

III. TERMS OF PAYMENT

1. Full payment within thirty (30) calendar days upon completion of the Inspection and Acceptance Report inclusive of all government taxes and charges.
2. Agrees that no advance payment shall be made as provided in Section 88 of PD 1445.

IV. DELIVERY SCHEDULE

1. Within sixty (60) calendar days upon receipt of Notice to Proceed (NTP)

Lot II APPROVED BUDGET FOR THE OFFICE EQUIPMENT CONTRACT (AIRCONDITIONING UNITS)

**Nine Hundred Seventy Nine Thousand Nine Hundred Pesos
(Php979,900.00)** inclusive of all applicable government taxes and charges.

TECHNICAL SPECIFICATIONS FOR OFFICE EQUIPMENTS (AIRCONDITIONING UNITS)

i. THREE (3) 3.0 TR AIRCONDITIONER CEILING MOUNTED INVERTER SPLIT TYPE

SPECIFICATIONS		
Nominal Cooling Capacity	Btu/hr Kj/hr	38000 40090
Refrigerant		R410A
Power Supply	V / ph / Hz	208-230 / 1 / 60
Rated Maximum Power	W	3100
Rated Current	Amps	16
EER	Btu/h-W	12.3
INDOOR UNITS		
Dimension, W x H x D	mm	1360 x 755 x 330
Weight	Kg	35

Location		Indoor Unit
Air Filter (Standard)		Washable, Anti-Mold Pre-filter
External Finish		Painted Steel
OUTDOOR UNITS		
Energy Efficiency Ratio (EER)	Btu/h-W	12.3
Running Current	A	16
Compressor Type		ROTARY
Dimension W x H x D	mm	1090 x 500 x 865
Weight	Kg	75
PIPING		
Refrigerant Piping Connection		Flare
Size OD, Gas/Liquid	mm	15.88 / 9.52
Max. Pipe Length Horizontal	m	30
Max. Vertical Separation	m	5

ii. ONE (1) 2.0 HP AIRCONDITIONER CEILING MOUNTED INVERTER SPLIT TYPE

SPECIFICATIONS		
Nominal Cooling Capacity	Btu/hr Kj/hr	25000 26375
Refrigerant		R410A
Power Supply	V / ph / Hz	208-230 / 1 / 60
Rated Maximum Power	W	2000
Rated Current	Amps	10.9
EER	Btu/h-W	12.5
INDOOR UNITS		
Dimension W x H x D (unit)	mm	1068 x 675 x 235
Weight	Kg	30
Location		Indoor Unit
Air Filter (Standard)		Washable, Anti-Mold Pre-filter
External Finish		Painted Steel

OUTDOOR UNITS		
Energy Efficiency Ratio (EER)	Btu/h-W	12.5
Power Consumption	Watts	2000
Running Current	A	10.9
Dimension W x H x D		965 x 395 x 755
Compressor Type		ROTARY
Weight	Kg	46
PIPING		
Refrigerant Piping Connection		Flare
Size OD, Gas/Liquid	mm	9.5 / 15.9
Max. Pipe Length Horizontal	m	25
Max. Vertical Separation	m	5

iii. SIX (6) 1.0 HP AIRCONDITIONER WINDOW TYPE NON-INVERTER

SPECIFICATIONS		
Cooling Capacity	Btu / h Kj / hr	9573 10100
Rated Current	A	4.1
Max. Input Consumption	W	1200
Energy Efficiency Ratio (EER)	Kj / h-W	10.5
Power Supply	-----	220-230V / 60Hz / 1Ph
Unit Dimension W x H x D	mm	456 x 557 x 345
Product Weight	Kg	32
Refrigerant		R410A

iv. ONE (1) 2.0 HP AIRCONDITIONER WINDOW TYPE NON-INVERTER

SPECIFICATIONS		
Cooling Capacity	Btu / h Kj / hr	18000 18990
Rated Current	A	8.7
Max. Input Consumption	W	2150
Energy Efficiency Ratio (EER)	Kj / h-W	11
Power Supply	-----	220-230V / 60Hz / 1Ph
Unit Dimension W x H x D	mm	660 x 690 x 435
Product Weight	Kg	39
Refrigerant		R410A

v. ONE (1) 5 TR FREE BLOW / FLOOR MOUNTED SPLIT TYPE AIRCONDITIONING UNIT INVERTER

SPECIFICATIONS		
Nominal Cooling Capacity	Btu/hr Kj/hr	60000 63300
Refrigerant		R410A
Power Supply	V / ph / Hz	208-230 / 3 / 60
INDOOR UNITS		
Dimension W x H x D (unit)	mm	610 x 385 x 1877
Weight	Kg	76
Location		Indoor Unit
Air Filter (Standard)		Washable, Anti-Mold Pre-filter
External Finish		Painted Steel
OUTDOOR UNITS		
Energy Efficiency Ratio (EER)	Btu/h-W	11
Power Consumption	Watts	5370
Running Current	A	15.5
Dimension W x H x D		952 x 415 x 1333
Weight	Kg	116

PIPING

Refrigerant Piping Connection		Flare
Max. Refrigerant Pipe Length	m	50
Max. Pipe Length Horizontal	mm	19.05 / 9.52
Max. Vertical Separation	m	8

I. QUALIFICATION OF THE CONTRACTOR

Must have been in the business of supplying, delivering, installing air conditioning units and providing its repair and preventive maintenance for at least five (5) years.

Must present a Client Satisfaction Rating from at least three (3) government agencies or private corporations, with whom the contractor has a past or ongoing contract similar to this budget

Must be based in or around Metro Manila

II. SUPPLY, DELIVERY, DISMANTLING, HAULING AND INSTALLATION SCHEDULE

Agrees to supply, deliver, dismantle and install Twelve (12) Air conditioning units at the OSG Building and extension office within a period of Sixty (60) calendar days from receipt of Notice to Proceed (NTP), which period shall already include the time required to dismantle and haul the existing air conditioning units to be replaced, and the delivery and installation of the new air conditioning units.

III. SCOPE OF SERVICES

A. DOCUMENTATIONS

1. Agrees to process and submit to the concerned government agencies the required documents needed, if any, in the dismantling, hauling, delivery, installation and operation of the air conditioning units and pay the necessary fees on its own account.
2. Agrees to issue a one (1) year Certificate of Comprehensive Warranty on technical support, provision of services parts replacement/repair and preventive maintenance check-up.
3. Agrees to provide Operation and Maintenance Manual, Control Diagrams, Manufacturer's Printed Data including associated diagrams in clear concise English, drawings, technical data for the efficient operation and maintenance of the air conditioning units.

B. DISMANTLING, HAULING AND INSTALLATION WORK

1. Agrees to dismantle the existing air conditioning units, evaporator assembly, condensing unit assembly, feeder line, accessories and all other components, according to a pre-approved work plan
2. Agrees to haul all dismantled parts/components to the area designated by the Section Head of the Security Ground and Building Maintenance Section.
3. Agrees to supply and install Brand New air conditioning units, according to a pre-approved work plan.
4. Agrees to provide wiring and conduit works for main-feeder lines and sub-feeders from main circuit breaker to the equipment.
5. Agrees to render necessary masonry, repair/polishing work, grouting and cementing of concrete walls.
6. Agrees to supply and fix all support necessary for the installation of the air conditioning units, whether indoor or outdoor.
7. Agrees to provide safety barricades, enclosures, shielding, coverings, warning device, etc. upon the start of the project to ensure protection of the general public and damage to properties due to falling debris.
8. Agrees to clean up the whole area daily of accumulated refuse of debris caused by the work and upon completion of the project, the entire installation to the satisfaction of the OSG.

IV. POST – INSTALLATION WORK

A. ORIENTATION / FAMILIARIZATION

Agrees to conduct a one-time in-house familiarization/orientation for the personnel of the Security Ground and Building Maintenance Section of the OSG and end users on the operation of the air conditioning units immediately after their installation.

B. POST-INSTALLATION SERVICE WARRANTY

1. Agrees to respond within four (4) working hours from the time a problem is reported during the warranty period.
2. Agrees to issue to client a diagnostic report of the problem within eight (8) working hours from the time it was reported during the warranty period.
3. Agrees to make available on-call technicians to provide technical support services during the warranty period.

C. WARRANTIES OF THE CONTRACTOR

1. Warrants to replace defective goods or parts if beyond repair, within three (3) calendar days from receipt of written notice from Procuring Entity.
2. Warrants that it shall conform strictly to the terms and conditions of this Terms of Reference.
3. Warrants that its manpower shall have at least one (1) personnel must be a holder of a license or possess a certification from TESDA or other accredited institutions warranting technical skills to do the services required to the satisfaction of the OSG.
4. Warrants that it shall employ well-behaved and honest employees with ID displayed conspicuously while working within the compound.
5. Warrants to pay all fees or charges payable to any instrumentality of government or to any other duly constituted authority relating to the use or operation of the installation.
6. Warrants that its personnel shall take all necessary precautions for the safety of all persons and properties at or near their area of work and shall comply with all the standard and established safety regulations, rules and practices.
7. Warrants that it shall coordinate with authorized and/or designated OSG personnel in the performance of their job.
8. Warrants a one (1) year warranty from date of acceptance that installed air conditioning units shall have no defects, arising from design, materials, or workmanship.
9. Warrants that it shall be liable for loss, damage, or injury as may be due directly through the fault or negligence of its personnel; that it shall assume responsibility thereof and the OSG shall be specifically released from any responsibility arising there from.

V. TERMS OF PAYMENT

A. Schedule of Payment

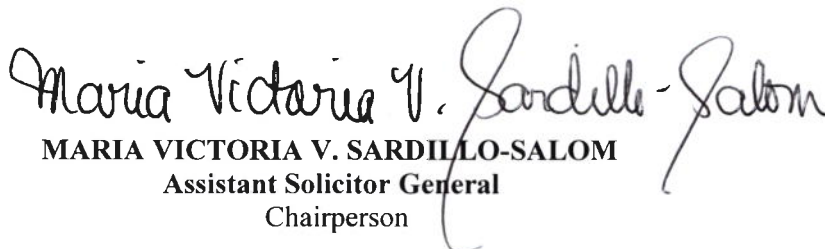
1. Agrees to be paid based on a progressive billing scheme as follows:

Mobilization Fee, upon the commencement of the project	15% of the total contract price
Upon completion of the dismantling, hauling of the existing air conditioning units and the installation of the new units	75% of total contract price
During the retention period	10% of the total contract price

and subject to the required Expanded Withholding Tax (EWT) of two percent (2%) and Final Withholding Tax on VAT of five percent (5%).

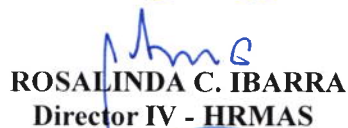
2. Agrees that each payment shall be made within thirty (30) days from completion of Inspection and Acceptance Report and all other required documents.

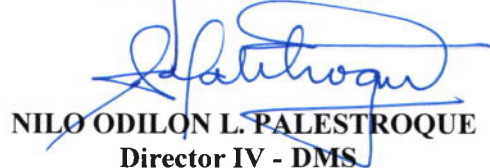
**TECHNICAL WORKING GROUP FOR THE PROCUREMENT OF PROPERTY,
PLANT & EQUIPMENT FOR FISCAL YEAR 2019**

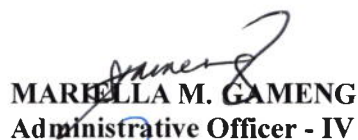

MARIA VICTORIA V. SARDILLO-SALOM
Assistant Solicitor General
Chairperson

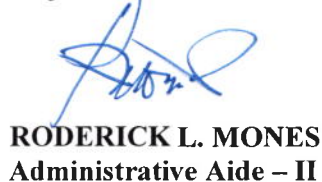
Members:


JUAN PAOLO R. GUERRERO
Associate Solicitor I


ROSALINDA C. IBARRA
Director IV - HRMAS

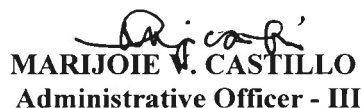

NILO ODILON L. PALESTROQUE
Director IV - DMS

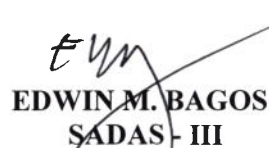

MARELLA M. GAMENG
Administrative Officer - IV


RODERICK L. MONES
Administrative Aide - II


YVETE MARIE I. SOLA
Associate Solicitor II


EDUARDO ALEJANDRO O. SANTOS
Director IV - CMS


MARIJOIE V. CASTILLO
Administrative Officer - III


EDWIN M. BAGOS
SADAS - III