

Republic of the Philippines
University of the Philippines Mindanao
Mintal, Tugbok District, Davao City
Tel No. (082) 293-0016 local 103 Fax No. 293-0185

Date: 19 September 2016

ADDENDUM NO. 02-2016
Name of Contract: **Supply of Generator Set**

This Addendum is issued to revise the bid documents, namely: Technical Specifications and the approved budget for the three (3) lots consisting of the following:


Lot No	Description	Approved Budget	Cost of Bid Documents
1	Generator Set – 50KVA, 230V, 3 Phase – 2 Units	P2,000,000.00	P5,000.00
2	Generator Set 125KVA, 230V, 3phase, 60Hz – 1 Unit	P2,700,000.00	P5,000.00
3	Generator Set – Portable Solar Generator Set – 3 Units	P300,000.00	P500.00

Please see the attached sheets for the details.

For guidance and information of all concerned.


for:  9/19/16
ANTONIO R. OBSIOMA, Ph.D.
Chair, Bids & Awards Committee 

Revised Technical Specifications and Approved Budget

Lot No	Description	Quantity	Approved Budget	Statement of Compliance
Lot 1	<p>Generator Set</p> <p>Diesel Generator Set 50KVA, 230V, 3 Phase, 60Hz (brand new) 4 cycle, in-line, 4 cylinder, turbo charged, charge air cooled, brushless, single bearing, revolving field, prime 125°C, standby 167°C self excited, ATS (automatic transfer switch) for 50KVA, 3 Phase, 230Volts, 60Hz 10 mtrs royal cord 3 wires at 38mm² (fr GenSet to ATS) Panel board 3 phase, 6 branches, center main breaker Main breakers: 125amps, 3phase, 230volts, molded case circuit breaker Branches: 4-100amps, 3phase, 230volts, molded case circuit breaker wire THW 38mm² and connectors With trailer, heavy duty (2) wheels, easy to transport by multicab of similar-sized vehicle Warranty: One year on parts; Three years on service.</p> 	2 Units	P2,000,000.00	



Revised Technical Specifications and Approved Budget

Lot No	Description	Quantity	Approved Budget	Statement of Compliance
Lot 2	Generator Set	1 Unit	P2,7000,000.00	
	<i>Please refer to the attached sheet for the technical specifications.</i> 			



LOT 2 - Generator Set – One Unit

Diesel Generator Set

125KVA, 230V, 3 Phase, 60Hz (brand new)

Silent type

6 cylinder inline, turbo charged, water to air intercooled, brushless, single bearing, revolving field, 2/3 pitch-stator, self-excitation, AVR regulation, IP21 Protection grade, prime 125°C, standby 167°C

Auto Main Failure Control Panel: Control with AMF Module, static battery charger, emergency stop push button

Metering via LED Display: Generator volts (L-L/L-N), Engine oil pressure (PSI-BAR), Generator AMPS (L1, L2, L3)

Engine temperature (°C & °F), Generator frequency (Hz), Plant battery volts, engine hours, main volt (PH-PH & PH-N)

Alarm: Over & under speed, low & high battery volts, start stop failure, charge fail, over current, under/over

Generator voltage: low oil pressure, emergency stop, high engine temperature

Generator Set Accessories:

- a) Rain and sun protection, security enclosure protection, wirings, panel boards & IMC pipes
 - b) Automatic transfer switch with complete voltmeter and ammeter per phase
 - c) Supply power to all Administration Building Wing A & Wing B, lightings and power outlet
 - d) Testing and commissioning
includes installation, labor and materials
- Warranty: 1 year on parts, 3 years in service

Electrical

MTS (Manual Transfer switch) (2) MCCB @ 200Amps, 3Ø, Mechanical interlock w/ led indicator for normal and emergency power

100mm² THHN WIRE (90°C Wet and dry application)

50mm² THHN WIRE (90°C Wet and dry application)

22mm² TW WIRE (for grounding)

14mm² TW WIRE (for grounding)

Panel board 3phase, 6branches, center main breaker (all breaker square D)

Main breakers: 200amps, 3phase, 230volts, molded case circuit breaker

Branches:4-100amps, 3phase, 230volts, molded case circuit breaker

Moulded case circuit breaker (MCCB) 400 amps,3Ø,230V with heavy duty enclosure

IMC Pipe 2 1/2"Ø & accessories & grounding system @ genset & electrical room


GENSET HOUSE

Base on the actual 125KVA Genset Size

Flooring 4" concrete, genset foundation 1ft. From flooring, grill steel matting 8mm-1.5mts

Steel trusses, pre-painted roofing, steel matting 8MM double swing door

Revised Technical Specifications and Approved Budget

Lot No	Description	Quantity	Approved Budget	Statement of Compliance
Lot 3	<p>Generator Set</p> <p>Portable Solar Generator Set Battery capacity:2000Watts, 12 hours battery operation Solar capacity: 30W (18-22V) 2x, tough, rugged and weather resistant, with option to charge via solar panel or wall outlet, with multiple built-in ports: USB, 12v, AC(3), with carrying case and roll cart, silent type, can supply power to television set and refrigerator, can be used while charging With solar panel compatible with generator With portable trailer Includes installation, labor and materials Warranty: at least one (1) year on parts, three (3) years on service.</p> 	3 Units	P300,000.00	

