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Response for Inquiries No. 2
IFB No. 2026-15
Deep Well Chlorine Exhaust Fans and Installation
October 9, 2026

Please acknowledge receipt below, of this RFI Response, one (1) pages, and return to psbids@guamwaterworks.org.

Name of Prospective Bidder:	
Authorized Signature:	
Print Name:	
Date:	

This document and attachments address inquiries regarding IFB 2026-15. It provides clarifications and additional information for informational purposes. In the event that any responses result in modifications to the bid documents, they should be considered as amendments to the original IFB 2026-15. Bidders are advised to include this acknowledgement of receipt as part of their bid submission.

NOTICE TO PROSPECTIVE BIDDERS:

A. Please see Attachment 1 – Exhaust Fan Schedule (1 page)

Note: Wells are grouped by the closest measurement and values

Bidders are also notified to visit the GWA website: www.guamwaterworks.org to ensure that any addenda to the bid, responses to questions/inquiries, and changes are communicated to all bidders during the solicitation process.


 Thomas F. A. Cruz, P.E.
 Acting General Manager


Exhaust Fan Schedule																					
No.	Group of Wells	Chlorine Room						ACH Occupied	ACH Emergency	Ventilation Rate	De = 1.30 * (a x b) ^{0.625} / (a + b) ^{0.25}	Flow Rate (CFM)			Velocity (FPM)	Unit SP (in. WG/100LF)	Actual SP (in. WG) ¹	Specify: Est'd SP (in Wg)	Fan		Recommended Fan Model & Brand
		Ducting - W(In)	Ducting - H(In)	Ducting - L(ft)	Ducting Sq. Ft.	Room Area in Sq. Ft.	Room Volume in Ft ³					Occupied	Emergency	Ventilation					Occupied	Emergency	
1	A-05, A-17, A-30, D-19, D-20, D-21, F-12, M-15, M-17B, Y-07	8	8	4.92	0.44	32.00	245.30	60	30	1	8.75"	245	127	32	557	0.071	0.058	0.125	250	0.125(InWG)	Centrifugal Upblast Exhaust Fan, Product # CUE-080-1VG119XQD, 133-534 CFM, 115V/1Ph, 60 Hz, 1/10 HP Direct Drive.
2	A-13, A-31, A-32, AG-01, AG-02, F-11, HGC-2,	12	6	5.83	0.5	40.50	283.50	60	30	1	9.14	284	142	41	568	0.075	0.063	0.125	300	0.125 (In WG)	Centrifugal Upblast Exhaust Fan, Product # CUE-080-1VG119XQD, 133-534 CFM, 115V/1Ph, 60 Hz, 1/10 HP Direct Drive.
3	A-04, A-09, A-12, A-19, D-01, D-02,D-16,D-17, D-18, EX-11, F-01, F-05, F-09, G-501, H-01, M-01, M-06, M-09, Y-01, Y-03, Y-05, Y-06, Y-09	12	6	5.8	0.5	42.58	315.83	60	30	1	9.14"	316	158	43	632	0.919	0.776	0.8	320	0.80 (InWG)	Centrifugal Upblast Exhaust Fan, Product # CUE-095-6VG119XQD, 199-1167 CFM, 115v / 1 Ph, 60 Hz, 1/6 HP Direct Drive Motor.
4	A-02, A-03, A-06,A-15, D-22,D-24,F-10,F-13,F-15,F-16,F-17,F-18,M-03,M-05, M-20A,Y-12,Y-15	12	6	8.5	0.50	40	386.67	60	30	1	9.14"	387	193.34	40	774	0.095	0.087	0.125	400	0.125 (InWG)	Centrifugal Upblast Exhaust Fan, Product # CUE-080-1VG119XQD, 133-534 CFM, 115V/1Ph, 60 Hz, 1/10 HP Direct Drive.
5	A-01, D-22, D-24, F-13, F-15, F-16, F-17, F18, M-18, M-20A, M-21, Y-10, Y-12, Y-14,Y-15	12	6	8.83	0.50	43.84	409.18	60	30	1	9.14"	409	205	44	818	0.15	0.138	0.15	425	0.175 (InWG)	Centrifugal Upblast Exhaust Fan, Product # CUE-080-1VG119XQD, 133-534 CFM, 115V/1Ph, 60 Hz, 1/10 HP Direct Drive.
6	A-08, A-10, A-18, D-04, D-05, D-06,D-07,D-08, D-09, D-10,D-11,D-12, D15, EX-5, F-03, F-04, F-07, M-12, M-18, M-21, Y-10, Y-14.	12	6	8.92	0.50	40	466.67	60	30	1	9.14"	467	233	40	934	0.193	0.178	0.2	475	0.20 (In. WG)	Centrifugal Upblast Exhaust Fan, Product # CUE-090-DGE119XQD, 306-811 CFM, 115v/1Ph, 60 Hz, 1/15 HP Direct Drive Motor.
7	A-21, A-29, D-14, D-25, D-26, D-27, D-28, F-06, F-08, F-19, F-20, M-02, M-07, M-08, M-23, NAS-1, Y-02, Y-16, Y-16, Y-17, Y-18, Y-19, Y-20, Y-22, Y-23.	16	8	8.92	0.89	55.76	511.17	60	30	1	12.19"	511	256	56	575	0.054	0.05	0.125	520	0.125 (InWG)	Centrifugal Upblast Exhaust Fan, Product # CUE-090-DGE119XQD, 306-811 CFM, 115v/1Ph, 60 Hz, 1/15 HP Direct Drive Motor.
8	A-14	12	6	9	0.50	48.9	570.3	60	30	1	9.14"	570	285.3	49	1140	0.282	0.261	0.3	580	0.3 (InWG)	Centrifugal Upblast Exhaust Fan, Product # CUE-090-DGE119XQD, 306-811 CFM, 115v/1Ph, 60 Hz, 1/15 HP Direct Drive Motor.

(1): Assumes 2.5x duct length in schedule plus equivalent length of 50LF for elbow and 20LF for grill

Unit SP (InWG/100LF):
Convert Rectangular ducting shape to round friction equivalent: De = 1.30 x(a x b)^{0.625} / (a + b)^{0.25} Where: a = 12" b = 6"
Static Pressure (Friction Rate) : f = 0.109136 x CFM^{1.9} / De^{5.02} Actual
SP = f x [(L x 2.5) + 50 + 20] / 100

Velocity (FPM) = CFM / Area (Ft²)
FPM = Air velocity in feet per minute
CFM = Volumetric air flow rate in cubic feet per minute
Area = Cross-sectional area of the opening or duct in square feet (Ft²)
A = Width X Height /144