DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

PAGASA BIDS AND AWARDS COMMITTEE (PAGASA-BAC)

SUPPLEMENTAL / BID BULLETIN No. 2019-021-02 & 2019-022-02

28 May 2019

Subject:

Supply, Delivery, Installation, Testing and Commissioning of One (1) Unit 340 KVA Three-Phase Generator Set for the Wind Tunnel of Mactan Cebu PAGASA Station Complex (Re-bid)

Reference: PR No. 2018-10-0718 / IB No. 2019-021

ABC: Php4,196,967.51

2. Supply, Delivery, Installation, Testing and Commissioning of One (1) Unit 200 KVA Three Phase Generator Set for the Wind Tunnel of Davao PAGASA Station Complex (Re-bid)

Reference: PR No. 2018-09-0684 / IB No. 2019-022

ABC: Php3,164,822.33

This Supplemental/Bid Bulletin is being issued to all prospective bidders to clarify, amend and/or modify certain provisions in the Bidding Documents and to answer the written clarificatory questions submitted by prospective bidders, to wit:

A. Query from FIL GENERATORS & SERVICES COMPANY

Query No.	Particulars	Answers
1.	On the Generator Technical Specifications:	
	a. Fuel Tank Capacity -	
	May we propose manufacturer's standard with minimum 8 hrs operating capacity?	 The Fuel Tank Capacity of the Generator sets for the Cebu and Davao PAGASA Stations, above is hereby amended as follows:
		For <u>Cebu PAGASA Station</u>
		From: 400 L
		To: 400 L; or, manufacturer's standard with minimum 8 hrs capacity under 75% load.
		For <u>Davao PAGASA Station</u>
		From: 330 L
		To: 330 L; or, manufacturer's standard with minimum 8 hrs capacity under 75% load.
	b. Dimension and Dry Weight –	
	May we propose manufacturer's standard?	b. PAGASA has a readily available foundation plans for the generator sets with complete details as shown in the attached Annex "A" of this Bid Bulletin. The offered generator set must fit in to the foundation depicted therein.
		The foundation design is based on the weight of 3,150 kilograms.
2.	On the additional requirements –	
	For License Mechanical Engineer, Electrical Engineer /Registered Master Electrician and Safety Officer –	
	May we ask if for the two projects, same persons will be acceptable?	Yes, as long as the personnel so committed for each Project will be made available during implementation thereof.
	b. Will their resume be submitted during the bid opening or only after the bidder is declared as the lowest Bidder?	b. The respective resume of the above enumerated personnel shall be submitted as

[&]quot;tracking the sky...helping the country"

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c. What are the possible acceptable proof requirement for the Authorized Local Service Center or Branch and is there a requirement for the number years or months of existence?

part of the prospective bidder's bid during the bid submission.

- c. Prospective bidders shall submit any the following acceptable proofs:
 - A duly signed <u>Certification</u> issued by the bidder or manufacturer of the authority of the Local Service Center to service the unit that is being offered. Said 'Certification' shall be duly conformed by the Local Service Center's authorized representative.
 - 2. A duly notarized Contract between the prospective bidder or manufacturer and the authorized Local Service Center.
 - 3. A Service Level Agreement (SLA)

Note: Copy of the authorized Local Service Center's:

- Valid and current Mayor's or Business Permit; and,
- DTI or SEC Certificate of Registration

shall likewise form part of the prospective bidder's submissions and compliance to the above requirement.

B. Query from **SUPERSERVE CORPORATION**

1 On the TOR, VII. Additional Requirements

States that "The contractor/supplier must have an Authorized Local (Cebu/Davao) Service Center or a Branch in Cebu/Davao also capable as a Service Center."

Is it possible that in lieu of this requirement, we will just issue a certificate that our response time for warranty claims is within twenty four (24) to forty eight (48) hours upon receipt of formal complaint via letter of an email?

No, the request will not be allowed. This specific provision is purposely made not only to cater to the equipment's warranty requirements within the warranty period but also to establish a long term solution that is readily available in the area, for the equipment's fast, efficient and reliable servicing even beyond its warranty, thereby maximizing the equipment's useful life.

This shall form an integral part of the Bid Documents.

For information and guidance of all participating bidders.

Sgd.

CATALINO L. DAVIS

Chairperson, PAGASA-BAC

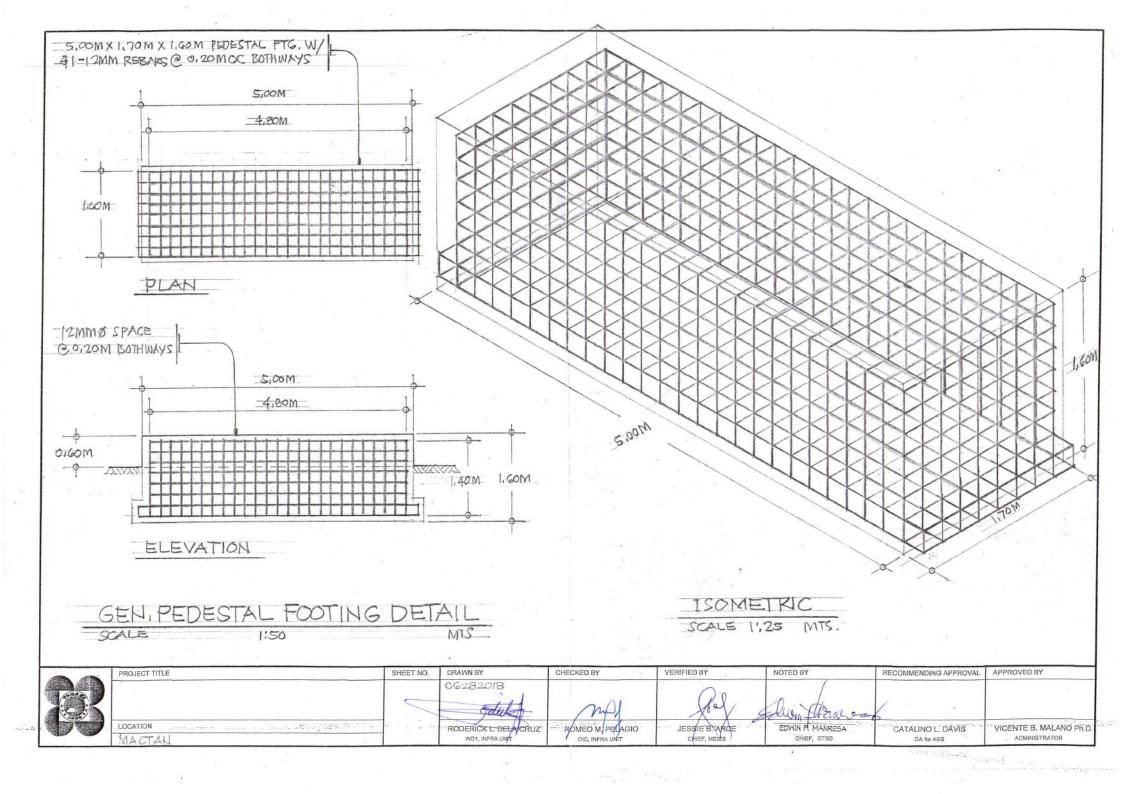
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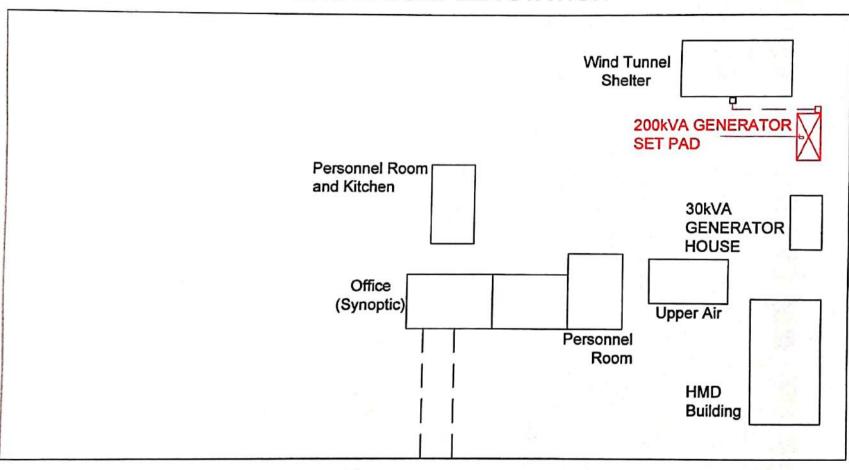
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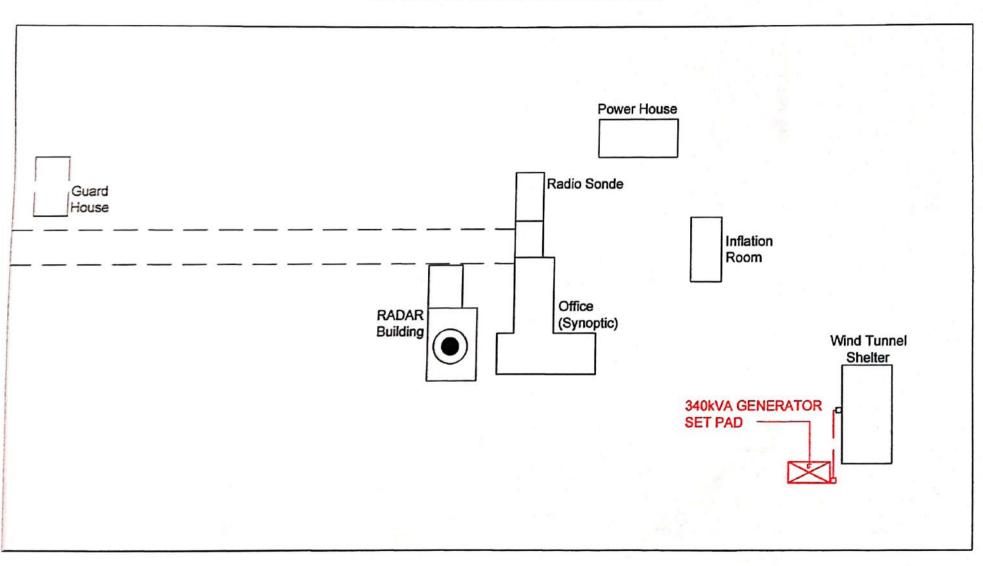




SITE LOCATION OF THE PROPOSED 200kVA GENSET AT DAVAO COMPLEX STATION



SITE LOCATION OF THE PROPOSED 340kVA GENSET AT MACTAN COMPLEX STATION



ATTACHMENT "A" (Reference: DPWH D.O. No. 197 S. 2016)

					APPROVI	ED BUDG	DGET FOR THE CONTRACT (ABC)									
				MATERIALS		LABOR	EQP'T	ESTIMATED			TOTAL MARK-UP		VAT TOTAL	TOTAL	TOTAL	UNIT
ITEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL PRICE	COST	RENTALS	DIRECT	IN PEI	RCENT				INDIRECT	COST	COST
								COST	OCM	PROFIT	%	VALUE		COST		
									15%	10%	25%					
(1)	(2)	(3)	(4)					(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
												(5)x(8)	5%[(5)+(9)]	(9)+(10)	(5)+(11)	(12)/(3)
Α.	200KVA- Generator Set, Silent type, 3Phase (4 Wires) Rated Voltage(V) 200-240/380-440, PF 0.8 (Lagging) VR% within +/- 1.5, Excitation brushless rotating exciter w/ AVR, Insulation Class H, w/ NEMA 3R enclosure suitable for Outdoor use. (VAT Inclusive)	1	set			n/a	n/a		n/a		n/a	n/a	n/a			
	Sub-Total (A)															
B.	Electrical															
	Electrical Works															
	Wire THHN 125mm ² @28mtrs./roll	6	rolls													
	Wire TW 60mm ² @28mtrs./roll (Green)	1	roll													
	PVC Pipe 2½" dia. @10ft./length	24	lengths													
	Bare copper wire, 30mm ²	2	mtrs													
	Grounding rod, 20mm x 3m	1	length													
	PVC pipe cement, 400cc	2	cans													
	Silicone sealant, 300cc	4	tubes													
B(b)	Civil Works															
	Cement (Portland, 40 kgs.)	6	bags													
	Sand	0.3	cu.m.													
	Gravel	0.7	cu.m.													
	Steel Bar, 10mm dia.	12	pcs.													
	Tie Wire, G.I. #16	1	kg.													
	Good Lumber, 2"x 2" x 8'	8	pcs.													
	Plywood Ordinary, 4' x 8' x 1/4"	2	pcs.													
	Common Nail, assorted 1" & 2"	11	kg.													
	Common Nail, 3"	1	kg.													
	Excavation	3	cu.m.													
	Sand Backfill	1	cu.m.													
	Detectable Warning Tape, 3" Width x 25mtrs.	1	roll													
	Sub-Total (B)															
С	Generator set Foundations						1									ļ
	Excavation Works															
	Excavation at 2.0mx4.8mx1.6m = 14.4 cu.m	14.4	cu.m.													

Foundation at 0.2mx2.50mx4.8m = 2.40 cu.m									
Cement	19.8	bags							
Gravel	2.4	cu.m.							
Sand	1.2	cu.m.							
Steel Bar 12mm dia.	9	pcs.							
Tie Wire, G.I. #16	0.5	kg.							
Pedestal Volume=									
1.4mx4.40mx1.45m= 8.93 cu.m									
Gravel	8	cu.m.							
Sand	4	cu.m.							
Cement (Portland 40kgs)	72	bags							
Tie Wire, G.I. #16	1	kg.							
Steel Bar, 12mm dia.	30	pcs.							
Form works									
Plywood 1/4" x 4' x 8'	7	pcs.							
Coco Lumber 2"x2"x12'	12	pcs.							
CW Nails, 4"	0.5	kg.							
CW Nails, assoted 2" & 3"	1	kg.							
Sub-Total (C)									
Total (B-C)									

ATTACHMENT "A"

(Reference: DPWH D.O. No. 197 S. 2016)

					APPROV	ED BUDO	GET FOR	THE CONTR								
				MATERIALS		LABOR	EQP'T	ESTIMATED DIRECT	MARK-UPS IN PERCENT		TOTAL	MARK-UP	VAT	TOTAL INDIRECT	TOTAL COST	UNIT
TEM NO.	DESCRIPTION	QTY.	UNIT	UNIT PRICE	TOTAL PRICE	COST	RENTALS									
								COST	OCM	PROFIT	%	VALUE		COST		
									15%	10%	25%					
(1)	(2)	(3)	(4)					(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
												(5)x(8)	5%[(5)+(9)]	(9)+(10)	(5)+(11)	(12)/(3)
A.	340KVA- Generator Set, Silent type, 3Phase (4 Wires) Rated Voltage(V) 200-240/380-440, PF 0.8 (Lagging) VR% within +/-1.5, Excitation brushless rotating exciter w/ AVR, Insulation Class H, w/ NEMA 3R enclosure suitable for Outdoor use. (VAT Inclusive)	1	set			n/a	n/a		n/a		n/a	n/a	n/a			
	Sub-Total (A)															
B.	Electrical															
	Electrical Works															
	Wire THHN 100mm² @28mtrs./roll	12	rolls													
	Wire TW 50mm² @28mtrs./roll															
	(Green)	1	roll													
	PVC Pipe 21/2" dia. @10ft./length	24	lengths													
	Bare copper wire, 30mm ²	2	mtrs													
	Grounding rod, 20mm x 3m	1	length													
	PVC pipe cement, 400cc	2	cans													
	Silicone Sealant, 300cc	4	tubes													
	Civil Works															
	Cement (Portland, 40 kgs.)	6	bags													
	Sand	0.4	cu.m.													
	Gravel	0.8	cu.m.													
	Steel Bar, 10mm dia.	12	pcs.													
	Tie Wire, G.I. #16	1	kg.													
	Good Lumber , 2"x 2" x 8'	8	pcs.													
	Plywood Ordinary, 4' x 8' x 1/4"	2	pcs.													
	Common Nail, assorted 1" & 2"	1	kg.													
	Common Nail, 3"	1	kg.													
	Excavation	3	cu.m.													
	Sand Backfill	11	cu.m.													
	Detectable Warning Tape, 3" Width x 25mtrs.	1	roll													
	Sub-Total (B)															
С	Generator set Foundations															
	Excavation Works															
	Excavation at 2.0mx4.8mx1.6m = 14.4 cu.m	14.4	cu.m.													

Foundation at 0.2mx2.50mx4.8m = 2.40 cu.m									
Cement	19.8	bags							
Gravel	2.4	cu.m.							
Sand	1.2	cu.m.							
Steel Bar 12mm dia.	9	pcs.							
Tie Wire, G.I. #16	0.5	kg.							
Pedestal Volume=									
1.4mx4.40mx1.45m= 8.93 cu.m									
Gravel	8.93	cu.m.							
Sand	4.5	cu.m.							
Cement (Portland 40kgs)	80.37	bags							
Tie Wire, G.I. #16	1	kg.							
Steel Bar, 12mm dia.	33	pcs.							
Form works									
Plywood 1/4" x 4' x 8'	8	pcs.							
Coco Lumber 2"x2"x12'	16	pcs.							
CW Nails, 4"	0.5	kg.							
CW Nails, assoted 2" & 3"	1	kg.							
Sub-Total (C)									
Total (B-C)									
			·						