

PPP WASTEWATER – CAGECE

EXHIBIT VIII

GRANTING AUTHORITY'S INVESTMENTS IN WASTEWATER SYSTEMS



1. PRESENTATION

Companhia de Água e Esgoto do Estado do Ceará (CAGECE) holds the delegation for the provision of public water supply and public wastewater services in 104 (one hundred and four) Municipalities in the State of Ceará and is responsible for structuring this Strategic Project, which aims at the universalization of wastewater services in 127 (one hundred and twenty-seven) Municipalities in which the Company operates, with the exception of the 24 (twenty-four) Municipalities located in the metropolitan regions of Fortaleza and Cariri, which already have an Administrative Concession of the Public Wastewater Services by means of Public-Private Partnerships (PPPs), and the 23 (twenty-three) Municipalities for which the process is currently in the award and ratification phase of the Administrative Concession of the Public Wastewater Services of the North-Coastal Lot.

This EXHIBIT, entitled Granting Authority's Investments in Wastewater Systems, constitutes part of the ADMINISTRATIVE CONCESSION CONTRACT that will enable the modeling and structuring of the PPP projects aimed at the universalization of CAGECE's wastewater services.

This document describes the investments with secured resources for the municipalities covered by investments under CAGECE's responsibility.



2. INVESTMENTS OF THE GRANTING AUTHORITY

With a view to complying with the legal framework for basic sanitation (Federal Law No. 11,445, dated January 5, 2007), several expansion and maintenance works for the wastewater systems have secured resources and are at different stages of implementation in the municipalities covered by this new partnership project to be tendered by CAGECE. Accordingly, this document aims to record the investments that the GRANTING AUTHORITY is committed to carrying out, in accordance with the deadlines set forth in the tables below.

It should be noted that the investments presented herein have already been deducted from the CAPEX of the conceptual projects for the municipalities.

The investments were divided into two categories. The first group comprises those that are under CAGECE's control, and the second comprises the others. Normally, the investments that are not under CAGECE's control are the responsibility of the municipal governments.

2.1 Investments Under CAGECE's Control

The table below presents the investments with allocated resources that are under CAGECE's control.



Table 1 - Investments under CAGECE's control.

MUNICIPALITY	DESCRIPTION	QUANTITY						COSEXPECTED COMPLETION DATE
PROJECT		WC	LR	WPS	HOU. CON.	CUSTOMER UNITS COVERED	WWTP	
CRATEÚS - EXECUTION OF THE WASTEWATER SYSTEM FOR THE CIDADE 2000 AND PATRIARCA NEIGHBORHOODS IN THE SEAT OF THE MUNICIPALITY OF CRATEÚS	THE PROJECT PROVIDES FOR: - EXPANSION OF THE WASTEWATER COLLETION SYSTEM - HOUSEHOLD CONNECTIONS (BUILDING CONNECTIONS) - PUMPING STATION (WPS-01) - PUMPING STATION (WPS-02) - FORCE MAIN (LR-01) IN FOFO - FORCE MAIN (LR-02) IN PVC DEFOFO, INCLUDING CROSSINGS	150mm: 7,167.97m 200mm: 788.60m 250mm: 12.90m 300mm: 212.70m	LR-1: 273.37m, DN200mm; LR-2: 977.48m, DN200mm;	WPS-1 Q 22.92L/s, POT=15CV; WPS-2 Q 26.49L/s, POT=20CV	951	977	-	June/2024
CRATEÚS - EXPANSION OF THE WASTEWATER SYSTEM FOR THE FÁTIMA I, PLANALTO, CAMPO VELHO, CONJUNTO SÃO JOSÉ, AND SANTA LUZIA NEIGHBORHOODS IN THE SEAT OF THE MUNICIPALITY OF CRATEÚS	THE PROJECT SHALL COVER THE PLANALTINA, FÁTIMA I, ZECA ARAÚJO, PLANALTO, ARENINHA, CAMPO VELHO, CONJUNTO SÃO JOSÉ, SANTA LUZIA, AND MARATOAN NEIGHBORHOODS, WASTEWATER COLLETION NETWORKM, HOUSEHOLD CONNECTIONS, WASTEWATER PUMPING STATIONS, AND FORCE MAINS TO ENABLE INTERCONNECTION WITH THE SYSTEM ALREADY EXISTING IN THE MUNICIPALITY OF CRATEÚS	150 mm: 15,296.99m 200mm: 221.17m	LR PLANALTINA DN 100mm; 818.43m LR FÁTIMA I DN 100mm; 628.22m LR ZECA ARAUJO DN 150mm; 1,835.68m LR CONJUNTO SÃO JOSÉ DN 100mm; 795.20m LR SANTA LUZIA DN 100mm; 202.48m	WPS1-Planaltina, Q = 6.66 L/s, POT = 6.4 CV WPS2-Fátima I, Q = 4.92 L/s, POT =7.5 CV WPS3-Zeca Araújo, Q =11.5 L/s, POT =7.5 CV WPS4-São José, Q =5.57 L/s, POT = 3 CV WPS5-Santa Luzia, Q =4.85 L/s, POT = 3 CV	1,623	1,954	-	Mars/2025



MUNICIPALITY	DESCRIPTION	QUANTITY						COSEXPECTED COMPLETION DATE
PROJECT		WC	LR	WPS	HOU. CON.	CUSTOMER UNITS COVERED	WWTP	
CRATEÚS - Morada dos Ventos III	THE PROJECT PROVIDES FOR: - EXPANSION OF THE WASTEWATER COLLETION SYSTEM - HOUSEHOLD CONNECTIONS (BUILDING CONNECTIONS) - PUMPING STATION (WPS-01) - PUMPING STATION (WPS-02) - FORCE MAIN (LR-01) - FORCE MAIN (LR-02)	150mm: 8,065,76m	LR-1 DN 150mm; 543.05 m LR-2 DN 150mm; 1,130.00 m	WPS1: 9.69L/s, POT=5CV WPS2: 13.20L/s, POT=7CV	1,118	1,118	-	2024
CRATEÚS - EXPANSION/IMPROVEMENTS OF THE WASTEWATER SYSTEM IN THE SEAT OF THE MUNICIPALITY OF CRATEÚS - VENÂNCIOS NEIGHBORHOOD	THE PROJECT PROVIDES FOR: - INSTALLATION OF THE WASTEWATER COLLETION SYSTEM - BUILDING CONNECTIONS - PUMPING STATION (WPS VENANCIOS 01) - PUMPING STATION (WPS VENANCIOS 02) - PUMPING STATION (WPS VENANCIOS 03) FORCE MAINS (LR VENÂNCIOS 01) FORCE MAINS (LR VENÂNCIOS 02) INCLUDING CROSSING FORCE MAINS (LR VENÂNCIOS 03)	150mm: 17,973.58m 200mm: 278.72m 250mm: 343.99m 500mm: 10.10m	LR-01 150mm: 274.53m LR-02 300mm: 4,118.16m LR-03 100mm: 525.55m	WPS Venâncios 01: 12.40L/s, 5.5CV WPS Venâncios 02: 73.12L/s, 44CV WPS Venâncios 03: 6.60L/s, 10CV	2,560 house connections, of which 320 are intradomiciliary connections	-	-	2028



MUNICIPALITY	DESCRIPTION	QUANTITY						COSEXPECTED COMPLETION DATE
PROJECT		WC	LR	WPS	HOU. CON.	CUSTOMER UNITS COVERED	WWTP	
GUARAMIRANGA – EXPANSION OF THE WASTEWATER SYSTEM OF GUARAMIRANGA-CE	THE PROJECT PROVIDES FOR: - PREPARATION OF THE EXECUTIVE PROJECT; - PREPARATION OF THE AS-BUILT PROJECT; - EXECUTION OF THE WORKS; - ASSISTED OPERATION.	1.774,80m; DN 150MM	FORCE MAIN– WPS01 20 meters, DN150 mm	WPS-01 3CV, 9.85L/s	241	255	9.8L/s UASB Reactor plus one Submerged Aerated Filter, Lamella Clarifier, Contact Tank, Drying Bed, One support unit with Generator/Blower House and Operations House	June/2024
REDENÇÃO - EXECUTION OF THE WASTEWATER SYSTEM OF THE CITY OF REDENÇÃO - CE	THE PROJECT PROVIDES FOR: - WASTEWATER COLLETION SYSTEM – 18.9KM; - FORCE MAIN – 4.7KM; - WASTEWATER PUMPING STATION – 5 UNITS; - HOUSEHOLD CONNECTION – 3,397 UNIDADES; - INTRADOMICILIARY CONNECTION – 1,698 UNITS; - WASTEWATER TREATMENT PLANT (Q=34.4L/S) – 1 UNIT; - FINAL OUTFALL – 50 METERS.	18,876.18 meters DN150mm; DN200mm; DN250mm; DN300mm	4,681 m LR1 DN100mm; LR2 DN150mm; LR3 DN150mm; LR4 DN150mm; LR5 DN100mm;	WPS1: Q= 5.40l/s; WPS2- Q=14.60l/s; WPS3-Q= 37.00l/s; WPS4-Q= 15.60l/s; WPS5-Q=5.60l/s	3,397 building connections, of which 1,698 are intradomiciliary connections	2,801	Q Med = 21.24 L/s QMax = 34.4 L/s (UASB reactors; drying bed; polishing ponds with baffles)	April/2026



MUNICIPALITY	DESCRIPTION	QUANTITY						COSEXPECTED COMPLETION DATE
PROJECT		WC	LR	WPS	HOU. CON.	CUSTOMER UNITS COVERED	WWTP	
PORANGA - EXPANSION OF THE WASTEWATER SYSTEM OF PORANGA-CE - 1st STAGE (AEROPORTO AND COHAB NEIGHBORHOODS)	THE PROJECT PROVIDES FOR: - WASTEWATER COLLETION SYSTEM – 5 KM; - HOUSEHOLD CONNECTIONS – 400 UNITS; - INTRADOMICILIARY CONNECTIONS – 200 UNITS; - ASPHALT RECOMPOSITION – 380,56 M².	5,004.00 m (PVC OCRE DN 150mm)	-	-	400 building connections, of which 200 are intradomiciliary connections	364	-	November/2024
TAUÁ - EXECUTION OF THE WASTEWATER SYSTEM OF TAUÁ-CE	THE PROJECT PROVIDES FOR: - WASTEWATER PUMPING STATION (7 PUMPING STATIONS); - WASTEWATER COLLETION SYSTEM (20.8 KM); - HOUSEHOLD CONNECTIONS (1,544 UNITS); - FORCE MAINS (1.9 KM); - GRAVITY OUTFALL (1.1 KM).	39.755,63m (DN150mm; 200mm; 250mm; 300mm)	7.587,06m (DN100mm; DN150mm) Gravity outfall 1.310,14m	WPS 01 - Q=5.8 l/s WPS 3.1 - Q=50.4l /s WPS 3.2 - Q=6.3 l/s WPS 4 - Q=6.4 l/s WPS 5.1 - Q=5.0l/s WPS 5.2 - Q=17.5 l/s WPS 9 - Q=7.6 l/s	3,310	7,606	-	November/2024



MUNICIPALITY	DESCRIPTION	QUANTITY						COSEXPECTED COMPLETION DATE
PROJECT		WC	LR	WPS	HOU. CON.	CUSTOMER UNITS COVERED	WWTP	
PORTEIRAS EXECUTION OF THE WASTEWATER SYSTEM OF PORTEIRAS- CE (SOL NASCENTE NEIGHBORHOOD)	THE PROJECT PROVIDES FOR: - WASTEWATER COLLETION SYSTEM (2.07 KM); - HOUSEHOLD CONNECTIONS (403 UNITS).	2.073,00 m (PVC OCRE DN 150mm)	-	-	403	403	-	July/2025
QUIXADÁ EXPANSION AND IMPROVEMENT WORKS OF THE WASTEWATER SYSTEM OF QUIXADÁ – BASINS 11 AND 14	THE PROJECT PROVIDES FOR: - INSTALLATION OF THE WASTEWATER COLLETION SYSTEM - BUILDING CONNECTIONS - WASTEWATER PUMPING STATION 11.3 - WASTEWATER PUMPING STATION 11.4 WASTEWATER PUMPING STATION 14.1 FORCE MAINS BUILDING CONNECTIONS	150mm: 7,191.94m 200mm: 212.01m 250mm: 9.44m 300mm: 57.59m	LR-01 150mm: 700.00m LR-02 100mm: 461.55m LR-03 100mm: 727.00m	WPS 11.3: 15.48L/s 7,5CV WPS 11.4: 5.03L/s, 2.5CV WPS 14.1: 8.28L/s, 7.5CV	3,303 building connections, of which 2,046 are intradomiciliary connections	1,233	-	2029



2.2 Investments Outside CAGECE's Control

The table below presents the investments with allocated resources that are outside CAGECE's control. The investments presented are those of the municipal governments.



Table 2 - Investments outside CAGECE's control.

MUNICIPALITY	DESCRIPTION	QUANTITY						EXPECTED COMPLETION DATE
PROJECT		SN	LR	WPS	HOU. CON.	CUSTOMER UNITS COVERED	WWTP	
CROATÁ Expansion of the SES Croatá	THE PROJECT PROVIDES FOR: - WASTEWATER COLLETION SYSTEM (7,7 KM); - HOUSEHOLD CONNECTIONS (833 UNITS);	7.742,80 m (DN150mm)	-	-	1.099	1.099	-	July/2024
GENERAL SAMPAIO EXECUTION OF THE WASTEWATER SYSTEM OF GENERAL SAMPAIO-CE	THE PROJECT PROVIDES FOR: - WASTEWATER PUMPING STATION (3 PUMPING STATIONS); - WASTEWATER COLLETION NETWORK(15,3 KM); - HOUSEHOLD CONNECTIONS; 1823 - FORCE MAINS (1,63 KM); - FINAL OUTFALL (200m).	13.361m	LR-WPS-01 LR-WPS-02 LR-WPS-03	WPS-01: 11,36 L/s 3 CV, WPS-02: 7,35L/s 6CV, WPS-03: 0,81L/s 3CV	1,823 house connections, of which 770 are intradomiciliary connections	1823	Q Med = 6,90L/s (UASB reactors; FSA; DL; and TC)	2030

