



Republic of the Philippines  
MUNICIPALITY OF KAPALONG  
Province of Davao del Norte  
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## **INVITATION TO BID**

### **Purchase and Installation of Variable Frequency Drive at Banate, Brgy. Capungagan, Kapalong, Davao del Norte**

1. *The Local Government Unit of Kapalong, through the SB #1-2024 intends to apply the sum of **Three Hundred Ten Thousand Pesos Only ( 310,000.00)** being the ABC to payments under the contract for **Purchase and Installation of Variable Frequency Drive at Banate Brgy. Capungagan, Kapalong, Davao del Norte.** Bids received in excess of the ABC shall be automatically rejected at bid opening.*
2. *The Local Government Unit of Kapalong now invites bids for the above Procurement Project. Delivery of the Goods is required by **30 calendar days.** Bidders should have completed, within Five (5) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).*
3. *Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.*
  - a. *Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.*
4. *Prospective Bidders may obtain further information from Local Government Unit of Kapalong and inspect the Bidding Documents at the address given below during **8:00 AM to 5:00 PM.***
5. *A complete set of Bidding Documents may be acquired by interested Bidders on **July 18 ,2024** from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Five Hundred Pesos Only (P 500.00).***
6. *Bids must be duly received by the BAC Secretariat through (i) manual submission at the office address indicated below, on or before **July 29, 2024 at 1:00 PM.** Late bids shall not be accepted.*
7. *All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause 14.***
8. *Bid opening shall be on **July 29 , 2024 at 1:00 PM** at the given address below Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.*
9. *Interested Bidders shall submit Letter of Intent (LOI) and notarized authorization as representative from the proprietor/Company to attend the Pre-Bid Conference and Bid Opening.*

*Term of Payment must be a minimum of Ten (10) and maximum of Thirty (30) working days upon Final Acceptance and Inspection.*

10. *The Local Government Unit of Kapalong reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.*

11. *For further information, please refer to:*

*MARY ELIZABETH L. EXALA*

*BAC OFFICE*

*Quezon Street, LGU Compound, Maniki, Kapalong, Davao del Norte*

*dadangmay@yahoo.com*

*09176848162*

*www.kapalong.gov.ph*

12. *You may visit the following websites:*

*For downloading of Bidding Documents: [www.philgeps.gov.ph](http://www.philgeps.gov.ph)*

**(SGD.) MARY ELIZABETH L. EXALA**

*BAC Chairperson or Authorized Representative*

Republic of the Philippines  
Municipality of Kapalong  
Davao Province

**Reference: One (1) unit Variable Frequency Drive**

Item	Qty	Unit	Article/Description	Approved Budget of Contract	Unit Price	Total Price	Remarks of delivery of articles
1	1	unit	Variable Frequency Drive	310,000.00			
			C200 Series Plus 60HP (45KW) VAC, 3 Phase				
			Input Voltage : 200V-240V, 3 Phase				
			Horsepower: 60 HP				
			Output : 3 phase Output				
			Housing/Enclosure :IP20				
			Type of Drive: High Performance				
			Series Features include:				
			Heavy-duty overload capacity up to 150%/60 sec.				
			and 180% /3 sec. at rated current: sensorless				
			vector control of 1M /PM/SynRM motors				
			IP55 fans, efficient heat sink and class 3c3				
			conformal PCB coating				
			Built-in PLC (10K steps) and remote I/O integration				
			for CANopen/modbus master stations				
			Control Function: Torque control, Speed/torque				
			control switching,Feed forward control, Zero-servo				
			control				
			Momentary power loss ride thru, Speed search ,Over-				
			torque detection, Torque limit, 16-step speed(Max)				
			Slip compensation , Torque compensation , JOG				
			frequency. Fault restart, Frequency upper/lower				
			limit settings, DC injection braking at start/stop.				
			High slip braking, Parameter copy PID control				
			(with sleep function). Energy saving control				
			Optional Communication Cards: Ether CAT,				
			EtherNet/IP,DeviceNet,PROFINET, PROFIBUS DP,				
			Modbus TCP, CaNopen				
			Starting Torque: Reach up to 150% or above at				
			0.5Hz, Under FOC + PG mode starting torque can				
			reach 150% at 0 Hz				
			V/F curve: 4-point adjustable V/F curve and				
			square				
			curve.				
			Speed Response Ability : 5 Hz (Vector control				
			can reach up to 40 Hz)				
			Over-temperature Protection: Built -in				
			temperature sensor				
			Stall Prevention: Stall prevention during				
			acceleration , deceleration and running				
			independently .				
			Restart After instantaneous Power Failure:				
			Parameter setting up to 20 seconds Grounding				



