, or large commercial or service hubs.

5.3.5.4 Treatment Plant

The following operational actions shall be implemented in the wastewater treatment plants (WWTPs):

- i. Establishment of a routine for periodic cleaning of the preliminary treatment units (especially screening and grit chambers) and removal of scum, so as not to cause accumulation of waste in the equipment.
- ii. Testing and definition of the dosage of chemical products.
- iii. Preventive maintenance of pumps, blowers, motor-generator set, valves, dosing equipment, control panels, starting devices, sensors of the automation and communication system with the OCC, and the other equipment of the units. An annual report on the maintenance of the equipment of each plant shall be submitted.
- iv. Periodic discharge and cleaning of reactors and clarifiers in accordance with the Sludge and Solid Waste Management Plan, to be prepared by the CONCESSIONAIRE together with the basic and executive projects, specifically for each WWTP / Municipality. A report containing records of compliance with the plan shall be submitted every six months.



- v. Certification of the laboratories used for analysis of samples from the treatment process.
- vi. Carrying out laboratory analyses of the parameters established in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS, in strict compliance with the applicable standards, resolutions, and licenses.
- vii. Preservation, cleaning, and maintenance of the slopes of the stabilization ponds.
- viii. Removal of floating material from the ponds.
- ix. Proper conditioning, treatment, transportation, final disposal, and quantification of all material removed from the WWTPs and Pumping Stations (solid waste, sand, grease, and sludge).

5.3.5.5 Appropriate Alternative Wastewater Solutions through Individual Treatment Systems

The following operational actions shall be implemented in the individual treatment systems:

- i. Establishment of a routine for periodic cleaning of the units of the individual treatment system;
- ii. preventive maintenance of the structure of the units;
- iii. corrective maintenance of the structure of the units;
- iv. preservation and maintenance of the structures of the units;
- v. proper conditioning, treatment, transportation, final disposal, and quantification of all material removed from the individual treatment systems.

5.4 MAINTENANCE DEADLINES

Continuity of the wastewater collection and conveyance service generated by the served community is achieved by the set of operation, maintenance, and safety actions and routines of the systems described throughout these CONCESSION SPECIFICATIONS, especially by ensuring the operation of the wastewater pumping stations and the unclogging of networks, interceptors, and trunk collectors, thereby avoiding backflow and overflows in inspection manholes and/or domiciliary connections.

The CONCESSIONAIRE shall prioritize, in carrying out maintenance and rehabilitation services in inspection manholes, the use of methods that do not require closure of the roads. Exceptionally, whenever interventions in inspection manholes requiring trench opening are necessary, the CONCESSIONAIRE shall observe a strict protocol, to be defined jointly with the GRANTING AUTHORITY, establishing the procedures that ensure: partial closure of the road, guaranteeing a detour or alternative

lane for vehicle traffic; prompt execution; and full reopening of traffic on the road on the same day the service is performed.

All overflow occurrences identified by the CONCESSIONAIRE itself shall be recorded in the OCC systems and made available for access by CAGECE and the INDEPENDENT VERIFIER.

The maintenance deadlines set forth in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS of the CONCESSION CONTRACT shall be observed.

The main maintenance services to be performed in order to ensure maintenance of the operational units, which shall be addressed in the OPERATIONAL PLAN, are set forth below, without being limited thereto:

Maintenance of the electrical and electromechanical equipment shall be carried out in accordance with the manufacturer's manual.

WASTEWATER COLLECTION NETWORK	
Corrective Maintenance	Repair of building connection, sidewalk box, and inspection manhole Unclogging of wastewater collection network and building service connection Cleaning of inspection manhole and sidewalk box Installation of wastewater connection Other services (inspection manhole leveling, inspection manhole adjustment, raising of inspection manhole cover, etc.)
Preventive Maintenance	Cleaning of the wastewater collection network by hydrojetting and suction through the inspection manholes
Preventive Maintenance	Diagnosis of the hydraulic and operating conditions (ruptures/obstruction) of the wastewater collection network (inspection by video test) Replacement and/or repair of the wastewater collection networks identified as requiring recovery of useful life

INTERCEPTOR / TRUNK COLLECTOR / OUTFALL	
Corrective Maintenance	Interceptor repair (rupture, displacement, etc.), cleaning of inspection manhole
Preventive Maintenance	Cleaning of the wastewater collection network by hydrojetting and suction through the inspection manholes
Preventive Maintenance	Diagnosis of the hydraulic and operating conditions (ruptures/obstruction) - (inspection by video test) Replacement and/or repair of the listed piping with prognosis for recovery of useful life

BUILDING CONNECTIONS	
Corrective Maintenance	Repair of piping and sidewalk box (rupture), unclogging of the building service connection piping (from the sidewalk box to the network) Cleaning of sidewalk box
Preventive Maintenance	Cleaning of the building service connection by hydrojetting Inspection of irregular building connections involving discharge of rainwater, lowering of the groundwater table, swimming pool water, etc.
Preventive Maintenance	Diagnosis of the hydraulic conditions of the building connection (flow rate, water depth) for future replacement

WASTEWATER PUMPING STATION	
Corrective Maintenance	Repair of isolation, check, relief, and drain valves Repair of screening and equipment for removal of coarse solids Repair of the force main riser/piping (piping, valves, air valves, connections, etc.) Repair of pump, etc. Repair of motor, etc. Repair of electrical installation (cable network, relay, circuit breaker, timer, contactor, etc.) Repair of monitoring system sensors Repair of the generator set Repair of the hydropneumatic tank
Preventive Maintenance	Removal of excess coarse solid waste, sand, and sludge Planned replacement of bearings, hydraulic seal, packing, impellers, etc. Lubrication of electromechanical equipment Replacement of sensors (flow rate, pressure, rotation, temperature, suction well level, etc.) Upkeep of the pump house grounds (grass cutting, fencing, etc.) Upkeep of the pump house (painting, hydraulic systems, roofing, etc.) Replacement of fluids, filters, fuel, etc. of the generator set Replacement of the bladders/chamber of the hydropneumatic tank
Preventive Maintenance	Diagnosis of the hydraulic conditions of the WPS (performance, flow rate, rotation, vibration) for future replacement and/or rehabilitation of the equipment

WASTEWATER TREATMENT PLANT	
Corrective Maintenance	Repair of hydraulic block piping (corrosion and breakage) Rehabilitation of the filter layer (gravel) in the drying bed Rehabilitation of sludge scrapers and overhead cranes Rehabilitation of gas burners Repair of sludge pump (bearing, seal, packing, rotating assembly, impeller, etc.) Repair of motor (bearings, motor shaft, rewinding, etc.) Repair of generator set Repair of electrical installation (cable network, relay, circuit breaker, timer, contactor, control and metering, etc.) Repair of air blowers and diffuser (bearing, seal, fan, etc.) Repair of ponds, reactors, filters, tanks, etc
Preventive Maintenance	Planned replacement of mechanical components (bearing, seal, packing, rotating assembly, impeller, etc.) Planned replacement of measurement sensors (flow rate, pressure, DO, SS, voltage, etc.) Maintenance of metering components and replacement of sensors Upkeep of the WWTP grounds (grass, internal roads, fences, etc.) Painting of facilities (piping, guardrails, hydraulic block, etc.)
Preventive Maintenance	Diagnosis of the hydraulic/electrical parameters of the electromechanical equipment in order to identify operational improvements Planned replacement of hydraulic block piping and of the motor pump set Diagnosis of the physical, chemical, and biological parameters of the effluent

With respect to corrective maintenance, timeliness in remedying failures is of the utmost importance, since it reflects the customer's perception and assessment of the service provided. Accordingly, in the section of the OPERATIONAL PLAN relating to corrective maintenance, the CONCESSIONAIRE shall propose deadlines and services, in addition to complying with the deadlines and services defined in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS.

Additional services are also contemplated, relating to service requests from USERS and the GRANTING AUTHORITY which may eventually generate new demands.

The services and the service response times shall be agreed upon by CAGECE, the CONCESSIONAIRE, and the Regulatory Agency.

The service response time is defined as the period elapsed between the request for the service by the USER and/or CAGECE and the moment of its effective completion. Failure to comply with the stipulated deadlines shall give rise to a penalty on the MONTHLY CONSIDERATION.

5.5 SAFETY PROCEDURES

The occupational safety and health procedures prescribed by the Ministry of Labor shall be adopted during the performance of the various operational, maintenance, and expansion activities of the wastewater systems. Special attention shall be given to activities of an unhealthy and/or hazardous nature, inherent to wastewater structures, the handling of chemical products, or activities related to energized networks.

5.6 OPERATION CONTINGENCY PLAN

The SYSTEM shall have contingency plans for the purpose of describing the measures to be taken by the CONCESSIONAIRE, including the activation of manual procedures, so that its vital processes may return to full operation, or to a minimally acceptable condition, as quickly as possible, thus avoiding a prolonged interruption that may cause greater losses to the CONCESSIONAIRE, such as sanctions by environmental or regulatory authorities.

The contingency plan to be prepared by the CONCESSIONAIRE shall map the most critical risks and define the technical, operational, and administrative actions to address emergencies, also observing the general conditions regarding safety, contingency, and emergency measures, including with respect to rationing, as set forth in ANA Resolution No. 230/2024. In this contingency plan, for all operational units, at least the following stages shall be described:

- i. Mapping of the risks of occurrence of floods, inundations, and landslides on slopes affecting units comprising the SYSTEM.
- ii. Mapping of the incidence of risks of prolonged power interruption.
- iii. Mapping of risks related to the rupture of wastewater force mains installed on public roads.
- iv. Mapping of risks related to leakage of chemical products at the WWTPs and their impact on the environment.



- v. Mapping of the areas with a high incidence of wastewater backflow into residences, arising from rainwater due to irregular use of the connection.
- vi. Mapping of risks of wastewater leakage or overflow at pumping stations, wastewater collection network, inspection manholes, interceptors, outfalls, and WWTPs, and their impacts on water bodies.
- vii. Mapping of the risk of failure in the automation system communication.
- viii. Other less significant risks to be mapped.

The protocol of responsibilities shall also be included, as well as the procedures to be adopted on an emergency basis in order to minimize the risk of operational damage upon the occurrence of such events.

5.7 TRAINING PLAN FOR THE OPERATION AND MAINTENANCE TEAMS

The training of the operation and maintenance teams of the SYSTEM, including those that will work in the OCCs, shall be planned in order to ensure the quality of services provision in accordance with the standards and procedures adopted. The planning of the training of the teams shall address the following aspects:

- i. OCC Operation Teams: training shall be provided to all members of the operator team, covering the architecture of the OCC system, the system operation information and data that may trigger remedial actions, and shall also detail a protocol for operational failure routines, the practices for restoring normal operation, and the event communication hierarchies defined in the operation manual.
- ii. Operation and Maintenance Teams of the SYSTEM Structures: training shall be provided to all team members, covering the operation and maintenance procedures, including Theoretical Training, Practical Training, and occupational safety and health standards.

5.8 TESTING AND QUALITY CONTROL LABORATORIES

The CONCESSIONAIRE shall carry out quality control of the treated wastewater and, whenever required by the environmental authorities, of the receiving water bodies.

To that end, the analyses and tests related to operational control shall be performed by an in-house or outsourced laboratory, with regional coverage, capable of measuring all control parameters established in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS.



In the case of daily tests and analyses, performance by a local laboratory shall be mandatory, as is typically the case for analyses of pH, temperature, floating materials, settleable solids, and residual chlorine in WWTPs using chlorination processes, in addition to those set forth in the MONITORING PLAN.

For the analyses and tests related to statutory quality control and associated with the performance indicators, the CONCESSIONAIRE shall use laboratories accredited to ISO/IEC 17025 for all parameters to be analyzed and required under the municipal, state, or federal legislation in force, and any amendments thereto.

CAGECE, the INDEPENDENT VERIFIER, and the REGULATORY AGENCY, as well as any other competent authority, may carry out effluent sampling campaigns for inspection purposes, whenever necessary.

5.8.1 Quality Control of Treated Wastewater and Receiving Water Bodies

The quality of the final effluent is the main factor to be monitored at the Wastewater Treatment Plants. This obligation reflects the CONCESSIONAIRE's commitment to environmental preservation, especially of water resources, and is specified in the Performance Indicators Table, for which the analysis parameters, acceptance standards, and periodicity to be observed are established.

Compliance with this obligation presupposes effective operation of the treatment unit, designed and built in a manner appropriate to the preservation of the receiving water body. The obligations relate to the means of measuring the indicator, for which the minimum laboratory analysis procedures shall be adopted.

The verifications shall be carried out by means of laboratory analyses of the conditions, parameters, and discharge standards required under the environmental licenses, in compliance with the applicable municipal, state, and/or federal legislation and its updates.

The quality control of the wastewater discharged by the treatment plant and of its respective receiving water body shall fully comply with the requirements set forth in the operating license.

The CONCESSIONAIRE shall install laboratories to serve all Wastewater Treatment Plants for purposes of carrying out routine analyses, and shall have and demonstrate that its quality management system complies with ISO/IEC 17025. It shall also maintain valid calibration certificates for the quality sensors, equipment, glassware, and reference materials used in the laboratory analyses, issued by companies accredited

by the Brazilian Calibration Network (RBC) or another entity accredited by the National Institute of Metrology, Quality and Technology (INMETRO).

Should the CONCESSIONAIRE choose to subcontract the effluent quality monitoring service, the subcontracted service provider shall mandatorily hold accreditation under ISO/IEC 17025.

In addition, operating instructions, included in the OPERATIONAL PLAN, shall be prepared for the determination of each analysis to be carried out. The CONCESSIONAIRE shall ensure that all collected wastewater is properly treated and that its effluent presents parameter results in accordance with the applicable municipal, state, and/or federal legislation and its updates.

With respect to wastewater discharge, the CONCESSIONAIRE shall observe the classification of the water bodies, also in accordance with the applicable municipal, state, and/or federal legislation and its updates.

6. SOCIO-ENVIRONMENTAL AWARENESS PROGRAM IN THE COVERAGE AREA

Without prejudice to the other measures provided for in the CONTRACT for purposes of socio-environmental accountability, the CONCESSIONAIRE shall develop and implement a SOCIO-ENVIRONMENTAL AWARENESS PROGRAM aimed at social awareness, considering that the benefits arising from services provision are not always perceived by the entire community.

The SOCIO-ENVIRONMENTAL AWARENESS PROGRAM shall be submitted by the CONCESSIONAIRE to the GRANTING AUTHORITY, for prior approval, within up to 60 days before the end of the SYSTEM ASSISTED OPERATION, in order to enable its implementation as from the assumption of SYSTEM OPERATION by the CONCESSIONAIRE.

In this context, the GRANTING AUTHORITY is committed to submit, within a maximum period of 30 days counted from receipt of the SOCIO-ENVIRONMENTAL AWARENESS PROGRAM, its comments on the document, and may request adjustments or already express its consent to the proposed program. In the event of a request for adjustments, the CONCESSIONAIRE shall resubmit the SOCIO-ENVIRONMENTAL AWARENESS PROGRAM, in an adjusted version, within 10 (ten) days counted from receipt of the statement issued by the GRANTING AUTHORITY.

The main objective of the SOCIO-ENVIRONMENTAL AWARENESS PROGRAM shall be to develop actions aimed at raising awareness among the populations of the MUNICIPALITIES within the COVERAGE AREAS regarding the sustainable aspect of the



CONCESSION, so as to foster the integration of individuals into the benefits arising from the CONCESSION.

The SOCIO-ENVIRONMENTAL AWARENESS PROGRAM shall be developed by the CONCESSIONAIRE so as to be implemented on a permanent and continuous basis throughout the term of the CONCESSION.

The referred program shall pursue the following results:

- i. Effective interconnection of the wastewater network of the properties to the wastewater collection network made available.
- ii. Disconnection of the wastewater collection network made available from rainwater contributions from gutters, yards, and gardens.
- iii. Environmental sustainability and reduction of the environmental impact of the operations of the SYSTEM, in accordance with the parameters to be adopted by the CONCESSIONAIRE in the Environmental Management System (EMS) to be implemented under the terms of the CONTRACT.
- iv. Promotion of environmental education aimed at the population covered in the areas that will receive works for implementation and expansion of the wastewater collection network, with a view to raising awareness of its importance and seeking to minimize the perception of disruption caused during its execution.
- v. Raising awareness among the population in order to avoid the improper disposal of solid waste and oils into the wastewater collection network.
- vi. Promoting social benefits in communities in situations of social vulnerability.
- vii. Raising awareness among the population regarding the frauds occurring in the water supply systems and wastewater systems, as well as the responsibility of users to report the existence of such frauds.
- viii. Raising awareness among the population regarding adherence to the water supply system in cases of properties using alternative water supply sources.
- ix. Raising awareness among the population regarding the importance of the activities related to updating the property records.

The specific objectives of the SOCIO-ENVIRONMENTAL AWARENESS PROGRAM are those described below and shall form part of the action plan:

- i. Raise awareness of, communicate to, and encourage the benefited community regarding the importance of wastewater services and the commercial activities under the responsibility of the CONCESSIONAIRE, especially for public health and for socio-economic and environmental sustainability.



- ii. Raise awareness of, communicate to, and encourage the population to carry out building connections to the wastewater collection network and to adopt habits and practices that lead to the proper use of sanitary facilities.
- iii. Carry out actions and social activities in communities in situations of social vulnerability or with low HDI, identified in a socio-territorial diagnosis, such as professional qualification workshops, income generation workshops, environmental education workshops, etc.
- iv. Foster and implement processes and practices that encourage sustainability and efficiency in the activities.

The CONCESSIONAIRE shall be responsible for the preparation, execution, monitoring, and assessment of the SOCIO-ENVIRONMENTAL AWARENESS PROGRAM, as well as for the costs arising from such services, engagement of a qualified technical team, reproduction of materials and didactic and communication resources, and the equipment necessary for the full development of the actions.

The SOCIO-ENVIRONMENTAL AWARENESS PROGRAM prepared by the CONCESSIONAIRE shall also contain the guidelines for the social work projects and ACTION PLANS aimed at local economic development, environmental and heritage education, in addition to strengthening the image of the partnership between the GRANTING AUTHORITY and the CONCESSIONAIRE.

The MUNICIPALITIES comprising the SERVICE PROVIDER'S COVERAGE AREA shall be the main partners of the program, which shall not preclude the CONCESSIONAIRE from establishing partnerships with other local and regional entities.

Each ACTION PLAN within the scope of the SOCIO-ENVIRONMENTAL AWARENESS PROGRAM shall contain at least:

- i. Specific objectives.
- ii. Description of the activities.
- iii. Initial and final execution periods.
- iv. Technical professionals responsible.
- v. Expected results.

In order to carry out works execution for establishment, expansion, or improvement of the WASTEWATER SYSTEM, socio-environmental actions shall be carried implemented before, during, and after completion of the works.

As the projects associated with the SYSTEM IMPROVEMENT WORKS are planned for execution, the CONCESSIONAIRE shall prepare and submit to the GRANTING AUTHORITY, for approval, the Social Technical Project, specific to each intervention area directly impacted by the implementation of the new projects.



For works involving improvements and expansions of the SYSTEM with lesser impact on the community, the SOCIO-ENVIRONMENTAL AWARENESS PROGRAM shall provide for actions to monitor the families directly impacted, and, in such cases, preparation of a Simplified Social Technical Project shall be permitted, provided that the GRANTING AUTHORITY gives its consent, with provision for social communication and work monitoring actions (before and during the intervention period), based on the definition of territories or micro-areas of intervention. For the Simplified Social Technical Project, there are situations in which the GRANTING AUTHORITY, when consulted by the CONCESSIONAIRE, may waive the diagnostic stage.

6.1 Preparation of the Social Technical Project (STP) by intervention area/municipality

The Social Technical Project, for each intervention area of the SYSTEM IMPROVEMENT WORKS, shall be prepared and executed containing, at a minimum:

- i. **Diagnosis:** the CONCESSIONAIRE shall carry out the socio-environmental and territorial diagnosis as a preliminary activity in the formulation of the Social Technical Project, with community involvement and participation, based on primary data collection.
- ii. **Justification:** list and present the reasons for implementation of the STP in the intervention area.
- iii. **Objectives:** define the general and specific objectives, which shall be specifically related to the social work and the proposed intervention.
- iv. **Methodology:** describe the social work strategies, addressing, at a minimum, the activities to be carried out, the targets for achieving the proposed objective, the target audience, and the materials, instruments, and techniques to be used.
- v. **Indicators:** define the process and outcome indicators for monitoring and assessing the socio-educational actions and the achievement of the proposed objectives of the STP or Simplified STP.
- vi. **Composition of the technical team:** define the team responsible for the socio-educational activities, as well as the responsibilities of each member, according to the scale of the intervention.
- vii. **Schedule:** it shall be compatible with the planning and execution of the engineering interventions, containing the planning of the actions and the delivery of the periodic reports.

In the development of the socio-educational actions to be provided for in the methodology of the STPs, the CONCESSIONAIRE shall present, as part of the mandatory minimum scope:

- i. **Action 1: Research for socio-environmental diagnosis**



The CONCESSIONAIRE shall apply the socio-environmental survey for data collection in order to identify the socio-economic conditions of the beneficiary community, the characteristics and infrastructure of the properties, the health condition of the residents, in addition to collecting socio-cultural information, as well as the residents' opinion regarding the works, for purposes of preparing the diagnosis.

ii. Action 2: Alignment with construction operators

In order to broaden the reach of the information, it is essential to carry out an alignment process with the workers before the beginning of execution of the works, in order to convey information regarding the professional posture and conduct of such workers in relation to the community.

iii. Action 3: Formation and meetings of the Social Committee for Monitoring the Works

The socio-organizational development action shall take place through the composition of and support for the social committees for monitoring the works, created to integrate the beneficiary population into the project. For this action, community meetings shall be held, together with coordination with social actors or already formed community groups, in order to consolidate the formation of such committees, which may operate in person and/or virtually, depending on the characteristics of the community.

The committee may be formed based on the identification of leaders/opinion-makers, as well as from groups already established within the area to be covered.

According to the proposal for group formation, the role of the committee and the manner in which it will act shall be detailed.

iv. Action 4: Home visits for awareness-raising and work monitoring

In order to disseminate information regarding the intervention, the team shall carry out home visits to all properties that will benefit from the wastewater works. Such visits shall allow broad communication between the social team and the community and shall serve as a means of disseminating information regarding the project.

The dissemination of information is intended to raise awareness among families so that they understand the importance of the wastewater system for promoting public health and quality of life, in addition to fostering acceptance and use of the implemented system. During the visits, the responsible professional shall provide clarification regarding the items included in the engineering project for the area, such as: the function and proper use of the wastewater system, the implementation of the building connection, the expected interconnection to the collection box, the tariffing of the wastewater collection and treatment service, among other information.



This action shall take place throughout the execution process of the works, in order to reach all existing properties in the interference area, so that all of them are visited and their residents receive information regarding the project and its benefits. If it is not possible to contact the resident at the time of the visit, return visits or other contact strategies shall be carried out, so as to make it possible to pass the information on to the beneficiaries.

The CONCESSIONAIRE shall demonstrate the performance of the activities carried out within the scope of the SOCIO-ENVIRONMENTAL AWARENESS PROGRAM, the Action Plans, and the STPs by means of the preparation of reports, which shall be divided into periodic reports and a final report.

6.1.1 PERIODIC REPORTS

The periodic reports of the Social Technical Projects - STPs shall be submitted to the GRANTING AUTHORITY for monitoring of the socio-educational activities implemented and shall be delivered monthly, by the 5th (fifth) business day of the subsequent month, as from the reference period marking the commencement of execution of the project.

The structure of the report shall be at the discretion of the CONCESSIONAIRE and shall contain, at a minimum, the following information:

- i. Identification:
 - a. Interference area
 - b. technical professionals responsible
 - c. Reference period

- ii. Description of the activities carried out
 - a. Methodological detailing of the execution, including the stages of the action, date, executing team, and actions' target audience;
 - b. Identification of the instruments and techniques used;
 - c. Planned but not carried out activities: justification and forecast of new execution date;
 - d. Unplanned but carried out activities.

- iii. Means of verification and record of the activities
 - a. Photographic record;
 - b. Photographic record;
 - c. Templates of the forms/instruments used in the execution of the actions;
 - d. Copy of the notices used;
 - e. Tabulation and analysis of various data (systematization of information).

- iv. Evaluation of the activities carried out

- a. Evaluation of the actions by the executing technical team, containing a brief account of the facilitating aspects and hindering aspects, with the respective alternative solutions;
- b. Adequacy of the techniques and instruments provided for;
- c. Main results obtained;
- d. Evaluation of the process indicators;
- e. Participation and involvement of the beneficiaries;

v. Involvement of partners in the development of the STP

- a. Integration between execution of the STP and the engineering project/actions;
- b. Integration of the STP with other social projects developed in the area.

vi. Evaluation of the actions by the population served

- a. Evaluation instruments used (questionnaire, survey, evaluation meeting, others);
- b. Tabulation and analysis of the results of the evaluation applied.

6.1.2 Final Report

The Final Report is the systematization of all actions carried out and a technical evaluation of the overall development of the social work provided for in the STP, its relation to the progress of the works, and an evaluation of the achievement of the proposed objectives by means of the presentation of the final results and analysis of the indicators.

For simplified STPs, only the Final Report shall apply.

6.2 Other Obligations of the CONCESSIONAIRE

The CONCESSIONAIRE shall observe the following deadlines associated with the socio-environmental actions:

- i. Submit the Social Technical Project or Simplified Social Technical Project no later than 60 (sixty) days prior to the commencement of execution of the projects.
- ii. Initiate the socio-environmental actions at least 30 days before the commencement of each work's execution.
- iii. Submit monthly, by the 15th business day of the current month, through a communication channel previously established with the GRANTING AUTHORITY, the schedule of activities planned for the following month, containing information on the action, date, time, and place, in order to enable the GRANTING AUTHORITY to participate in the actions carried out with the communities.
- iv. If the deadlines associated with the engineering projects or execution of the projects are rescheduled and affect the initial content or the execution



schedule of the already approved STP, the rescheduling carried out by the CONCESSIONAIRE shall be communicated to the GRANTING AUTHORITY.

- v. In cases of free intradomiciliary interconnection of the property by the CONCESSIONAIRE, it shall ensure that the person responsible for the property is aware that the charges for the wastewater collection and treatment services shall be imposed in accordance with the period and conditions defined by the GRANTING AUTHORITY.
- vi. Review the SOCIO-ENVIRONMENTAL AWARENESS PROGRAM annually and submit it to the GRANTING AUTHORITY for consideration within no more than 30 (thirty) calendar days after the anniversary date of SYSTEM OPERATION. The GRANTING AUTHORITY shall comment within a maximum period of 30 (thirty) days for purposes of requesting any adjustments, and the CONCESSIONAIRE shall submit, within up to 10 (ten) calendar days, the final revised version of the SOCIO-ENVIRONMENTAL AWARENESS PROGRAM for the current year.

The CONCESSIONAIRE shall be responsible for the execution, monitoring, and evaluation of the SOCIO-ENVIRONMENTAL AWARENESS PROGRAM, the Action Plans, and the Social Technical Projects, as well as for the costs arising from such services, such as the engagement of a qualified technical team, reproduction of materials and didactic and communication resources, and the equipment necessary for the full development of the actions.

Should there be a possibility of entering into partnerships with other social projects, the CONCESSIONAIRE shall submit the relevant proposal for approval by the GRANTING AUTHORITY, indicating the CONCESSIONAIRE's role, responsibilities, and duties within the partnership.

All graphic materials for presentation to and/or distribution to the population shall contain the identification of CAGECE and of the CONCESSIONAIRE. Such material shall be previously approved by the social and communication area of the GRANTING AUTHORITY.

The CONCESSIONAIRE shall maintain facilitated access for guided technical visits to the wastewater operational units promoted by the GRANTING AUTHORITY for its external public, provided that the GRANTING AUTHORITY formalizes the request at least 3 (three) business days in advance, and the CONCESSIONAIRE shall designate the technical professional who will conduct the visit and/or presentation to the participants.

7. COMMERCIAL MANAGEMENT

Apparent loss corresponds to the volume of water that, after being produced and distributed, is not accounted for by the sanitation company for billing and collection purposes, as a result of metering errors in the water meters, the various forms of existing fraud, or failures in the company's commercial records.

For properties without water metering, which use wells, the volume for billing by the CONCESSIONAIRE shall be defined in accordance with CAGECE's commercial rules, approved by the REGULATORY AGENCY.

The CONCESSIONAIRE shall act in compliance with CAGECE's commercial policy.

Accordingly, it is hereby established that the programs for replacement, transfer, and relocation of water meters, implementation of metering in alternative water supply sources, fraud verification services, records updating, and telemetry of strategic customers shall be executed by the CONCESSIONAIRE ("COMMERCIAL PROGRAMS") within the SERVICE PROVIDER'S COVERAGE AREA, within the minimum scopes defined below.

7.1 PROGRAM FOR REPLACEMENT, IMPLEMENTATION OF METERING IN ALTERNATIVE SOURCES FOR WASTEWATER BILLING, TRANSFER AND RELOCATION OF WATER METERS

The CONCESSIONAIRE shall be responsible for carrying out all investments in water meters required for the maintenance of the water meter stock in the MUNICIPALITIES, districts and/or localities within the SERVICE PROVIDER'S COVERAGE AREA of LOT [•], including within its scope everything from their acquisition to the services inherent to the replacement or installation of the equipment, as well as all materials and services such as excavation, backfilling, repaving, meter boxes, valves, seals, connections, and others.

For purposes of carrying out the water meter transfer and relocation services, the CONCESSIONAIRE shall perform the removal, relocation and/or transfer of the existing water meters installed in the interior portion of the properties to their exterior portion, including bearing all costs necessary for the acquisition of materials and services for the readjustment of the building connection and reinstallation of the water meters, and shall perform such services within up to 03 years for all MUNICIPALITIES, after issuance of the SYSTEM TRANSFER TERM. A new service connection shall be executed for the purposes of the water meter transfer services, and the existing service connection may not be reused. The performance of the water meter transfer or relocation services



shall comply with CAGECE's standards in force, and the CONCESSIONAIRE shall execute at least 1/3 per year of the total services provided for, until completion in year 03. Table 2 sets forth the quantity of water meter transfer and relocation services by municipality.



Table 2 - Quantities of water meter relocation and transfer services by municipality.

Municipality	Quantity of water meter transfer services	Quantity of water meter relocation services
Abaiara	40	94
Acarape	236	549
Acaraú	226	526
Acopiara	898	2094
Alcântaras	129	301
Altaneira	233	542
Alto santo	30	71
Antonina do Norte	309	720
Apuiarés	99	231
Aracati	675	1574
Aracoiaba	292	681
Ararendá	12	29
Araripe	401	934
Aratuba	84	196
Arneiroz	73	171
Assaré	451	1053
Aurora	475	1109
Baixio	105	246
Barreira	164	381
Barro	328	766
Barroquinha	207	483
Baturité	183	427
Beberibe	164	384
Bela cruz	98	230
Campos Sales	732	1708
Capistrano	99	232
Caridade	82	192
Cariré	114	266
Carnaubal	206	479
Catarina	177	414
Catunda	96	225
Cedro	452	1056
Chaval	74	171
Choró	27	64
Coreaú	302	704
Crateús	997	2325
Croatá	11	24
Cruz	109	255
Ereré	11	25
Forquilha	567	1324
Fortim	82	192



Frecheirinha	353	822
General Sampaio	26	60
Graça	155	363
Granjeiro	41	94
Groáiras	134	312
Guaraciaba do Norte	204	475
Guaramiranga	13	29
Hidrolândia	86	200
Ibaretama	2	6
Ibiapina	387	902
Ibicuitinga	47	111
Independência	56	131
Ipaumirim	313	729
Iracema	29	68
Irauçuba	204	475
Itaíçaba	23	54
Itapipoca	239	559
Itapiúna	152	353
Itarema	117	272
Itatira	326	760
Jaguaretama	56	132
Jaguaribara	11	25
Jaguaruana	158	367
Jati	152	355
Jijoca de Jericoacoara	143	334
Lavras da Mangabeira	846	1975
Marco	403	941
Martinópolis	140	327
Massapê	369	860
Mauriti	325	759
Meruoca	67	157
Milagres	375	874
Miraíma	46	106
Mombaça	331	771
Monsenhor Tabosa	357	833
Moraújo	51	118
Morrinhos	113	262
Mucambo	279	652
Mulungu	98	228
Novo Oriente	318	743
Ocara	123	286
Orós	306	715



Pacoti	54	127
Pacujá	138	322
Palhano	72	169
Palmácia	78	181
Parambu	347	810
Paramoti	41	96
Penaforte	211	492
Pentecoste	177	412
Pereiro	52	120
Piquet Carneiro	43	100
Pires Ferreira	14	33
Poranga	483	1126
Porteiras	134	313
Potengi	212	496
Potiretama	20	45
Quiterianópolis	68	157
Quixadá	418	974
Quixeré	68	158
Redenção	472	1101
Reriutaba	98	227
Russas	272	636
Saboeiro	353	825
Salitre	152	354
Santa Quitéria	239	557
Santana do Acaraú	206	480
São Benedito	717	1674
Senador Pompeu	308	719
Senador Sá	55	128
Sobral	47	108
Tabuleiro do Norte	220	514
Tamboril	214	499
Tarrafas	101	234
Tauá	1262	2944
Tejuçuoca	48	113
Tianguá	903	2107
Tururu	62	146
Ubajara	416	970
Umari	105	244
Umirim	217	507
Uruburetama	330	769
Uruoca	176	410
Varjota	207	482
Várzea alegre	1522	3551
Viçosa do Ceará	76	178



The acquisition of water meters shall be carried out in accordance with the conditions established by INMETRO Ordinance No. 155, dated March 30, 2022, and its respective Metrological Technical Regulation (or any subsequent regulation that may replace it), considering the meter's useful life, the performance curve according to its model, sizing errors, changes in the customer's consumption profile, installation position causing premature wear of the gears, or physical damage to the water meter caused, for example, by fraud. Technologies with a useful life of less than 5 (five) years shall not be accepted for the water meter replacement service.

The metering programs shall include the proper sizing of the service connections and water meters to be installed, according to the consumption profile of the connection.

All batches of new water meters acquired by the CONCESSIONAIRE, before being installed at the consumer units, shall be inspected on a sample basis at CAGECE's hydrometry laboratory, accredited under ISO/IEC 17025, or inspected at the manufacturer's premises, such inspections being carried out by technicians from CAGECE's hydrometry laboratory, with the costs of such tests, including airfare, lodging, and transportation, being borne in full by the CONCESSIONAIRE.

The CONCESSIONAIRE shall bear the costs of the water meter inspection carried out at CAGECE's hydrometry laboratory, in accordance with CAGECE's user service price table.

All water meters in the fleet shall be of a typology provided for in the applicable NBR and homologated by INMETRO. It should also be noted that every new water connection shall be equipped with a water meter, and that the time in service of the water meters shall comply with the age limit indicator applicable to the corresponding water meters set forth in EXHIBIT III - PERFORMANCE INDICATORS AND SERVICE TARGETS.

Based on the database provided by CAGECE, the CONCESSIONAIRE shall replace all water meters classified as "non-compliant", in accordance with CAGECE's procedures and standards, including those that become "non-compliant" during the concession period, observing the deadlines established by CAGECE.

In the first year of the concession, the CONCESSIONAIRE shall execute all services relating to non-compliant water meters, and throughout the entire concession term, the CONCESSIONAIRE shall also carry out the preventive replacement of the water meter stock, maintaining all installed water meters within the useful life indicated by CAGECE, as set forth in Table 3.



Table 3 - Useful life of the water meter by capacity.

Water Meter Capacity Qn or Q3 (m ³ /h) – DN (mm)	Type and Class	Maximum Age (months)
Qn: 1,5 m ³ /h – 20 mm	Velocity Meter Class B and C	60
Qn: ≥ 3,5 m ³ /h – 25 mm	Velocity Meter Class B	48
Qn: ≥ 10 m ³ /h – 40 a 150 mm	Velocity Meter or Woltmann Class B	36
Q3: 2,5 m ³ /h - 20 mm	Volumetric	84
Q3: ≥ 2,5 m ³ /h - 20 a 150 mm	Ultrasonic	120

Management of the Preventive and Corrective Replacement of the Water Meter Stock shall be carried out by CAGECE on a shared basis with the CONCESSIONAIRE, in accordance with the criteria defined in Operational Procedure POPMED067 - Water Meter Stock Management, and any subsequent updates thereto.

Water meters presenting the best efficiencies and accuracies in accordance with the operational reality and the customer profile shall be used. Replacement of a water meter by another with inferior efficiency and accuracy characteristics shall only be permitted where the impossibility of using the technology being adopted is duly demonstrated on technical grounds.

The water meters shall preferably be of the volumetric type or of superior performance. Exceptionally, velocity meters may be used, provided that their use is duly justified and subject to CAGECE's approval. The CONCESSIONAIRE shall submit for CAGECE's prior approval the intended acquisition of the water meter models to be installed by the CONCESSIONAIRE. The water meters acquired shall be covered by the applicable approval Ordinances issued by INMETRO - National Institute of Metrology, Quality and Technology, and shall hold CAGECE's Technical Conformity Certificate (CCT). The batches of water meters to be installed in CAGECE's connections shall have test reports issued by accredited laboratories and shall be approved in tests conducted at CAGECE's Hydrometry Laboratory or at the manufacturer's premises. The tests shall be carried out or monitored by the technicians of CAGECE's Hydrometry Laboratory.

For the service of implementation of metering in properties with alternative sources for wastewater billing purposes, meters may be used in accordance with the monthly consumption range established in POPMED 067/20. The requested service shall be performed within a maximum period of 30 days, counted from the issuance of the service order requested by CAGECE. For execution of the service, CAGECE's commercial guidelines and conditions shall be observed. The CONCESSIONAIRE shall deliver to the customer the notices issued by CAGECE, informing the customer of the need for

regularization and/or for requesting water use permits for water abstractions from wells or other types of alternative sources.

It shall be incumbent upon the CONCESSIONAIRE to assess the feasibility of installing water meters upon receipt of the list of customers forwarded by CAGECE.

The CONCESSIONAIRE shall install water meters at the alternative water supply abstractions required by CAGECE or implement the wastewater metering system required by CAGECE for purposes of charging the wastewater tariff based on the volumes collected, in accordance with CAGECE INTERNAL STANDARD NIT 0009 – Billing of the wastewater service for customers in properties with an alternative water supply source, and any updates thereto. For purposes of carrying out the activities associated with the services for implementing metering in alternative sources, the CONCESSIONAIRE shall observe the following conditions:

- submit to CAGECE the list of customers who did not allow the collection of the data/information necessary for subsequent adoption of the applicable measures;
- verify the proper functioning of the water meters, as well as replace and/or repair them whenever necessary;
- carry out the maintenance and calibration of such water meters, ensuring the useful life of such meters in accordance with the provisions set forth in these CONCESSION SPECIFICATIONS for updating the water meter stock defined for the performance of the water meter replacement services.

Requests for services involving corrective replacement of water meters shall be performed by the CONCESSIONAIRE within the periods established by CAGECE, in order to maintain the conformity and quality of the water meter stock, also observing the conditions set forth in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS.

The periods for preventive and corrective maintenance services are set forth in POPMED 067 and any updates thereto.

WATER METERS – CAGECE STANDARD:

A water meter that complies with the specifications established by INMETRO and is approved in the metrological verification process carried out by the technicians at CAGECE's Hydrometry Laboratory or at the manufacturer's premises, characterized as follows:



- Velocity water meter, metrological class C, 45° dry register, shielded or unshielded, tempered glass dome, pre-equipped for connection to an inductive-type sensor (non-magnetic) and manually orientable up to 360°, multi-jet, magnetic transmission, direct reading, metal regulator plug in brass, reversible operation, for cold water measurement, temperature from 1°C to 40°C, and IDM equal to or greater than 95%. When installed horizontally, with the inclination of the turbine axis up to 30° to the left or right, this meter shall maintain its metrological class.

- Volumetric water meter, R 400 or greater, accuracy class 1 and/or 2, 45° or flat register, dry, tempered glass dome, pre-equipped for connection to an inductive-type sensor and manually orientable 360°, direct reading, reversible operation, IP 68, cold water measurement, temperature from 1°C to 40°C, IDM equal to or greater than 98% (error table adopted by CAGECE). When installed horizontally, with the inclination of the turbine axis up to 30° to the left or right, this meter shall maintain its metrological class.

- Ultrasonic transit-time water meter, static type, without moving parts, DN 20 mm - R400, DN 25 mm - R400, DN 40 mm - R400, accuracy class 1 and/or 2, equipped with signal cable, pulse output, and communication via radio or M-Bus/ModBus, double ultrasonic sensor, digital flat LCD display, internally battery-powered with a minimum duration of 10 years, IP 68, direct reading, for cold water measurement, temperature from 1°C to 40°C. When installed in any position, this meter shall maintain its metrological class. IDM equal to or greater than 99%.

- Ultrasonic transit-time water meter, static type, without moving parts, R 500 (DN 50 mm, 80 mm, 100 mm, and 150 mm), accuracy class 1 and/or 2, equipped with signal cable, pulse output, and communication via radio or M-Bus and/or Mod-Bus, double ultrasonic sensor, digital flat LCD display, internally battery-powered with a minimum duration of 10 years, IP 68, direct reading, for cold water measurement, temperature from 1°C to 40°C, flanged. When installed in any position, this meter shall maintain its metrological class. IDM equal to or greater than 99%.

After execution of any service involving the replacement of water meters, the water meters removed from the field shall be returned to CAGECE, following the procedures for their decommissioning and registration in the PRAX system, and adopting the procedure established by GEMED for their return.

7.2 PROGRAM FOR ELIMINATION OF FRAUD AND IRREGULARITIES

The CONCESSIONAIRE shall implement a robust anti-fraud program throughout the water supply systems and/or wastewater systems, so that, in addition to

acting upon existing fraud, there shall be permanent inspection as a means of maintaining the results already achieved and reducing cases of recurrence.

The main forms of fraud commonly detected in anti-fraud projects are: irregularities in the water meter (broken seals or damage to the device, such as perforations in the dome), clandestine connections made directly to the water supply network, water diversions upstream of the water meter (by-pass), tampering with supply suspension, unauthorized interventions in the meter installation assembly, in addition to those relating to the WASTEWATER SYSTEM, such as connection without prior authorization from CAGECE and the discharge of improper effluents into the absolute separate system.

The CONCESSIONAIRE shall cap off a customer connection when required by CAGECE.

In this context, the CONCESSIONAIRE shall have, among its obligations, participation in specific COMMERCIAL PROGRAMS, proposing projects and action plans, subject to CAGECE's approval, that contribute to the reduction of apparent losses and mitigation of business risks.

The CONCESSIONAIRE shall act in the procedures for detection and elimination of fraud in two ways:

- a) The first shall apply to those properties in which CAGECE, during its normal activities, carries out verification or identifies evidence, mainly through the meter reading and bill issuance processes, or based on analyses and studies carried out by the CONCESSIONAIRE and the GRANTING AUTHORITY, in which any occurrence is indicated. This shall generate service(s) that shall be immediately forwarded for execution by the CONCESSIONAIRE. These are usually occurrences related to violations of water supply suspensions, irregularities in the water meters along the reading routes, and other occurrences in the water supply systems or those relating to the wastewater service;
- b) The second way shall consist of the development by the CONCESSIONAIRE of annual action plans for fraud detection through inspections at customer installations, with systematized sweeps of all water and/or wastewater connections presenting some type of abnormality, throughout the term of the contract, along the service connection/protective box/water meter system. The CONCESSIONAIRE may, subject to CAGECE's approval, develop cross-checking of specific information that will indicate potential fraud or irregularities in the connections, such as "by-pass", clandestine water or wastewater connections, improper handling of the water meter by the USER, among others.

Fraud verification shall be carried out through non-destructive technologies.



Execution of the services shall comply with the same operating standards and procedures of CAGECE, including with respect to the procedure for verification of fraud and irregularities involving USERS, which shall require the initiation of sanctioning and indemnification proceedings against them. Failure to observe and apply the procedural rules for such cases involving USERS shall give rise to reimbursement by the CONCESSIONAIRE of all costs relating to recovery of consumption, fines, and resulting indemnifications.

All processing of information related to the services will be conducted electronically using CAGECE's systems; the CONCESSIONAIRE shall maintain the necessary equipment (hardware, software, and other applications) to fully meet the requirements for the real-time transfer of files for both planned and completed services.

All communication forms, information notices, notifications, and other documents relating to the USER/CAGECE relationship used by the CONCESSIONAIRE shall be approved by CAGECE. The costs arising from their design and preparation shall be borne by the CONCESSIONAIRE.

The CONCESSIONAIRE shall be subject to penalties in the event of non-compliance with the criteria set forth in the Fraud Indicator, provided for in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS of the Administrative Concession Contract.

In view of the need to increase the consumed and billed volume, CAGECE proposed inclusion of the water meter replacement and fraud detection and prevention services, actions that directly affect the loss indicator of the MUNICIPALITIES. It should be noted that the MUNICIPALITIES shall have loss targets that must mandatorily be met in order to ensure maintenance of the operating contracts for the water distribution systems. Accordingly, both the water meter replacement services and the fraud prevention and combat services, as well as other irregular uses, shall be guided, in line with CAGECE's loss reduction plans, not only by the needs related to quantification of the wastewater volume.

Following the premises described above, it was proposed to link such services to the loss targets. The LOT targets are described in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS.

Considering the distinct conditions and characteristics of the losses specific to each municipality, greater efforts shall be made in MUNICIPALITIES with higher losses or that have failed to meet the loss targets established between CAGECE and the MUNICIPALITIES, but without reducing the total target of the LOT. The CONCESSIONAIRE shall carry out fraud prevention planning on a shared basis with CAGECE, with a view to aligning it with CAGECE's planning and actions in combating losses in the

MUNICIPALITIES, and may carry out its own planning subject to CAGECE's prior approval. The adjustment factors for the service targets depend on the municipality's IPL, as set forth below, and the CONCESSIONAIRE shall be required to comply with them:

- When the IPL is less than 216 l/connection.day, the minimum IFR target for the municipality shall be 10% of the LOT target.
- When the IPL is greater than or equal to 216 l/connection.day and less than 263 l/connection.day, the minimum IFR target for the municipality shall be 20% of the LOT target.
- When the IPL is greater than or equal to 263 l/connection.day and less than 286 l/connection.day, the minimum IFR target for the municipality shall be 30% of the LOT target.
- When the IPL is greater than or equal to 286 l/connection.day and less than 303 l/connection.day, the minimum IFR target for the municipality shall be 35% of the LOT target.
- When the IPL is greater than or equal to 303 l/connection.day, the minimum IFR target for the municipality shall be greater than or equal to 40% of the LOT target.

It should be noted that the total LOT target remains unchanged despite the reduction of the targets in the MUNICIPALITIES with lower losses.

7.3 PROGRAM FOR TELEMETRY OF STRATEGIC CUSTOMERS

The CONCESSIONAIRE shall be responsible for carrying out all investments in telemetry for strategic customers necessary for the implementation and maintenance of the telemetry or remote metering system, including within the scope the acquisition of ultrasonic water meters, data transmission equipment and software, pressure sensors, as well as services related to the replacement or installation of equipment, including all materials and services such as excavation, backfilling, repaving, panels, valves, seals, connections, readjustment of the service connection, and others.

The Telemetry System shall comply with the requirements and technical conditions adopted and approved in the telemetry systems implemented by CAGECE.

The Telemetry System shall be implemented for CAGECE's strategic customers according to the minimum quantities indicated in the table below, as required by CAGECE. The deadline for implementation of telemetry for all quantities indicated in the table below shall be up to 02 years, counted from the commencement of SYSTEM OPERATION.



Table 4 - Quantities of the Strategic Customers Telemetry service by lot.

Lot	Total of Strategic Customers
1	311
2	288
3	332
4	305
5	300

The CONCESSIONAIRE shall install the telemetry equipment with data transmission, for both flow rate and pressure, on the meters, in accordance with the list of properties indicated by CAGECE.

The installation of the remote metering data analysis and transmission equipment shall not require any type of infrastructure on the part of CAGECE's customer, and such equipment shall communicate with the systems used by CAGECE to monitor the flow rate and pressure information of such customers.

The CONCESSIONAIRE shall define the data transmission technology to be used and shall be responsible for the entire installation and maintenance of the communication infrastructure, and CAGECE shall validate the technology to be implemented.

The SERVICE to be performed shall include the Management Software that will receive the field information from the water meters, using data transmission technology by any of the existing and possible means, whether combined or not, such as, for example, but not limited to: GSM / GPRS / 3G / 4G / Sigfox / LoRa / NB-IoT; Wi-Fi system; radio relay system by troposcatter, line-of-sight, or satellite; or optical fiber; etc.; to a database, and shall allow monitoring of the consumption of CAGECE's strategic customers.

The CONCESSIONAIRE shall make the customer monitoring management software available to CAGECE in an environment to be maintained by it, ensuring secure access for duly authorized CAGECE personnel.

The CONCESSIONAIRE shall comply with Federal Law No. 13,709, the General Personal Data Protection Law, in order to ensure the privacy of customer information.

The CONCESSIONAIRE shall ensure that all information collected is maintained in redundant environments, in order to ensure that such information may be recovered in the event of disasters affecting the environment in which the database containing customer information is hosted.

During the term of the contract, the CONCESSIONAIRE shall be responsible for the replacement and/or installation of the meters and/or telemetry equipment, as well as for the reinstallation and reprogramming of its data analysis and transmission equipment coupled to the meters.

Alternatively to the foregoing item, the CONCESSIONAIRE shall perform the services within up to 48 hours after communication from CAGECE.

The schedule for replacement of the meters and/or sensors upon preventive and/or corrective maintenance shall take place between 8:00 a.m. and 12:00 p.m. and between 1:00 p.m. and 5:30 p.m., and shall be communicated by CAGECE to its customers 24 hours in advance.

The data transmission costs, certification of the equipment, and approval of the complete Telemetry System by the competent authorities shall be borne by the CONCESSIONAIRE throughout the term of the contract.

The CONCESSIONAIRE shall carry out, daily, on its facilities, monitoring of alarms, analysis of the information generated by the management system, registration of the information, parameterization, management of the system users, and technical support to the CAGECE team using the Telemetry System, proposing actions arising from such activities.

The ultrasonic water meters of telemetered customers shall be preventively replaced after 10 (ten) years from installation.

7.4 RECORDS UPDATING PROGRAM

The property and customer records constitute the information base supporting the commercial system and thus enabling customer billing, in addition to supporting CAGECE's operational activities as a whole. Within a maximum period of 02 years, counted from the commencement of SYSTEM OPERATION, the CONCESSIONAIRE shall review the entire property records within the SERVICE PROVIDER'S COVERAGE AREA, including the initial registration of new properties.

The CONCESSIONAIRE shall submit monthly to the GRANTING AUTHORITY the schedule for the records updating service. Records updating services may be requested by the customer, by CAGECE, or by the CONCESSIONAIRE, such that such properties shall undergo at least one complete update within a period not exceeding 48 (forty-eight) months.

This activity consists of the identification of the properties for the operationalization of the following activities: water meter reading, bill issuance, response to user requests, billing, collection, commercialization, and making available the water supply and wastewater collection services, as well as georeferencing. The property and

customer records provide essential information for purposes of planning and services provision, as well as information on the quantities and status of the connections, thereby enabling management of service expansion and accounting for billing and revenue, in addition to measuring the customer units that are fundamental to the execution of billing.

The records updating shall comply with CAGECE's Internal Standards, as well as those of the REGULATORY AGENCIES.

The demand for the updating service may be recorded by CAGECE, by the CONCESSIONAIRE, or by the CUSTOMER through CAGECE's commercial system and auxiliary systems, such as the Geographic Information System (GIS), for field execution at the property.

In demands in which the customer is not the requesting party, the CONCESSIONAIRE shall provide prior notice, in accordance with CAGECE's current Letter of Assurance template, of the period during which it will visit the customer.

CAGECE may make the cartographic base available, where it exists, whether updated or not (it may eventually be in image or PDF format). If the overlay does not exist for any reason, the CONCESSIONAIRE shall prepare it based on field reality. Based on the cartographic base made available, or not, by CAGECE, through access to the commercial system and the georeferenced mapping systems, the CONCESSIONAIRE shall carry out the verification/updating of the lot, which is a measurement resulting from the sum, in meters and centimeters, of each property, always starting from the southernmost point of the lot.

After the overlay has been drawn, quality control shall be carried out by sampling, covering at least 10% and at most 100% of the total overlays measured and drawn.

The phase of preparing and executing the overlay in the field shall mandatorily precede the drawing in the GIS, as well as the phase of entering the information into the Commercial System and the field census using CAGECE's Property Registration Bulletin (BCI mobile).

This BCI is a form for collecting information and photographic records, containing all information to be collected from the property and the customer, in accordance with the Internal Standards and following the determinations of the REGULATORY AGENCIES. CAGECE shall make the BCI-Mobile app available, and the property and customer information shall be filled in on site.

After the form is completed in the field, CAGECE shall carry out quality control of all services performed and may reject the services in cases where they do not comply with the required standards.

The result of the records updates performed shall mandatorily be informed to the customer by means of the Registration Change Notice (CMC), in accordance with the model established by CAGECE and in compliance with the regulatory deadlines established by the REGULATORY AGENCIES. The updated information shall only take effect after such communication to the customer is evidenced in CAGECE's commercial system.

All transmission (sending and receiving) of the BCI records updating process shall be carried out via webservice using the registration application (BCI mobile) for the field census, through a 3G, 4G, 5G, or wi-fi network, that is, data upload and download shall occur via the internet. The preliminary review and validation of the consistency of the data collected in the field shall be carried out by the application itself.

All communication between the BCI and CAGECE's commercial system shall take place via tablet/smartphone; exceptionally, when it is not possible to take the tablet/smartphone into the field, the service may be performed using the BCI in printed form and subsequently entered into the tablet, without prejudice to the progress of the process, except for the photographic record, which in this case shall be absent. The scheduling shall be carried out normally with data upload and download. Paper-based scheduling shall be requested from and authorized by CAGECE.

All costs, from the acquisition of the smartphone device and other equipment/materials to execution of the services, shall be borne by the CONCESSIONAIRE, which shall follow CAGECE's technical recommendations.

In addition to the commercial system, this update shall be materialized in CAGECE's Geographic Information System (GIS), and access to CAGECE's Georeferenced Database shall be granted to the CONCESSIONAIRE. The software used for such access are QGIS and ArcGIS. The licenses for and installation of such software shall be the responsibility of the CONCESSIONAIRE. The database in question is georeferenced in the SIRGAS 2000 Geodetic System, Universal Transverse Mercator coordinates – UTM 24 S.

All deadlines for the services requested shall follow CAGECE's internal standards and be in accordance with the REGULATORY AGENCIES. The CONCESSIONAIRE, by mutual agreement with CAGECE, may propose improvements to the standard processes and procedures for updating records.

7.5 GUIDELINES FOR THE COMMERCIAL PROGRAMS

In all services executed, the CONCESSIONAIRE shall promote the recording of the mandatory information relating to the execution thereof, as well as to the records updating, in compliance with the rules and guidelines of CAGECE's commercial records, including the items relating to the number of customer units, connections, inhabitants, existence of alternative source, storage, size of the properties, type of ceramic finish, etc.

The teams responsible for executing the water meter installation and replacement services shall be instructed to carry out the activities in accordance with CAGECE's procedures.

For fraud prevention and combat, the CONCESSIONAIRE shall promote, in addition to other technological means, the geophone survey of the connections.

All results of the surveys shall be forwarded to CAGECE so that it may proceed with the relevant actions, in accordance with its internal procedures.

CAGECE's service generation process is automated, based on internal and/or external requests (demands). Internal demands are those generated automatically in the daily processing routine, usually during the night, or those generated from the information collected in the billing or operational service processes. External demands are those arising from USER requests through the customer service counter, Call Center, Internet, or any other CAGECE service channel.

Each request shall be traceable from its origin through its final completion. For each request, as many services as may be necessary may be generated until its due completion.

The CONCESSIONAIRE shall receive, in batch form, all open services (Service Orders) as they are entered, whether in batch form or individually, on an online basis. Upon each execution, the CONCESSIONAIRE shall also return the information on an online basis, individually, directly into CAGECE's centralizing system.

The CONCESSIONAIRE may indicate adjustments and changes which, if approved, may be implemented in CAGECE's standard procedures.

8. ENVIRONMENTAL GUIDELINES

The preparation of projects, implementation or expansion, and operation of the SYSTEM require compliance with the environmental guidelines in force, as set forth in the applicable legal and regulatory provisions at the federal, state, and municipal levels, as well as with the requirements established by best practices and by the competent environmental authorities, and shall be aligned with the objectives and guidelines of



CAGECE's Environmental Policy. Compliance with such provisions shall be the obligation of the CONCESSIONAIRE in connection with the projects for which it shall bear environmental responsibility.

For all purposes of liability and obligations, the CONCESSIONAIRE shall be responsible for the civil remediation of environmental liabilities arising after the assumption of SYSTEM OPERATION. In addition to the obligations related to the legality of the operations, good practices in the use and preservation of natural resources shall also be commitments of the CONCESSIONAIRE.

The CONCESSIONAIRE shall enter into Commitment Terms with the competent environmental authorities and/or oversight bodies in compliance with the requirements established pursuant to Article 44 of Federal Law No. 11,445/2007, as amended by Federal Law No. 14,026/2020, and shall also be aligned with the performance measurement mechanisms for purposes of verification of its environmental compliance in accordance with EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS. It should also be noted that the CONCESSIONAIRE shall comply with the recommendations and requirements issued by the environmental authorities and/or inspecting bodies for the follow-up and monitoring of the actions and measures proposed in the Commitment Terms.

The most up-to-date environmental licenses may be consulted at the websites of the environmental authorities: <https://mobile.semace.ce.gov.br/consultaProcesso>

8.1 ENVIRONMENTAL LICENSING PROCESS

The environmental licensing process for the SYSTEM comprises, on the part of the CONCESSIONAIRE, the submission to the competent environmental authority of the request for issuance of the relevant license according to the phase of the project and the coverage area. It may involve the application for a Preliminary License (LP), Installation License (LI), Installation and Operation License (LIO), Operating License (LO), and renewal of the LI, LIO, and LO, among others.

The licensing jurisdiction shall be determined considering the activity to be carried out, the scale of the project, the polluting potential, and the coverage area of the environmental impact to be generated. Accordingly, the licensing may be required at the federal (IBAMA), state (SEMACE), or municipal level (Municipal Department of the Environment), in accordance with the powers and duties established by the legislation in force.

The CONCESSIONAIRE shall be responsible for compliance with the environmental conditions at all licensing stages of the projects under its environmental



responsibility, including all corresponding costs. As regards conditions for which no deadlines are established in the license, compliance therewith shall be assessed on a quarterly basis; therefore, if any condition is not complied with within the period established for measurement of the IRA Indicator, as described in EXHIBIT III – PERFORMANCE INDICATORS AND SERVICE TARGETS, the license shall be deemed not complied with.

The environmental conditions relating to the systems operation shall be complied with by the CONCESSIONAIRE as from the assumption date of the definitive operation, even if title remains under CAGECE’s responsibility.

The licenses for the SYSTEM under implementation by the STATE, CAGECE, or the MUNICIPALITIES shall be filed by the party responsible for the work, who shall remain identified as responsible before the environmental authority until completion of the work. Once implementation of the work is completed and the application for the Operating License has been filed, responsibility for processing the application, obtaining the respective LO, and complying with the applicable conditions shall be transferred to the CONCESSIONAIRE, pursuant to item 4.2.1 of this EXHIBIT.

Where an LO or LIO has already been issued in the name of the party responsible for the work, the CONCESSIONAIRE shall directly adopt the necessary measures for transfer of title before the environmental authority, and CAGECE or the party responsible for the work shall refrain from creating obstacles and shall provide all necessary documentation.

The CONCESSIONAIRE shall implement an environmental management and monitoring system for the SYSTEM, including registration of licenses, authorizations, and permits, as well as a description of the conditions and their respective compliance deadlines under the environmental licenses, with the availability of a monitoring module for CAGECE, and such system shall be compatible and integrated with CAGECE’s environmental licensing system, in compliance with CAGECE’s internal standards and rules.

The CONCESSIONAIRE’s environmental management and monitoring system shall monthly feed the information and documents required in CAGECE’s environmental licensing system, thus allowing CAGECE to monitor, manage, and inspect environmental compliance in the provision of wastewater services. The deadline for implementation of such system shall be up to 6 months as from the commencement of SYSTEM OPERATION.

8.2 ENVIRONMENTAL LICENSES AND AUTHORIZATIONS

For purposes of environmental compliance, all infrastructure and activities under implementation and/or operation by the CONCESSIONAIRE shall comply with the legal requirements for licenses, authorizations, certifications, registrations, and permits required at the federal, state, and municipal levels, including maintenance of the validity of this set of documents and of the respective guidelines (such as technical conditions and validity requirements).

The CONCESSIONAIRE shall be responsible for obtaining, controlling, and monitoring all applicable environmental licenses and authorizations for the infrastructure under its operation, also encompassing the regularization of the existing units with respect to the expansions of the EXISTING SYSTEM. The CONCESSIONAIRE shall also comply with Resolution No. 02/2017 of the State Environmental Council (COEMA), which provides for the standards and conditions for discharge of liquid effluents generated by polluting sources, or any updates thereto.

At the end of the SYSTEM ASSISTED OPERATION period, all licenses and permits pertaining to the SYSTEM shall be transferred to the CONCESSIONAIRE.

Upon expiration of the contract, the CONCESSIONAIRE shall deliver the facilities in full environmental compliance, with licenses and permits valid for a minimum period of 6 (six) months, or with the relevant renewal application having been filed within the legal period, including proof of compliance with all environmental conditions satisfied during the period.

8.2.1 Renewal

Upon transfer of operational responsibility, the CONCESSIONAIRE shall submit the request for change of title of all existing licenses, authorizations, or permits.

As from such act, renewal of such licenses and maintenance of their respective validity shall be the sole responsibility of the CONCESSIONAIRE.

8.2.2 Infrastructure Expansion

Environmental compliance of the EXISTING SYSTEM expansion shall be the sole responsibility of the CONCESSIONAIRE, which shall be responsible for compliance with the environmental legislation in force and environmental studies, where applicable.

8.3 WATER USE PERMIT PROCESS

The practice of discharging treated effluents is regulated by the legislation governing permits for effluent discharge.

The CONCESSIONAIRE shall be responsible for compliance with the applicable conditions at all stages of obtaining the discharge permit for the projects under its environmental responsibility, including observance of the relevant renewal period, in accordance with the legislation in force.

8.4 LEGISLATION AND STANDARDS IN FORCE

The CONCESSIONAIRE shall be responsible for full compliance with all environmental standards and legislation in force at the federal, state, and municipal levels.

The CONCESSIONAIRE shall prioritize alternatives that minimize the environmental impacts generated and the respective compensation and compensatory measures associated therewith. The CONCESSIONAIRE shall be responsible for the execution and monitoring of the environmental compensation associated with the projects under its responsibility.

8.5 SOCIO-ENVIRONMENTAL RESPONSIBILITY AND GOOD PRACTICES

The CONCESSIONAIRE shall prepare, submit to the GRANTING AUTHORITY for approval, and implement an Environmental Management System (EMS) program for the works and actions necessary for fulfillment of the CONTRACT, the duration of which shall correspond to the term of the CONCESSION, observing, for such purpose, ABNT NBR ISO 14001.

Within the scope of the Environmental Management System (EMS), subprograms aimed at sustainable contractual execution and effective socio-environmental accountability shall be integrated. For such purpose, the CONCESSIONAIRE shall implement, at least, the following subprograms:

- i. Environmental education subprogram, comprising awareness actions for the adoption of environmentally appropriate practices in the execution of activities, inside and outside the work environment, including themes intended to train and raise awareness among employees regarding the other programs referred to in this



subclause, which shall be implemented by the CONCESSIONAIRE by the end of the third year of the CONCESSION;

- ii. Energy efficiency subprogram, comprising incentives for the use of renewable energy and high energy-efficiency equipment, which shall be implemented by the CONCESSIONAIRE by the end of the third year of the CONCESSION;
- iii. Subprogram for reduction of water consumption in operations, comprising incentives for the use of reuse water, which shall be implemented by the CONCESSIONAIRE by the end of the third year of the CONCESSION;
- iv. Subprogram for preservation of the water sources used for water supply and wastewater discharge, which shall be implemented by the CONCESSIONAIRE by the end of the third year of the CONCESSION;
- v. Subprogram for reduction and proper management of waste, especially that arising from works and from system operation, with attention to the reverse logistics of construction materials and comprising incentives for the use of recycled or recyclable inputs, in addition to environmentally sustainable inputs, which shall be implemented by the CONCESSIONAIRE within up to 12 (twelve) months after the commencement of SYSTEM OPERATION; and
- vi. Subprogram for control, improvement, and effectiveness of the Environmental Management System as a whole, comprising implementation actions, continuous monitoring, accountability, and identification of opportunities for improvement, which shall be implemented by the CONCESSIONAIRE by the end of the third year of the CONCESSION.

Furthermore, with respect to the proper management of solid waste, the CONCESSIONAIRE shall:

- i. Submit the Construction Waste Management Plans – PGRCC, approved by the respective environmental authority conducting the licensing of the project/work, and in accordance with the Terms of Reference for the Preparation of the Construction Waste Management Plan (PGRCC) for CAGECE's Works. In addition, it shall submit, every six months, the Waste



Movement Declarations obtained through the National Information System – SINIR on Solid Waste Management.

- ii. Submit the Solid Waste Management Plans – PGRS, approved by the respective environmental authority competent for licensing the project, after commencement of its operation. In addition, it shall submit, every six months, the Waste Movement Declarations obtained through the National Information System – SINIR on Solid Waste Management.

The Environmental Management System (EMS) shall also be aligned with national and international good environmental practices, including:

- iii. Prepare and maintain an internal training program for its employees regarding the proper use of resources, aimed at reducing the consumption of electric power and water, and the generation of solid waste.
- iv. Make rational use of water and train its personnel regarding the proper use of water, avoiding waste.
- v. Establish quality requirements for the acquisition and use of equipment and practices that promote the reduction of water and energy consumption, also encouraging energy efficiency.
- vi. Carry out periodic maintenance on its electrical devices and equipment.
- vii. Train its personnel regarding the rational use of inputs.
- viii. Use materials and equipment of quality and extended useful life, in order to minimize the generation of solid waste.
- ix. Implement good practices to promote the importance of services provision in basic sanitation, especially in systems located in environmental/permanent preservation areas.
- x. Undertake efforts in the management and handling of solid waste, observing the following order of priority: non-generation, reduction, reuse, recycling, treatment of solid waste, and environmentally appropriate final disposal of rejects.
- xi. Promote the use of recycled and recyclable materials and environmentally appropriate technologies in the procurement of inputs and equipment, and in works and engineering services, based on the sustainable procurement guidelines of ISO 20400.
- xii. Ensure the implementation and management of the Solidary Selective Collection Program, with the purpose of directing its waste to recycling, in accordance with the Commitment Term executed with the Government of the State of Ceará.



- xiii. Carry out a four-year inventory of the management of the solid waste generated, so as to comply with the guidelines of the National and State Solid Waste Policies.
- xiv. Use high energy-efficiency equipment, building automation, renewable energy sources, low thermal absorption materials, and other strategies for the rational use of electric power in administrative, commercial, and operational buildings.

In observance of good environmental practices, the CONCESSIONAIRE shall prepare and submit to the GRANTING AUTHORITY, on an annual basis, a Greenhouse Gas (GHG) Inventory, for purposes of calculating and quantifying all emissions, in carbon dioxide equivalent, to be neutralized, considering the activities carried out by the CONCESSIONAIRE in execution of the CONTRACT during the previous year.

Lastly, the CONCESSIONAIRE shall prepare and submit to the GRANTING AUTHORITY, on an annual basis and/or upon request, information related to sustainability, in order to support institutional reports, as provided for in CVM Resolution No. 193/2023, as subsequently amended, and in the other applicable laws and regulations.

9. GENERAL OBLIGATIONS OF THE CONCESSIONAIRE

For the full functioning of the CONTRACT, in addition to the obligations relating to Investment and to Operation and Maintenance of the SYSTEMS, there are other obligations not directly related to services provision that shall be observed by the CONCESSIONAIRE and are essential for execution of the CONTRACT.

The general obligations of the CONCESSIONAIRE, in addition to those contained in the CONTRACT and in this EXHIBIT, are:

I - Develop, with a view to execution of the services, management practices and models in accordance with international standards and norms, so as to ensure that the needs of all USERS are understood, accepted, and fulfilled, by providing structures and services in a consistent manner and with a high level of quality.

II - Be bound by the provisions of the CONTRACT, the TENDER NOTICE, and the other EXHIBITS, its COMMERCIAL PROPOSAL, the legislation in force, the applicable regulations, and the other Brazilian technical standards in force, at the federal, state, and municipal levels, with respect to execution of the Object of this TENDER NOTICE;



III - Keep its technical qualifications and licenses before the responsible authorities up to date;

IV - Consult CAGECE and obtain its express authorization, during the ADMINISTRATIVE CONCESSION, to carry out any change or inclusion of services within the scope of the ADMINISTRATIVE CONCESSION or any change to the equipment required under the TENDER NOTICE and its EXHIBITS, proceeding with the financial rebalancing of the contract in favor of CAGECE or of the CONCESSIONAIRE, if necessary;

V - Provide any clarifications requested from it and promptly address complaints regarding its services, remedying them in the shortest possible time;

VI - Immediately communicate in writing to CAGECE any irregularity identified, including of an operational nature, so that the necessary remedial measures may be adopted;

VII - Keep the facilities and equipment related to execution of the service in perfect conditions of use;

VIII - Acknowledge that it is the sole and exclusive party responsible for any damage or loss it may cause to CAGECE, to any third party's property or assets, or to any third party person, as a result of execution of the subject matter, or for damage arising from any conduct of its employees while on duty, and shall bear, at its own expense and without any burden to CAGECE, any reimbursement or indemnification that such damage or loss may entail;

IX - Fully comply with the CONTRACT, in accordance with the legal and regulatory provisions, as well as with CAGECE's determinations, as issued from time to time;

X - Comply with the requirements, recommendations, or observations made by CAGECE, within the periods established in each case;

XI - Maintain, throughout execution of the CONTRACT, all qualification and technical qualification conditions necessary for the continuity of the Investments and of SERVICES provision;

XII - Replace, within a maximum period of 72 (seventy-two) hours, counted from receipt of written notice from CAGECE to such effect, any officer, employee, assistant, agent, subcontractor, or any third party retained for execution of the SERVICES who is infringing the regulatory standards, any legal provision, or the provisions set forth in the CONTRACT;

XIII - Be liable before CAGECE and third parties for all acts and events within its competence, especially for any negligence and failures regarding obligations arising from the ADMINISTRATIVE CONCESSION;



XIV – Maintain and restore, in good operating, conservation, and safety condition, at its own expense, the assets necessary for services provision that form part of the ADMINISTRATIVE CONCESSION, throughout the term of the CONTRACT;

XV - Carry out the investments and execute the SERVICES, satisfying the conditions of regularity, continuity, efficiency, up-to-dateness, universality, comfort, hygiene, and courtesy;

XVI - Comply with the criteria, PERFORMANCE INDICATORS, and quality parameters for services provision set forth in the CONTRACT and its EXHIBITS;

XVII - Reimburse CAGECE for all disbursements arising from judicial determinations of any nature for satisfaction of obligations originally attributable to the CONCESSIONAIRE, including labor claims brought by employees or third parties connected to the CONCESSIONAIRE, as well as damages caused to customers and to control and inspecting bodies;

XVIII - Comply, with respect to its employees, with the legal requirements of labor, social security, occupational safety, and occupational medicine legislation.

XIX - Comply with the applicable environmental legislation and regulations at the federal, state, and municipal levels;

XX - Promote educational, informative, and operational campaigns for the proper fulfillment of the obligations undertaken in this CONTRACT, subject to CAGECE's prior approval;

XXI - Update annually and submit to CAGECE the inventory and records of the assets linked to this ADMINISTRATIVE CONCESSION;

XXII - Whenever served with process or notified of any judicial action or administrative proceeding that may result in liability for CAGECE, the CONCESSIONAIRE shall immediately inform CAGECE thereof, including the procedural terms and deadlines, and shall use its best efforts in the defense of the common interests, taking all appropriate procedural measures for such purpose. CAGECE may avail itself of any procedural instrument of third-party intervention;

XXIII - Prepare, jointly with CAGECE, an emergency communication plan for the events in which any occurrence may impair the SERVICES and/or the USERS.

XXV - Make available employees in the quantity necessary for services provision.

XXVI - Make available labor previously trained for the function, periodically promoting, at its own expense, general and specific training for the entire work team.

XXVIII - Keep the facilities and equipment related to execution of the service in perfect conditions of use.

XXX – Deliver to CAGECE, within a maximum period of 2 (two) years, all plans, projects, studies, and programs requested in these specifications that do not have pre-established deadlines.

9.1 LEGISLATIVE PROVISIONS

9.1.1 Federal and State Basic Sanitation Legislation

The CONCESSIONAIRE shall observe the following legal instruments:

a. The principles and guidelines set forth in Federal Law No. 11,445/2007 and, further, in Regulatory Decrees No. 7,217/2010, all of which provide for the basic sanitation policy, as amended from time to time.

9.1.2 General Legislation

The systems shall be operated in compliance with federal labor and occupational safety legislation.

The discharge of effluents from the wastewater treatment plants shall comply with CONAMA Resolution No. 430/2011, COEMA Resolution No. 02/2017, and any subsequent amendments thereto.

The guidelines set forth in State Complementary Law No. 162, dated June 20, 2016, which establishes the State Water Supply and Wastewater Policy of the State Government, State Complementary Law No. 247, dated June 18, 2021, which establishes, in the State of Ceará, the water and wastewater microregions of the west, center-north, and center-south, and their respective governance structures, as well as other related state legislation, shall be observed.

9.1.3 Municipal and/or Microregional Water and Wastewater Plans

The contractual rules shall be compatible, for each municipality, with the provisions of the respective Municipal and/or Microregional Water and Wastewater Plan, in the chapters relating to wastewater.



9.1.4 Rules and Resolutions of the Regulatory Entity

The requirements established by the Regulatory Agencies shall be complied with.

Upon publication of Federal Law No. 14,026, dated July 15, 2020, which amended Federal Law No. 11,445/2007, the National Water and Basic Sanitation Agency (ANA) became competent to issue reference standards for the regulation of public basic sanitation services by their holders and their regulatory and inspecting entities.

At the State level, the requirements established by the Regulatory Agency of the State of Ceará (Arce), established by State Law No. 14,394, dated July 7, 2009, as regulator of the services operated by CAGECE, namely Water Supply and Wastewater, shall be complied with. It is incumbent upon Arce, following the publication of ANA's Reference Standards, to publish its respective regulations in accordance with such standards. In January 2024, Arce became the sole Regulatory Entity for the water supply and wastewater services of the 184 Ceará MUNICIPALITIES, as regulated by Resolutions No. 1/MRAE-1/2023, No. 1/MRAE-2/2023, and No. 1/MRAE-3/2023, dated November 27, 2023.

The CONCESSIONAIRE shall comply with the current Arce Resolution No. 130/2010 and its updates and/or any resolutions that may replace it, which establishes the general conditions for the provision and use of public water supply and wastewater services, as well as any other future resolutions and standards establishing new conditions and/or targets for the proper provision of basic sanitation services.

9.2 GOVERNANCE PRACTICES AND ACCOUNTING BOOKKEEPING

The CONCESSIONAIRE shall observe good Corporate Governance practices, in accordance with the guidelines of the Brazilian Institute of Corporate Governance - IBGC, with the presentation of standardized accounts and financial statements, in accordance with the accounting standards and practices adopted in Brazil, as well as with the regulations of the Securities and Exchange Commission – CVM.

The CONCESSIONAIRE shall ensure that its actions are guided by the expected socio-environmental and economic return for the wastewater services, which guide the public interest involved. To that end, the principles of Corporate Governance shall foster and contribute to the achievement of the objectives of the Administrative Concession.

The CONCESSIONAIRE and CAGECE may agree upon the creation of other governance mechanisms throughout the CONCESSION.



The CONCESSIONAIRE is prohibited from adopting measures or issuing decisions that contradict or amend the provisions of the TENDER NOTICE or the CONTRACT, or that otherwise exceed the purpose of the subject matter of this contracting.

The CONCESSIONAIRE shall maintain the accounting records of all operations in accordance with the standards applicable to Publicly-Held Companies;

The CONCESSIONAIRE shall submit to CAGECE and publish, in accordance with law, its accounting and financial statements, accompanied by the report of an independent audit firm, in compliance with Law No. 6,404/76 and its subsequent amendments, the applicable CVM resolutions, or the rules that may succeed such legal instruments, highlighting the following information relating to the fiscal year ended on December 31 of the previous year:

- a) Related-Party Transactions;
- b) Management Report;
- c) Depreciation and amortization of the CONCESSIONAIRE's assets, whenever the accounting standard determines that the registration and accounting recognition of the reversible assets shall be carried out by the CONCESSIONAIRE;
- d) Provision for contingencies (labor; civil, tax, environmental, administrative, etc.);
- e) Opinion of the external auditors and of the fiscal council, if any;
- f) Statement by the CONCESSIONAIRE regarding its fully paid-in capital stock and any changes in its corporate structure;

The CONCESSIONAIRE shall be required to disclose Related-Party Transactions, in accordance with Article 247 of Law No. 6,404/76:

- a) such disclosure shall be made in the notes to the financial statements, subject to the condition that sufficient details be provided to identify the Related Party(ies) and any essential conditions inherent to the transactions referred to;

The CONCESSIONAIRE shall submit an analytical trial balance demonstrating its monthly accounting and financial position, within 10 business days counted from the last day of the month.

The CONCESSIONAIRE shall submit quarterly, within up to 45 days after the end of each quarter, the standardized financial statements, in accordance with Article 31, item II, of CVM Instruction No. 202/93 80/22, and subsequent amendments.

The CONCESSIONAIRE shall keep the inventory and the records of the Concession Assets updated, as provided for in the applicable legislation and regulations;

Whenever served with process or notified in any judicial action or administrative proceeding that may result in liability for CAGECE, the CONCESSIONAIRE shall immediately inform CAGECE thereof, including the applicable procedural terms and deadlines, and shall use its best efforts in the defense of the common interests, taking all appropriate procedural measures for such purpose. CAGECE may avail itself of any procedural instrument of third-party intervention.

9.3 INFORMATION REQUESTS

In compliance with the requirements imposed by federal, state, and/or municipal bodies and entities, the CONCESSIONAIRE is obliged to:

- I. Carry out the management of data (operational, commercial, financial, technical, administrative, among others), including the collection, critical analysis, and validation thereof;
- II. Comply with the guidelines and parameters established by such bodies and entities, as well as by CAGECE;
- III. Structure data collection in accordance with CAGECE's Corporate Geography and the existing information systems;
- IV. Make available statistics, indicators, and other relevant information for the characterization of demand;
- V. Make data and information available monthly to CAGECE's requesting areas, or in such periodicity as may be required by the GRANTING AUTHORITY, ensuring quality and consistency, as well as compliance with the applicable deadlines. The data and information shall be made available in the format indicated by CAGECE, depending on the requesting area;
- VI. Provide annual information to CAGECE's requesting areas, ensuring quality and consistency, as well as compliance with the applicable deadlines;
- VII. Provide the clarifications requested by CAGECE; and
- VIII. Ensure information security, in compliance with the applicable rules and legislation, especially the LGPD.



9.4 INSPECTION

For inspection purposes, and without prejudice to the contractual provisions, the CONCESSIONAIRE is obliged to:

- i. Provide the information and clarifications requested by CAGECE, the REGULATORY AGENCY, or the INDEPENDENT VERIFIER, ensuring them access, at any time, to all premises of the operational structures and headquarters, as well as to employee and vehicle documentation.
- ii. Clarify and seek to remedy the complaints, requirements, or observations made by CAGECE, within the deadlines established in each case.
- iii. Provide CAGECE, the REGULATORY AGENCY, and the INDEPENDENT VERIFIER with any and all documents and information relevant to the CONCESSION, allowing inspection and the performance of audits.
- iv. Implement and make available software aimed at the management of and provision of information on the CONCESSION, which shall be compatible with the systems of the GRANTING AUTHORITY, as well as enable, by means of a RESTful API, the customized export of data and access by the duly authorized professionals of the GRANTING AUTHORITY, always in compliance with the GRANTING AUTHORITY's information security and technology policy and with the General Data Protection Law.
- v. In the event of audit or verification processes conducted by control and regulatory bodies, or any inspection processes conducted by CAGECE or a third party authorized by it, facilitate and make available access to the relevant information and documentation.

9.5 OBLIGATIONS REGARDING HUMAN RESOURCES

The CONCESSIONAIRE shall implement, by the end of the 12th (twelfth) month counted from the commencement of SYSTEM OPERATION, a Human Resources Policy, containing, but not limited to, the following items:

- i. a code of conduct for workers and outsourced personnel, based on ethical principles, including the promotion of diversity and inclusion and awareness of discriminatory or violent practices inside and outside the work environment;



- ii. continuous training and qualification programs for all employees, including outsourced workers, with a focus on themes related to diversity and inclusion, aligned with the code of conduct;
- iii. procedures to ensure and promote, with respect to positions of the CONCESSIONAIRE and its subcontractors, equal opportunities in relation to gender, race, and other factors of discrimination or inequality;
- iv. a program for the promotion of gender, racial, disability, and LGBTQIAP+ diversity, containing an appropriate and recognized methodology comprising stages of census-taking, publicity, engagement, recruitment, training, talent retention, and career advancement;
- v. programs to support the mental health of employees, with emphasis on those belonging to historically vulnerable groups, aimed at promoting employee engagement and good performance;
- vi. establishment of accessible mechanisms for consultation, complaints, and reporting by workers, including outsourced personnel. Such mechanisms shall be widely publicized and shall ensure the anonymity of users, addressing issues such as discrimination and moral, sexual, or physical harassment; and
- vii. isonomy on working conditions in all activities of the CONCESSION.

Furthermore, with respect to the CONCESSIONAIRE's employees, it shall:

- i. Assume full and exclusive responsibility for any burden or charges related to its employees in the services provision that are the subject matter of the CONTRACT, whether arising from labor, social security, and/or environmental legislation, including indemnities for accidents, illnesses, or others of a professional and/or occupational nature.
- ii. With respect to its own workforce, assume full responsibility for timekeeping control, discipline, and compliance with all labor, tax, and social security obligations, including those arising from accidents, indemnities, fines, insurance, public health standards, and labor regulations.
- iii. Strictly comply with occupational safety and occupational medicine standards, in accordance with the legislation in force, always aiming at reducing risks to the safety and health of employees and preventing workplace accidents.



- iv. It is the CONCESSIONAIRE's responsibility to ensure that the team selected to perform the services covered by the CONTRACT fulfills the following requirements:
 - Qualifications required for the position.
 - Compliance with the legal requirements (licenses, certificates, legal authorizations, etc.) for performance of the position.
 - Sufficient knowledge for the proper services provision that are the subject matter of the CONTRACT.
- v. Present, whenever requested, proof of payment of employees' remuneration, benefits, and charges.
- vi. All personnel involved in the provision of the services that are the subject matter of the CONTRACT shall be duly uniformed and identified, demonstrating proper personal appearance, cleanliness, and hygiene.
- vii. Such personnel shall also wear, at all times, an identification badge with a recent photograph.
- viii. In the event of a strike affecting the services provision that are the subject matter of the CONTRACT, the CONCESSIONAIRE shall offer solutions ensuring continuity of the minimum essential services determined by the CONTRACT.
- ix. For all purposes contemplated in this document, the responsibility arising from subcontracted work shall rest with the CONCESSIONAIRE, as shall the respective costs, whenever the strike concerns any claim by the personnel responsible for the provision of the CONCESSIONAIRE's services.

Lastly, the CONCESSIONAIRE shall reserve positions in its workforce to be filled by persons with disabilities, pursuant to Article 93 of Federal Law No. 8,213/1991, and shall also be obliged to comply with the other specific rules regarding reserved positions for persons with disabilities, social security rehabilitated persons, and apprentices.

9.6 SAFETY, HEALTH, AND PREVENTION OF OCCUPATIONAL RISKS

- i. The CONCESSIONAIRE shall have technical professionals responsible for occupational safety and occupational medicine in a quantity compatible with the needs, and such professionals shall establish the guidelines necessary for compliance with the rules in force on this matter. The implementation of prevention policies shall be the sole responsibility of the CONCESSIONAIRE.
- ii. The CONCESSIONAIRE shall provide the medical examinations and, where necessary, the supplementary examinations required under the rules in force,



- every 12 (twelve) months or within shorter periods in the cases provided for in the specific legislation applicable to a given category.
- iii. The CONCESSIONAIRE shall maintain employees and/or service providers deemed fit for the function performed under the CONTRACT, promoting their replacement whenever necessary or requested.
 - iv. Instruct its employees as to the need to comply with the Occupational Safety and Occupational Medicine Rules.
 - v. Provide personal protective equipment (PPE) and collective protective equipment (CPE) to all direct employees and service providers, including: (a) periodically requesting and keeping on file the records of delivery of PPE, containing approval certificate numbers, names, signatures, description of the PPE provided, among other information, at its units; (b) requesting the training records required by the legislation in the area of occupational health and safety; and (c) recording all actions referred to in items (a) and (b), as well as the measures adopted in the event irregularities are identified.
 - vi. “Operating Protocols for Prevention of Occupational Risks” shall be established sufficiently in advance of the commencement of the services. Such Protocols shall incorporate instructions for the use of protective equipment appropriate to the activity to be carried out. The CONCESSIONAIRE shall be responsible for the acquisition and use of such equipment by its employees and/or service providers, and shall also be responsible for training personnel in the use of first-aid equipment, evacuation systems, fire protection systems, etc.
 - vii. The CONCESSIONAIRE shall submit, whenever requested, a copy of the Occupational Health Medical Control Program – PCMSO and the Risk Management Program – PGR, containing, at a minimum, the items set forth in Regulatory Standards NR-1, NR-7, and NR-9, respectively, of Ordinance No. 3,214, dated 06/08/78, of the Ministry of Labor and Social Security, as required by Federal Law No. 6,514, dated 12/22/77.
 - viii. The CONCESSIONAIRE shall maintain records of pre-employment, periodic, termination, change-of-function (if necessary), supplementary examinations, and return-to-work examinations in cases of leave due to illness exceeding 15 (fifteen) days and/or when involving return after an accident, as provided for in NR 7, which forms part of Ordinance No. 3,214 of 06/08/78, as amended.
 - ix. The CONCESSIONAIRE shall maintain occupational safety and health records, as provided for in NR 32 of the Ministry of Labor and Employment, which forms part of Ordinance No. 3,214 of 06/08/78, as amended.
 - x. The CONCESSIONAIRE shall be responsible for establishing and implementing an “Emergency/Contingency Plan” for possible nonconformities, such as in energy



supply, gas, steam, equipment breakdown, strikes, and others, ensuring the continuity of the services. The Emergency and Contingency Plan shall include, among others:

- Fire Evacuation Plan, including evacuation drills and subsequent evaluation, which shall measure the adequacy of the team's level of training and knowledge of the measures to be taken;
 - Alternative work arrangements, with a view to ensuring the proper continuity of the services provided. The Emergency and Contingency Plan shall be updated annually, adapting to the obligations and guidelines imposed by the rules in force, new technologies, among others.
- xi. The CONCESSIONAIRE may be inspected by CAGECE at any time to ensure compliance with occupational safety and occupational medicine standards.
- xii. The CONCESSIONAIRE shall implement and maintain, by the end of the second year of the CONCESSION, an Occupational Health and Safety Management System, based on ABNT NBR ISO 45001 standards, with the purpose of promoting a culture of prevention of accidents and occupational diseases, as well as better working conditions. This program shall include training, awareness, and continuous improvement actions regarding working conditions, aimed at ensuring the health and well-being of all its employees.

The CONCESSIONAIRE shall consult the authorities of the MUNICIPALITIES, Police, Fire Department, Civil Defense, etc., for the definition of its strategies relating to environmental safety, especially with respect to the preparation of the Emergency and Contingency Plan.

9.7 LAND TENURE REGULARIZATION

The CONCESSIONAIRE shall, prior to the end of the SYSTEM ASSISTED OPERATION, survey with CAGECE the existing documentation relating to the properties associated with the provision of the services that are the subject matter of the CONTRACT.

Part of CAGECE's assets that shall be transferred to the management of the CONCESSIONAIRE does not have regular title documentation, and it shall be the obligation of the CONCESSIONAIRE to structure and organize the documentation necessary for such regularization, subject to the consent of the GRANTING AUTHORITY.

The CONCESSIONAIRE shall submit, within up to 6 months after the commencement of SYSTEM OPERATION, the Regularization Plan for review and approval



by the GRANTING AUTHORITY, indicating the areas and the estimated periods for the regularization of each of them, with the target of full regularization of all areas within 5 (five) years, counted from approval of the Regularization Plan.

In cases of infrastructure expansion, the areas to be acquired by the CONCESSIONAIRE shall be regularized as to title, and any expropriations, creation of easements, and any other administrative restrictions necessary for the expansion shall be borne at the sole cost and under the sole responsibility of the CONCESSIONAIRE.

9.8 TECHNOLOGICAL ADVANCEMENTS AND ENVIRONMENTAL SUSTAINABILITY

The CONCESSIONAIRE shall incorporate the applicable technological advancements in the basic sanitation segment, in order to ensure continuous improvement in the quality and efficiency of the services provision under its responsibility.

Likewise, and without prejudice to the Environmental Management System and the subprograms to be developed by the CONCESSIONAIRE, it shall implement an environmental sustainability program in its operations, including, but not limited to, the concepts of energy efficiency, renewable energy, energy transition, decarbonization, and reduction of environmental impacts.

Considering its duty to contribute to CAGECE's competitiveness and sustainability through Research, Development and Innovation (R&D+I), the CONTRACTED PARTY shall be obliged:

- i. Ensure controlled and secure access to the physical and technological facilities of the systems that are the subject matter hereof, in order to enable the proper execution of Research, Development and Innovation (R&D+I) projects, subject to prior scheduling and alignment between the parties involved, in compliance with the established safety and confidentiality standards;
- ii. Make available technical data, effluent samples, and operational by-products for purposes of CAGECE's Research, Development and Innovation (R&D+I), subject to prior request and alignment between the parties involved, in compliance with the established safety and confidentiality standards;
- iii. Any and all requests made by educational institutions, private companies, universities, or Science and Technology Institutions (STIs) shall mandatorily be submitted to CAGECE for review and approval.
- iv. CAGECE shall assess the need to formalize institutional partnerships through appropriate instruments, such as technical cooperation agreements, partnership agreements, confidentiality agreements, or other relevant legal



instruments, with a view to safeguarding intellectual property and establishing the responsibilities of the parties involved in relation to R&D+I.

- v. Ensure, whenever available, the physical space necessary for the installation of equipment or implementation of new technologies in the operational units, whenever requested by CAGECE for the development of research;
- vi. Ensure, at no cost, the controlled supply of effluents at different treatment stages, process sludge under the required conditions, biogas generated in the units, and other by-products, whenever requested by CAGECE for research purposes;
- vii. Acknowledge that the CONCESSIONAIRE shall not hold intellectual property rights, commercial use rights, or economic exploitation rights over the results of the research developed by CAGECE, except where its participation or financial contributions are provided for in terms, agreements, partnership agreements, or similar documents.
- viii. Ensure that, for the R&D+I projects under development by CAGECE, the maintenance and operating conditions of the systems shall be preserved for the continuity and completion of the research.

9.9 COMPLIANCE

All activities of the CONCESSIONAIRE shall comply with the legislation in force, with particular emphasis on compliance with environmental legislation and on observance of the anti-corruption laws: Federal Law No. 12,846/2013, Federal Decree No. 11,129/2022, State Decree No. 33,951/2021, and any subsequent amendments thereto.

Within up to 3 (three) months counted from the commencement of SYSTEM OPERATION, the CONCESSIONAIRE shall submit a structured and implemented Integrity Program (Compliance), in line with the updated legal and regulatory guidelines, based on the guidelines of the Office of the Comptroller General – CGU, the Brazilian Institute of Corporate Governance – IBGC, and the parameters of CAGECE’s Integrity Program.

The existence of the CONCESSIONAIRE’s Integrity Program shall be assessed by the Company’s Compliance area.

The CONCESSIONAIRE’s Integrity Program shall contain internal guidelines, procedures, and institutional actions aimed at the prevention, detection, punishment, and remediation of fraud and acts of corruption, observing the following criteria:

- Standards of conduct, Code of Ethics, and Integrity Policies;



- Performance Indicators demonstrating the CONCESSIONAIRE's commitment to the Code of Conduct and to CAGECE's Integrity Program;
- Specific procedures for preventing fraud and unlawful acts, such as tax payments or the obtaining of authorizations and certificates;
- Periodic training on the Integrity Program (Compliance) for all employees;
- Compliance Risk Matrix or Integrity Breach Risk Matrix;
- Accounting records that completely and accurately reflect the transactions carried out under this contract;
- Internal Controls ensuring the reliability of the reports and financial statements required for the business;
- Reporting Channels and information flow;
- Disciplinary measures in the event of violation of the Integrity Program;

The CONCESSIONAIRE shall provide, on a quarterly basis, a Compliance Report demonstrating:

- The structure of the Integrity Program, indicating the parameters implemented under item III for mitigation of the risk of occurrence of the harmful acts set forth in Article 5 of Federal Law No. 12,846/2013;
- The functioning of the Integrity Program, with a record of data and concrete cases;
- Description of Relevant Facts and Warning Signs (*Red Flags*);
- Risk Matrix containing the main risk factors, their respective probabilities, and impacts;
- Results of the Integrity Program Performance Indicators (KPIs);
- Statement regarding periodic training on Integrity Topics;
- Receipt of Reports during the period and the respective handling thereof;

The information mentioned above shall be clear, intelligible, and consistent and shall contain, in addition to the listed items, the identification of the person responsible for preparing the report and the respective contact details.



The CONCESSIONAIRE shall be familiar with and implement effective actions for full compliance with CAGECE's Code of Ethics.

CAGECE may hold meetings and/or carry out periodic visits to the CONCESSIONAIRE's facilities in order to assess, *in loco*, the actions of the program and its risk management, including, but not limited to:

- Gathering and analyzing information, such as procedures, regulations, workflows, audit reports, court decisions, news reports, etc.;
- Interviews with personnel, surveys, discussion groups, etc;

The CONCESSIONAIRE shall maintain procedures for investigating reports, structuring the treatment of the identified irregularities, and applying the appropriate penalties and required reporting;

The CONCESSIONAIRE shall report to CAGECE any case of integrity breach involving any related stakeholder, such as cases of corruption, nepotism, conflicts of interest, ethical dilemmas, etc.

The CONCESSIONAIRE shall provide CAGECE with all information necessary for the performance of due diligence, for the purpose of verifying compliance with the applicable and required rules and regulations. The CONCESSIONAIRE shall commit to prepare an action plan whenever requested by CAGECE, with the purpose of ensuring transparency, integrity, and risk mitigation.

9.10 STRATEGIC AND OPERATIONAL RISK MANAGEMENT

All activities of the CONCESSIONAIRE shall comply with the legislation in force, with particular emphasis on compliance with Federal Law No. 13,303/2016, Federal Law No. 14,133/2021, State Decree No. 33,805/2020, and any subsequent amendments thereto.

The CONCESSIONAIRE shall annually submit a Risk Management report at the strategic and operational levels, setting forth:

- Risk Management Policy, defining the organization's methodology and risk appetite
- Risk Matrix
- Value chain



- Identification of strategic risks (by macroprocess) and operational risks (by process)
- Identification of the possible causes and consequences upon materialization of each risk, as well as of the existing controls for their prevention or detection (strategic and operational levels)
- Assessment indicating the risk levels, which risks require treatment, and the prioritization for implementation thereof (strategic and operational levels)
- Definition of responses to risks, in accordance with the risk appetite established for the processes and macroprocesses
- Monitoring and critical analysis plan (KRIs)

The information mentioned above shall be clear, intelligible, and consistent and shall contain, in addition to the listed items, the identification of the person responsible for preparing the report and the respective contact details;

CAGECE may hold meetings and/or carry out periodic visits to the CONCESSIONAIRE's facilities in order to assess, *in loco*, the actions reported, including, but not limited to:

- Gathering and analyzing information, such as procedures, regulations, workflows, audit reports, court decisions, news reports, etc.;
- Interviews with personnel, surveys, discussion groups, etc.

10. SERVICE TO CAGECE

Service to CAGECE shall be guided by excellence in the relationship, transparency, and ease of access for routine demands.

It shall also include a permanent communication strategy regarding the CONCESSIONAIRE's activities throughout the CONTRACT, reporting on works in progress, progress in the performance indicators, quality control reports on treated wastewater, maintenance operations affecting the routine of the services, and other information of interest to CAGECE.

As from the assumption date of the SYSTEM OPERATION by the CONCESSIONAIRE, uninterrupted telephone service shall be implemented and made available 24 (twenty-four) hours a day, every day of the year. Outside business hours, transfer of the service to another unit operating under the required schedule shall be permitted.



USER requests and complaints shall be registered in CAGECE's Commercial System. The CONCESSIONAIRE shall update the status of all services arising from such requests in CAGECE's Commercial Management System.

A deadline for execution of the requested service or for the outcome of the complaint shall also be provided, and the deadlines for execution of the services and resolution of complaints shall be those defined in the service regulations or the deadline agreed with CAGECE and/or the Regulatory Agency.

USER demands (requests, complaints, reports, suggestions, and compliments) registered through the OMBUDSMAN channels shall be addressed in accordance with the deadlines previously established in the workflows for handling Ombudsman demands and set forth in the relevant instruments (laws, decrees, internal rules, among others).

Any and all impediments to the handling of a customer request shall be formally communicated to CAGECE by correspondence, telephone, or e-mail.

The CONCESSIONAIRE shall record the operational and/or institutional data, as defined by the company for service to external bodies, as well as ensure the possibility of audits of the information from the standpoint of reliability and accuracy, considering CAGECE's various needs.

The CONCESSIONAIRE shall comply with CAGECE's current Visual Identity Manual and any updates thereto.

The CONCESSIONAIRE shall follow CAGECE's current communication guidelines and any updates thereto for interactions with customers/users through the media and social media channels proposed by CAGECE.

Any intention to use CAGECE's trademark or any graphic elements belonging to CAGECE in graphic pieces, communication materials, advertising campaigns, digital media, printed media, or any other means shall be previously submitted for CAGECE's approval and shall fully comply with the guidelines set forth in CAGECE's Visual Identity Manual, including any updates thereto over time.

The approval referred to in the preceding paragraph may be revoked, withdrawn, or limited by CAGECE at any time, regardless of the reasons therefor, by means of notice to be sent to the CONCESSIONAIRE.

In any event, the CONCESSIONAIRE is strictly prohibited from making public statements, giving interviews, or disclosing information related to the object of the CONTRACT without CAGECE's prior and specific consent for such purpose.

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APPENDIX I - REFURBISHMENTS AND REPLACEMENTS TO BE CARRIED OUT IN THE FIRST 5 YEARS OF THE CONTRACT.

Municipality	Business Unit	Unit (trunk collector, force main, interceptor, outfall, pumping station, and WWTP)	Location (geographic location, address, or section)	Improvements (required with no allocated funding)	Data (length, power, and Q)
Acarape	UNBMO	Acarape WWTP	-	Need for general refurbishment of the plant (rehabilitation of slopes and curbs, removal of vegetation inside the pond and external vegetation, and construction of an outfall)	-
Acaraú	UNBAC	Santo Antônio Street trunk collector	Santo Antônio Street, section between Poetas Street and Col. Duca da Silveira Street (WPS-01)	Need to replace 500 meters of 300 mm piping	500m
Acaraú	UNBAC	WWTP	SDO Street (374879.00 m E / 9679865.00 m S)	Readjustment and relocation of the WWTP, as it is currently located in a Permanent Preservation Area (APP), in addition to not complying with the parameters required by COEMA 02/2017, since it does not have maturation ponds	-
Acopiara	UNBAJ	Wastewater Treatment Plant	6°06'39.3"S 39°27'22.7"W	Rehabilitation of the slopes of the facultative and maturation ponds; addition of an alternative treatment technology. Bathymetry and dredging of the ponds	-
Aracati	UNBBJ	Wastewater collection network (RCE)	José de Alencar Lane (arrival of WPS B)	Need to replace the section built with 600 mm concrete pipe	270m
Aracati	UNBBJ	Wastewater collection network (RCE)	Tabelião João Paulo Street (arrival of WPS D)	Need to replace the section built with 700 mm concrete pipe	127m
Aracati	UNBBJ	Wastewater collection network (RCE)	Duque de Caxias Street (arrival of WPS G)	Need to replace the section built with 700 mm concrete pipe	139m
Aracati	UNBBJ	Wastewater collection network (RCE)	Rui Barbosa / Capitão Miguel Street intersection	Need to replace the section built with 700 mm concrete pipe	40m

Municipality	Business Unit	Unit (trunk collector, force main, interceptor, outfall, pumping station, and WWTP)	Location (geographic location, address, or section)	Improvements (required with no allocated funding)	Data (length, power, and Q)
Aracati	UNBBJ	Wastewater collection network (RCE)	Paz Street, Paz Lane and José Freire do Nascimento Street	Wastewater collection network of the São Rafael WPS basin, received from the municipality	695m DN 100
Aracati	UN-BBJ	Outfall	-	Need to install the final outfall and prepare a project to define its length and routing	-
Aratuba	UNBMO	Aratuba WWTP	-	Need for refurbishment of the drying bed and contact tank, acquisition of a blower, maintenance of the stairs, and refurbishment of the fence	-
Barreira	UNBMO	Barreira WWTP	-	Need for general refurbishment of the plant (rehabilitation of slopes and curbs, removal of vegetation inside the pond and external vegetation, reconstruction of the grit chamber screening)	-
Barro	UNBSA	Wastewater Treatment Plant	7°09'27.28" S 38°47'00.21" W	Need for rehabilitation of the slabs and compaction of the slopes, especially in the facultative pond	-
Barroquinha	UNBSI	Bitupitá WWTP	CE 187	Compromised fence (rust), evapotranspiration basin with cracked structures, stabilization pond overtaken by mobile dune, WWTP without electric power and piped water	-
Beberibe	UNBML	Sítio Lucas WWTP	4°9'51.559"S 38°8'4.844"W	Need for general refurbishment of the plant (rehabilitation of slopes and curbs, removal of vegetation inside the pond and external vegetation, reconstruction of the entire fence around the pond, and construction of an outfall)	-
Campos Sales	UNBAJ	Wastewater Treatment Plant	7°03'42.8"S 40°22'14.8"W	Rehabilitation of the slopes of the facultative and maturation ponds, leakage in the distribution box. Addition of an alternative treatment technology. Bathymetry and dredging of the ponds	-

Municipality	Business Unit	Unit (trunk collector, force main, interceptor, outfall, pumping station, and WWTP)	Location (geographic location, address, or section)	Improvements (required with no allocated funding)	Data (length, power, and Q)
Catarina	UNBAJ	Wastewater Treatment Plant	6°08'03.9"S 39°53'24.2"W	Activation of the two facultative ponds, which requires their rehabilitation. Rehabilitation of the slopes of the active facultative pond and the maturation ponds. Bathymetry and dredging of the facultative pond. Change of the location of the final discharge point	-
Catarina	UNBAJ	Change of the final discharge point	6°09'07.5"S 39°51'57.0"W	The Unit is subject to an injunction issued in case No. 2008.0009.8870-3 ordering suspension of effluent discharge at the current point, which is located on the property of Ms. Antônia Lileide Nogueira. She blames the Company for discharging untreated wastewater near her residence, causing damage to her property, and discharge of effluent is prohibited until CAGECE provides a technical solution that does not harm the environment or the claimants. A penalty of R\$ 5,000 per day was established if the Treatment Plant discharges effluent at the current point	-
Crateús	UNBSC	Replacement and adjustment of the force main outfall	Section between WPS G1 and Revoltoso WWTP.	Need for replacement and resizing of the force main, replacement of more than 1,400 m of piping, inadequate material, and lack of air valves	1.400 m, 40 CV, e 85 L/s
Independência	UNBSC	Replacement and adjustment of the force main outfall	Section between WPS 01 and Independência WWTP.	Need for replacement and resizing of the force main, replacement of more than 4,000 m of piping, inadequate material, and lack of air valves	4000 m, 48,96 CV e 45,83 L/s
Iracema	UN-BBJ	WWTP	In the area of Iracema WWTP	Carry out intervention on the slopes of the ponds, as they present structural problems (infiltrations)	-
Itaipoca	UNBCL	WWTP-01	3°27'44.13"S 39°34'36.24"W	Desilting of the facultative pond	-

Municipality	Business Unit	Unit (trunk collector, force main, interceptor, outfall, pumping station, and WWTP)	Location (geographic location, address, or section)	Improvements (required with no allocated funding)	Data (length, power, and Q)
Itarema	UNBCL	WWTP-01	2°55'48.06"S 39°55'2.26"W	Desilting of the facultative pond	-
Jaguaribara	UN-BBJ	WWTP	In the area of Jaguaribara WWTP	Adjust infiltration trenches and construct an outfall	-
Jijoca de Jericoacoara	UNBAC	Wastewater collection network on Izauta Vasconcelos Street (100 mm)	Izauta Vasconcelos Street, section between Manoel Teixeira Street and Santa Luzia Street	Need to replace 70.00 meters of wastewater collection network from 100 mm diameter to 150 mm diameter in orange PVC	-
Jijoca de Jericoacoara	UNBAC	Wastewater collection network on Nazaré Vasconcelos Street (100 mm)	Nazaré Vasconcelos Street, section between Manoel Teixeira Street and Santa Luzia Street	Need to replace 70.00 meters of wastewater collection network from 100 mm diameter to 150 mm diameter in orange PVC	-
Massapê	UNBAC	Set of wastewater collection network sections received from the municipality that is non-compliant	Centro neighborhood of the municipality of Massapê (attached report contains the location information)	Need to deepen the network, install intermediate inspection manholes, and standardize the connections (approximately 790 connections)	5.000m 790 connections
Mauriti	UNBSA	Wastewater Treatment Plant	7°23'44.41" S 38°46'53.29" W	Need for total replacement of the WWTP, as approximately 90% of its slopes are compromised and it does not meet discharge standards	-
Mulungu	UNBMO	Mulungu WWTP	-	Need for new stairs for the UASB Reactor and FSA, maintenance of the equalization tower, refurbishment of the drying bed, reconstruction of the entrance fence, and acquisition of a blower and generator	-

Municipality	Business Unit	Unit (trunk collector, force main, interceptor, outfall, pumping station, and WWTP)	Location (geographic location, address, or section)	Improvements (required with no allocated funding)	Data (length, power, and Q)
Novo Oriente	UNBSC	Replacement and adjustment of the force main outfall	Section between WPS 01 and Novo Oriente WWTP.	Need for replacement and resizing of the force main, replacement of more than 3,000 m of piping, inadequate material, and lack of air valves, with a very long section and high elevation difference	3000 m, 88,4 CV, 60 MCA e 44,44 L/s
Ocara	UNBBA	Rehabilitation of the slopes of the stabilization ponds	Simão Lopes Avenue	Need for rehabilitation due to erosion of the ground	-
Palmácia	UNBMO	Palmácia WWTP	-	Need for new blowers and reactivation of the aerobic reactor, acquisition of 1 pump, and maintenance of the generator	-
Poranga	UNBSC	Replacement and adjustment of the force main outfall	Section between WPS 01 and Poranga WWTP.	Need for replacement and resizing of the force main, replacement of more than 800 m of piping, inadequate material, and lack of air valves	800 m, 30 CV e 23,6 L/s
Porteiras	UNBSA	WPS-01	7°32'04.48" S 39°06'52.57" W	The pumping station needs to be relocated, as it presents a risk of collapse	-
Quixadá	UNBBA	Transition box collector – Herval WWTP	João Nogueira Jucá Street	Need for replacement due to corrosion of the cast iron piping	DN 350 mm
Quixadá	UNBBA	Rehabilitation of Herval WWTP stabilization ponds	João Nogueira Jucá Street	The ponds currently operate as communicating vessels, and it is also believed that the seal may be compromised	-
Quixadá	UNBBA	Implement WPS in order to deactivate Campo Novo WWTP and interconnect it to Quixadá's new	São João Street – Campo Novo	Need to transfer wastewater treatment because Campo Novo WWTP does not comply with the environmental conditions	-

Municipality	Business Unit	Unit (trunk collector, force main, interceptor, outfall, pumping station, and WWTP)	Location (geographic location, address, or section)	Improvements (required with no allocated funding)	Data (length, power, and Q)
		WASTEWATER SYSTEM (Herval WWTP)			
Quixadá	UNBBA	Readjustment of Campo Novo wastewater collection network	Entire Campo Novo neighborhood	Networks with advanced age (more than 20 years), where many condominium networks still exist	-
Russas	UN-BBJ	WWTP	In the area of Russas WWTP	Need to carry out desilting of the ponds of the Russas WASTEWATER SYSTEM	-
Russas	UN-BBJ	Pumping Station	WPS 03	Adjust the area of WPS 03, carrying out landfill and raising the structures, and install the Generator Set	-
Russas	UN-BBJ	Pumping Station	WPS 06	Adjust the force main header of WPS 06, since the pumps currently do not operate independently	-
Russas	UN-BBJ	Wastewater collection network	In the Planalto Bela Vista neighborhood	Adjust the wastewater collection network, as in the Habitat Brasil development there are condominium networks at the back of lots	438m DN150
Russas	UN-BBJ	Wastewater collection network	Between Antônio Gonçalves Ferreira Street and WPS 01	In this section the network runs through private land and underneath properties	315m DN150
Saboeiro	UNBAJ	Wastewater Treatment Plant	6°32'37.6"S 39°54'22.9"W	A new treatment technology is required, as the current one, composed of decanter-digesters, is outdated and is not accepted by the environmental authorities and does not comply with current legislation	-

Municipality	Business Unit	Unit (trunk collector, force main, interceptor, outfall, pumping station, and WWTP)	Location (geographic location, address, or section)	Improvements (required with no allocated funding)	Data (length, power, and Q)
Salitre	UNBAJ	Wastewater Treatment Plant	7°16'41.1"S 40°27'26.3"W	Rehabilitation of the facultative and maturation ponds, which currently receive a small effluent contribution; the plant was sized to handle a flow rate above the current flow rate, and the ponds have never overflowed. It is therefore necessary to rehabilitate their seal. Addition of an alternative treatment technology. Rehabilitation of the grit chamber and the barbed-wire fence of the Treatment Plant area	-
São Benedito	UNBSI	São Benedito WWTP	Domingos Paiva Filho Street	Reactor 01 deactivated (structure gave way), facultative pond silted up, need to rehabilitate the access routes within the WWTP area	-
Tabuleiro do Norte	UN-BBJ	WWTP	Tabuleiro do Norte WWTP	The treatment of the Tabuleiro do Norte WASTEWATER SYSTEM is composed only of one facultative pond, undersized for current conditions, without a grit chamber and with serious structural problems	-
Tauá	UNBAJ	WPS-08	6°00'46.4"S 40°17'36.7"W	Adjustment of the pumping station structure for installation of new pumps: construction of a substation, improvement of the structure of the suction wells, the monorail, and the pumping station wall; replacement of the check valve. The current pumps do not meet demand, and it is necessary to install the standby pump and the generator	-
Tauá	UNBAJ	Wastewater Treatment Plant	6°01'38.5"S 40°17'42.1"W	Rehabilitation of the slopes of the facultative and maturation ponds; addition of an alternative treatment technology. Bathymetry and dredging of the ponds. Rehabilitation of the barbed-wire fence of the Treatment Plant area	-
Tianguá	UNBSI	Tianguá WWTP	Tianguá WWTP	Excess vegetation on the slopes and inside the maturation ponds; desilting of the pond is required	-
Viçosa do Ceará	UNBSI	Viçosa do Ceará WWTP	Sítio Gitó	Oversized blowers; replacement of the FSA carbon-steel mesh with perforated fiberglass plates	-

APPENDIX II - WORK EXECUTION STANDARD DEFINED BY CAGECE.

APPENDIX III – INFORMATION ON THE WASTEWATER COVERAGE INDEX AND THE PERCENTAGE OF PROPERTIES IN THE BASIC STANDARD

The table below sets forth the results of the wastewater coverage indexes in CAGECE's areas of operation, based on CAGECE's Commercial Records, for the Lots comprising the CONCESSION, for the February 2023 reporting period, in accordance with the methodology in force of the GRANTING AUTHORITY, in compliance with ANA Reference Standard No. 8/2024 and Resolution No. 12/2025 of the REGULATORY AGENCY.

Table – Results of CAGECE's Wastewater Coverage Indexes (%) in the Lots comprising the CONCESSION in February/2023.

DESCRIPTION OF THE INFORMATION	RESULTS (%)				
	LOT 1	LOT 2	LOT 3	LOT 4	LOT 5
WASTEWATER COVERAGE INDEX	22,58%	12,94%	26,19%	21,44%	31,43%

APPENDIX IV – MINIMUM MANDATORY ANNUAL QUANTITIES FOR THE EXECUTION OF INTRADOMICILIARY CONNECTIONS BY LOT.

Table – Minimum mandatory annual quantities for execution of intradomiciliary connections by the CONCESSIONAIRE per LOT, at no cost to the USERS.

LOT	2027	2028	2029	2030	2031	2032	2033	2034
1	1772	1727	2916	1508	1687	3518	7190	251
2	4316	1742	2805	1472	1609	2785	6224	190
3	3242	3060	5352	4465	1852	2259	9934	337
4	7183	5079	3722	4026	3646	4383	7973	371
5	2582	4332	4690	1991	1446	3854	5706	281