



Republic of the Philippines
DEPARTMENT OF HEALTH
PHILIPPINE CHILDREN'S MEDICAL CENTER

Quezon Avenue, Quezon City 1100
website: www.pcmc.gov.ph email: officeofthedirector@pcmc.gov.ph
Trunk Line: 8588-9900 to 20 Direct Line: 8924-6601

NOTICE OF AWARD
NOA-2024-132

ECOSYSTEM TECHNOLOGIES
INTERNATIONAL INCORPORATED
Unit 2401-2402, 24th Floor Citynet Central,
298-B EDSA corner Sultan Street,
Brgy. Highway Hills,
Mandaluyong City
Tel. No.: +63 8424-3880
E-mail Address: sales@ecosystemtech.com.ph

Dear Sir / Madam:

This is to inform you that based on the result of the conducted Public Bidding for the project stated below under Invitation to Bid No. IB-2024-064 as per BAC Resolution No.R2024-10-568, your proposal was found to be the Single Calculated and Responsive Bid (SCRB):

QTY	UNIT	ITEM DESCRIPTION	TOTAL COST (Php)
12	Months	Twelve (12) Months Provision of Operation and Maintenance (O&M) Services for the PCMC Sequential Batch Reactor (SBR) Wastewater Treatment Facility with Secondary Treatment and Tertiary Systems <i>(see Conformance on the Terms of Reference)</i>	Php2,496,609.00 (208,050.75/unit)

You are hereby required to provide on or before 20 OCT 2024 the Performance Security in either of the following form:

FORM OF PERFORMANCE SECURITY	AMOUNT OF PERFORMANCE SECURITY (Equal to Percentage of the Total Contract Price)
a) Cash or cashier's/ manager's check issued by a Universal or Commercial Bank	Five percent (5%) Php124,830.45
b.) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank	Thirty percent (30%) Php748,982.70
c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	



Kindly disregard and report any form of solicitation using the name of the Executive Director and/or the PCMC. These unsanctioned requests are unlawful and will not be tolerated.



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ECOSYSTEM TECHNOLOGIES INTERNATIONAL INCORPORATED

Failure to provide the Performance Security shall constitute sufficient ground for cancellation of the award and imposition of penalties/ forfeiture corresponding to the Bid Security posted.

Very truly yours,


SONIA B. GONZALEZ, MD MScHSM, MPM
Executive Director 

Conforme:

This is to certify that the company has authorized me to accept this award, sign all related documents and hold the company bound by rules and laws applicable thereto.

I further certify that I have chosen the following mode (as checked) as the form of retention money required of us under R.A. 9184 Sec. 62.1.

- Bank Guarantee
- 1% Deduction from claims on the first payment for staggered deliveries

Authorized Signatory (Signature over printed name)

Designation

Date

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PHILIPPINE CHILDREN'S MEDICAL CENTER

Quezon Avenue, Quezon City

TERMS OF REFERENCE

PROJECT TITLE: Twelve (12) Months Provision of Operation and Maintenance (O&M) Services for the PCMC Sequential Batch Reactor (SBR) Wastewater Treatment Facility with Secondary Treatment and Tertiary Systems

Provision of Operation and Maintenance (O&M) Services for the PCMC Sequential Batch Reactor (SBR) Wastewater Treatment Facility with Secondary Treatment and Tertiary Systems

PROJECT DESCRIPTION:

This project aims to give the PCMC the qualified operator and maintenance service provider to its Sequential Batch Reactor (SBR) Wastewater Treatment Facility with Secondary Treatment and Tertiary Systems, packaged with the chemicals needed to treat the effluent, and manpower on site to operate and maintain the facility.

TYPE OF SERVICES:

Operation and Maintenance (O&M)

SCOPE OF WORK

1. The scope of responsibilities of the Service Provider shall be the following:
 - Guarantee that the effluent passes the DENR DAO 2021-19 (*formerly DENR DAO 2016-08*) and other additional/applicable standards needed for the renewal of the PCMC's Discharge Permit issued by LLDA. In this regard, should the effluent fails the standards, the Service Provider is responsible to corrective measures and answerable to all involved penalties.
 - Provision of sufficient skilled personnel to the non-stop operation of hospital:
 - 24/7 operators, with workable shifting schedules, who shall be responsible for the monitoring, recording and reporting of daily operational activities.
 - Process Engineer who shall:
 - Visit, inspect and evaluate the condition of the SBR at least once a month or as deemed necessary, to determine system deficiencies and provide a list of recommendations for improvements together with an estimate cost of materials.
 - Assist the PCMC Pollution Control Officer (PCO):
 - By providing technical expertise and professional advice for the efficient and reliable operation of the SBR.

Handwritten signature

In the conduct of the monthly effluent water sampling and analyzing the 11 parameters (BOD5, COD, Color, TSS, Oil and Grease, pH, Orthophosphate, Nitrate Nitrogen, Ammonia Cal Nitrogen, Surfactants, and Fecal Coliform). The sampling results shall form part of the Self-Monitoring Report which is submitted to LLDA/DENR quarterly. Monthly laboratory analysis is included in the contract of service.

CONFORME:



Rogelio G. Monis, Jr.


Signature over printed name

**Name of Company/Firm
Eco-System Technologies
International (ESTI) Inc.**



- In submitting to LLDA/DENR the regular required quarterly monitoring report in accordance with the regulatory requirements.
- In the application for the processing and renewal of LLDA/DENR Discharge Permit (DP), excluding renewal filing fee
- Supply all necessary consumables such as wastewater treatment chemicals (may increase due to expansion of the hospital infrastructure and operation), lubricants, WD40 and cleaning agents during the contract period.
- Prepare monthly report detailing all the activities conducted for the month. Report will be sent not later than the 8th day of the succeeding month.
- Comply with the safety standards for the skilled workers on the job site by providing Personal Protective Equipment (PPE) (*e.g. gloves, safety shoes, dust mask and earmuff*) Safety Signage, Emergency Preparedness Plan, secondary containment for chemicals and other necessary safety requirement needed on the job site.
- Comply with PCMC's standard operating procedures, policies, and regulations, such as but not limited to:
 - All deliveries of materials/chemicals must include the respective Safety Data Sheets and pass through PCMC Material Management Division (MMD) – Receiving Area, duly supported by a delivery receipt/sales invoice. PCMC Engineering shall check the conformity of specifications before acceptance.
 - All tools and equipment to be brought in must pass through PCMC Security Office for issuance of an entry pass. Pull out of tools and equipment must be with the corresponding gate pass issued by the Material Management Division (MMD).
 - Tools and materials must be delivered 100% to comply with the project's terms and conditions.
 - Safekeeping and safeguarding of tools, equipment, and materials/chemicals shall be the accountability of the Service Provider. Disposal of empty containers of chemicals used shall also be care of the Service Provider.
 - Avoid any act/s that will disrupt hospital operations.
- In emergency situations exert reasonable efforts to immediately resolve the situation and promptly notify PCMC.

CONFORME:


 Rogelio G. Monis, Jr.
 Signature over printed name

Name of Company/Firm
 Eco-System Technologies
 International (ESTI) Inc.



- II. The Service Provider shall conduct monthly preventive maintenance activities of the SBR equipment, such as ampere reading, checking of V-belt and other related works to keep all equipment in good running condition. Cleaning of air blowers and change oil shall be undertaken once a year. Repair and replacement of major equipment, spare parts and replaceable parts are to be quoted and shouldered by PCMC.
- III. The Service Provider shall be held liable for all damages incurred during contract implementation. Restoration of damages shall be at their own expense.
- IV. The Service Provider shall maintain a very satisfactory rating on overall performance at the end of each month using the criteria: *(See ANNEX A)*. Two (2) consecutive ratings of *unsatisfactory* shall be the basis for contract termination. During the termination procedures, the said contract of the service provider may be extended at the option of the Procuring Entity until the new contract is awarded.
- V. **Contract Period : 1-Year**

CONFORME:

<p> <u>Rogelio G. Monis, Jr.</u> Authorized Signatory No: Signature over printed name</p>	<p><u>(02) 8424-3880</u> Contact</p>
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Eco-System Technologies International (ESTI) Inc
 Name of Company/Firm

<p><u>sales@ecosystemtech.com.ph</u> Company's Official Email Address No. (where notices will be sent)</p>	<p><u>(02) 8424-3880</u> Company's Official Contact</p>
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ANNEX A

Monthly Performance Evaluation Form

	Percentage	Scoring	
Quality: Monthly Result of Laboratory Analysis (ROLA) for the sampled wastewater	30%	All parameters passed	5
		1 failed parameter	4
		2 failed parameters	3
		More than 3 parameters failed	2
Completeness: Delivery and Inventory stocks of the required chemicals for wastewater treatment (checked on every 19 th day)	30%	100% delivered for the month	5
		80% delivered for month	4
		50% delivered for the month	3
		10% delivered for the month	2
Attendance: Shifting schedules based on the manpower available to cover the 24/7 hospital operations	25%	0 absent shift	5
		1 absent shifts	4
		2 absent shifts	3
		3 or more absent shifts	2
Reports: Submission of Monthly Preventive Maintenance Report, flow data needed for the Self-Monitoring Reports, and copy of the ROLAs per month	15%	Submitted on the first working day of the succeeding month	5
		Submitted on or before the 4th working day of the succeeding month	4
		Submitted on or before the 7th working day of the succeeding month	3
		Submitted on or before the 10th working day of the succeeding month	2
	100%		

Resulting Score Matrix	
<i>Outstanding</i>	4.71 – 5.00
<i>Very Satisfactory</i>	4.31 – 4.70
<i>Satisfactory</i>	3.81 – 4.30
<i>Unsatisfactory</i>	3.80 and below

Minimum Qualifications

- a. The company profile of the Service Provider shall include a list of projects similar to the project description, with emphasis on SBR types of Sewage Treatment Plant (STP), processing volume of at least 500 cubic meters per day, within the last 3 years, and, with ISO certification on Quality and Environmental Management Systems.
- b. Process Engineer
 - Laguna Lake Development Authority accredited Pollution Control Officer or equivalent
 - Mechanical engineering graduate or equivalent
 - able to communicate well both in formal and verbal

Handwritten signature

c. Operators

- has 2 years of experience in operating and maintaining SBR wastewater treatment facility
- able to submit detailed report about the facility on a monthly basis
- able to compile daily flow rates in a logbook of operations
- able to communicate well both in formal and verbal

CONFORME:


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Signature over printed name

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