



# GUAM WATERWORKS AUTHORITY

“Better Water. Better Lives.”

Gloria B. Nelson Public Services Building

688 Route 15, Mangilao, Guam 96913

PH: 300-6026/6027 Fax: 649-3750

## GWA IFB No. 2020-01 relative to Variable Frequency Drive System GWA Response to Inquiries No. 1

This Addendum and Response to Request for Information (RFI) is issued to modify the previously issued bid documents and/or given for informational purposes and to the extent the responses below modify the bid documents, please treat them as an amendment to the Bid. The following responses are in response to RFIs received from potential bidders on November 19, 21, 25, 26, 27 and 29, 2019.

REFERENCE:	QUESTION/INQUIRY AS SUBMITTED:	GWA RESPONSE:
<b>Questions from November 19, 2019</b>		
Q# 1	Do you guys want specifically Danfoss drives or should there be multiple manufacturers as a comparison?	<b>Yes. As stated on page 4, Standardization Program Justifying Brand Specification for Danfoss VLT Aqua Variable Frequency Drive System.</b>
Q#2	The bid speaks about a different eMail address for question, <a href="mailto:psbids@guamwaterworks.org">psbids@guamwaterworks.org</a> , is this eMail more appropriate for technical questions?	<b>Under section II. GENERAL TERMS AND CONDITIONS, entitled, C. QUESTIONS, has been amended to now read as follows; <u>All</u> questions regarding the bid may be submitted in writing and be delivered personally, via US mail, via express delivery, via fax or be sent via email and directed to the following:</b>  <b>GWA Procurement Office Guam Waterworks Authority Gloria B. Nelson Public</b>

			<b>Service Building</b> <b>688 Route 15</b> <b>Mangilao, GU 96913</b> <b>E-mail:</b> <a href="mailto:psbids@guamwaterworks.org">psbids@guamwaterworks.org</a> <b>Fax. No.: (671) 649-3750</b>
	Q#3	I.e. the general requirements talk about 9 bid items, but the bid schedule only about 7.	<b>Under section I. BID SCHEDULE, entitled A. GENERAL REQUIREMENTS: Line 4, Variable Frequency Drive (VFD) to be installed at the following locations: has been amended to now read as follows:</b>  <b>a. Bid item 1 (110KW/150HP)-Fujita Sewer Pump Station</b>  <b>b. Bid Item 2 (160KW/250HP)-Southern Link Sewer Pump Station</b>  <b>c. Bid Item 3 (110KW/150HP)-Pago Bay Water Booster Station</b>  <b>d. Bid item 4 (132KW/200HP)-Windward Hill Water Booster Station</b>  <b>e. Bid item 5 (160KW/250HP)-Ugum Water Treatment Plant</b>  <b>f. Bid item 6 (75KW/100HP)-Deep Well F-15</b>  <b>g. Bid item 7 (90KW/125HP)-Deep Well M-17A</b>
	Q#4	How old are the motors?	Some motors are old as 1991, 2010, 2016, 2018 and 2019.

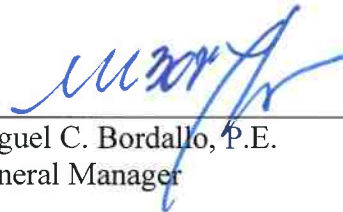
Q#5	Do you need a motor components to either reduce the voltage spikes to the motor isolation or the harmonics exposed through the windings, which head the motor up, like a motor reactor / choke or even a dV/dt filter or worse a sine wave filter? Either option will reduce the applied motor cable length.	<b>No, additional components are not needed at this time.</b>
Q#6	How strong is the grid, is a harmonic filter needed?	<b>Grid is stable, harmonic filter is not needed at this time.</b>
Q#7	Are some of the pumps critical and need a backup system, like a soft starter, to reduce the downtime?	<b>The following bid items for each respective site are critical to GWA's daily Operations. Backup systems will not be needed when VFD installation are completed.</b>
<b>Questions from November 21, 2019</b>		
Q#8	Request for delivery extension due to the production time, transit time and schedule of installation.	<b>Under section IV. SPECIAL PROVISIONS, entitled Delivery Instructions: has been amended to now read as ninety (90) days from the date on the Notice to Proceed.</b>
Q#9	Request for site visit to verify the correct part number, and to verify our scope of works.	<b>Please refer to Bid Amendment No. 1</b>  <b>Potential bidders are hereby advised a site visit has been scheduled for <u>December 10 and 11, 2019, at 9:00 am.</u> Bidders must meet at Upper Tumon Guam Waterworks Authority 578 N. Marine Corp Drive Tamuning, Guam 96913 (Meter Testing Facility 1<sup>st</sup> Floor Instrument Tech Dept).</b>

	Q#10	Request for Bid Extension of 2 weeks due to the time needed to communicate, review/clarify the specifications and obtain pricing from vendor.	<b>Please refer to Bid Amendment No. 1</b>
	Q#11	We would like to clarify regarding on START UP AND TESTING B.2 at page 7, is it per Pump station or for the whole project?	<b>Per pump station, per installation.</b>
<b>Note: The following questions submitted on November 25, 26, 27 and 29, 2019, the responses will be forthcoming.</b>			

Bidders are also notified to visit GWA website: [www.guamwaterworks.org](http://www.guamwaterworks.org) to ensure that addenda to the bid, answers to questions, and reminders are communicated to all bidders throughout the solicitation process.

12.6.19

Date



Miguel C. Bordallo, P.E.  
General Manager