



Republic of the Philippines
CITY GOVERNMENT OF MUNTINLUPA
 Sangguniang Panlungsod ng Muntinlupa



RESOLUTION NO. 2023-330

A RESOLUTION AUTHORIZING MAYOR ROZZANO RUFINO B. BIAZON, IN BEHALF OF THE CITY GOVERNMENT OF MUNTINLUPA, TO ENTER INTO AND SIGN THE MEMORANDUM OF AGREEMENT WITH FAR EASTERN UNIVERSITY-ALABANG ELECTRONIC AND COMMUNICATIONS ENGINEERING STUDENTS, NAMELY: MARIAN GABRIELLE V. MAC; AMIEL JEREMY S. OCAMPO; SEAN JAKOB D. SERICON; JOHN MARK A. TUTOR, AND ITS DIRECTOR ENGR. JORGE Z. BURGOS, ON THE RESEARCH AND DEVELOPMENT PROJECT "SOLAR-POWERED GROWING HOUSE USING FUZZY LOGIC-BASED MICROCONTROLLERS FOR WHITE OYSTERS MUSHROOMS IN THE MUNTINLUPA CITY DEMO FARM"

- Sponsored by:**
- Hon. Coun. Engr. Marissa C. Rongavilla
 - Hon. Coun. Atty. Raul R. Corro
 - Hon. Coun. Paty Katy C. Boncayao
 - Hon. Coun. Atty. Rachel Katriel Ann C. Arciaga
 - Hon. Coun. Ivey Rhia A. Tadea
 - Hon. Coun. Allan Rey A. Camilon
 - Hon. Coun. Jedidiah R. Presnedi, LPT
 - Hon. Coun. Ting D. Niefes
 - Hon. Coun. Mark Lester M. Baes
 - Hon. Coun. Francis Ian T. Bagatsing
 - Hon. Coun. Luvi P. Constantino
 - Hon. Coun. Engr. Mamerto T. Sevilla, Jr.
 - Hon. Coun. Engr. Arlene D. Hilapo
 - Hon. Coun. Cornelio M. Martinez
 - Hon. Coun. Rodolfo W. Moldez, Jr.
 - Hon. Coun. Walter A. Arcilla
 - Hon. Coun. Kenichi D. Takagi, Jr.

WHEREAS, Section 2(1), Article XIV of the 1987 Philippine Constitution provides that, "***The State shall establish, maintain, and support a complete, adequate, and integrated system of education relevant to the needs of the people and society;***"

WHEREAS, Section 16 of Republic Act No. 7160 also known as the "Local Government Code of 1991," states that, "***Every local government unit (LGU) shall exercise powers expressly granted, those necessarily implied therefrom, as well as powers necessary, appropriate, or incidental for its efficient and effective governance, and those which are essential to the promotion of the general welfare;***

WHEREAS, Section 22(c), *supra*, on the General Powers and Attributes of Local Government Units, provides that, "***Unless otherwise provided in this Code, no contract may be entered into by the local chief executive in behalf of the local government unit without prior authorization by the Sanggunian concerned. Xxx.***"

WHEREAS, Section 455 (b)(1)(vi), *supra*, states that, "***The City Mayor shall represent the city in all its business transactions and sign in its behalf all bonds, contracts, and obligations, and such other documents upon authority of the Sangguniang Panlungsod pursuant to law or ordinance;***"



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Republic of the Philippines
CITY GOVERNMENT OF MUNTINLUPA
Sangguniang Panlungsod ng Muntinlupa



Page 2
Resolution No. 2023-330

WHEREAS, as part of the undergraduate thesis requirement, students from the Far Eastern University-Alabang (FEU-Alabang), namely: **Marian Gabrielle V. Mac; Amiel Jeremy S. Ocampo; Sean Jakob D. Sericon; and John Mark A. Tutor**, will conduct a Research and Development Project in coordination with the City Government of Muntinlupa entitled "Solar-Powered Growing House Using Fuzzy Logic-Based Microcontrollers for White Oysters Mushrooms in the Muntinlupa City Demo Farm;"

WHEREAS, the said Research and Development Project aims to develop and implement a solar-powered grow house using micro-controllers for white oyster mushrooms for 30% increase in yield compared to traditional farming methods;

WHEREAS, the City Government of Muntinlupa, through the Department of Agriculture Extension Services Office (DA-ESO), validated the feasibility of the above-mentioned Research and Development Project;

WHEREAS, the under the Terms and Conditions of the Memorandum of Agreement, the City Government of Muntinlupa (CGM) and FEU-Alabang Student-Researchers agreed on the following, among others:

The CGM shall:

1. Through the DA-ESO, provide assistance to the Student-Researchers in the conduct of their Research and Development Project until the completion thereof;
2. Give access to the previous and new harvest data from Muntinlupa City Demo Farm's Mushroom House Production;
3. Inform the Student-Researchers of any improvements or changes in the Demo Farm's Mushroom House Production;
4. Grant permission to the Student-Researchers to use the designated area and grid electricity of the Demo Farm for prototype testing and gathering of data; and
5. Not be held liable for any damage, loss, or injury to any persons or property in the conduct of the Research and Development Project.

The FEU-Alabang Student-Researchers shall:

1. Only install the prototype after the current batch of mushroom have been harvested;
2. Inform the DA-ESO of any progress made during the development of the prototype;
3. Inform the DA-ESO of their visit to the Demo Farm, preferably, days before the actual visit;
4. Provide instructions and user manual for the installed automated system for Mushroom Grow House;
5. Shoulder all expenses for the construction of the prototype; and
6. Provide compensation if any of the original Mushroom Grow House component is damaged during the prototype installation.

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Republic of the Philippines
CITY GOVERNMENT OF MUNTINLUPA
Sangguniang Panlungsod ng Muntinlupa



Page 3

Resolution No. 2023-330

WHEREAS, the Research and Development Project shall be completed within six (6) months from the signing of the MOA or until such time that the prototype is satisfactorily working. In the event that the development of the prototype is not completed within the specified timeframe, the MOA shall be renewed accordingly;

WHEREAS, the intellectual property rights, ownership, and enjoyment thereof arising from the Research and Development Project shall be owned and retained by the FEU-Alabang Student-Researchers;

WHEREAS, *Katarungan* and *Kalikasan* are among the **7K Agenda** of **City Mayor Rozzano Rufino B. Biazon Administration** which pillars are key components in providing quality life to our constituents;

WHEREAS, upon review of the proposed MOA, the City Legal Office, in its opinion dated 29 August 2023, interposed no objection thereto but suggested amendments and/or rewording of the *Effectivity Clause* for consistency;

NOW THEREFORE, BE IT RESOLVED, AS IT IS HEREBY RESOLVED, by the 10th Sangguniang Panlungsod of Muntinlupa, to authorize the **City Mayor Rozzano Rufino B. Biazon**, in behalf of the City Government of Muntinlupa, to enter into and sign the **Memorandum of Agreement (MOA)** with Far Eastern University-Alabang Electronic and Communications Engineering Students, namely: **Marian Gabrielle V. Mac; Amiel Jeremy S. Ocampo; Sean Jakob D. Sericon; John Mark A. Tutor**; and its **Director Engr. Jorge Z. Burgos**, on the *Research and Development Project "Solar-Powered Growing House Using Fuzzy Logic-Based Microcontrollers for White Oysters Mushrooms in the Muntinlupa City Demo Farm."*

RESOLVED FURTHER, that necessary permits, licenses, and other requirements of the Department of Environment and Natural Resources, among other Agencies and/or Authorities, shall be complied with accordingly.

ADOPTED, by the 10th Sangguniang Panlungsod of Muntinlupa this 25th day of **September 2023** on its 64th Regular Session.

CONCURRED:

DISTRICT 1:

COUN. ATTY. RAUL R. CORRO
 Member

(ABSENT)
COUN. ALEXSON V. DIAZ
 Member

COUN. PATY KATY C. BONCAYAO
 Member

COUN. ATTY. RACHEL KATRIEL ANN C. ARCIAGA
 Member

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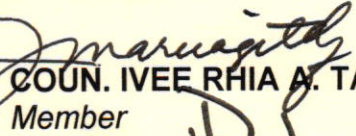
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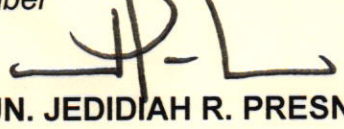
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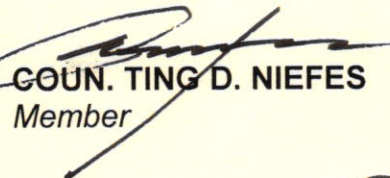


Page 4
 Resolution No. 2023-330


COUN. IVEE RHIA A. TADEFA
 Member



COUN. ALLAN REY A. CAMILON
 Member


COUN. JEDIDIAH R. PRESNEDE, LPT
 Member


COUN. TING D. NIEFES
 Member

DISTRICT 2:

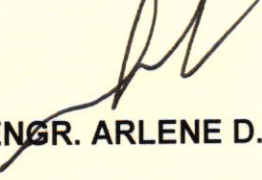

COUN. MARK LESTER M. BAES
 Member


COUN. FRANCIS IAN T. BAGATSING
 Member


COUN. LUYI P. CONSTANTINO
 Member


COUN. ENGR. MANERTO T. SEVILLA, JR.
 Member

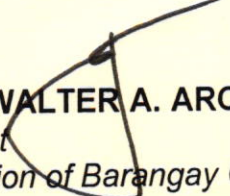

COUN. ENGR. MARISSA C. RONGAVILLA
 Member

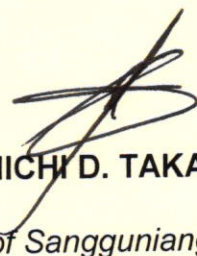

COUN. ENGR. ARLENE D. HILAPO
 Member


COUN. CORNELIO M. MARTINEZ
 Member



COUN. RODOLFO W. MOLDEZ, JR.
 Member

Sectoral Representative:


COUN. WALTER A. ARCILLA
 President
 Association of Barangay Chairman


COUN. KENICHI D. TAKAGI, JR.
 President
 Federation of Sangguniang Kabataan

I HEREBY CERTIFY, as to the correctness of the foregoing Resolution.


CECILIA C. LAZARTE
 Secretary to the Sanggunian

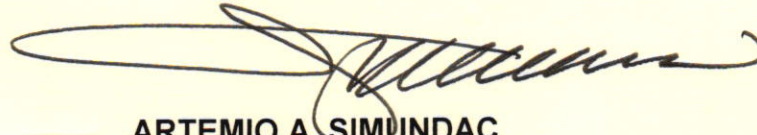


Republic of the Philippines
CITY GOVERNMENT OF MUNTINLUPA
 Sangguniang Panlungsod ng Muntinlupa



Page 5
 Resolution No. 2023-330

ATTESTED:



ARTEMIO A. SIMUNDAC
 City Vice-Mayor/Presiding Officer

APPROVED:

Rozzano Rufino B. Biazon
ROZZANO RUFINO B. BIAZON
 City Mayor

03 OCT 2023

Date: _____

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