



Republic of the Philippines
Department of Environment and Natural Resources

Visayas Avenue, Diliman, Quezon City 1116
Tel Nos. 9296626 to 29 ; 9296633 to 35
Website <http://www.denr.gov.ph/> Emailweb@denrgov.ph

MEMORANDUM

TO : **REGIONAL EXECUTIVE DIRECTORS**
1, 4B, 5, 6, 7, 8, and 9

FROM : **THE UNDERSECRETARY**
Field Operations Luzon, Visayas and Environment
Field Operations Mindanao

SUBJECT : **PROPOSAL OF SM FOUNDATION INC., FOR SOLAR
DESALINATION PROJECT**

DATE : **JUN 08 2023**

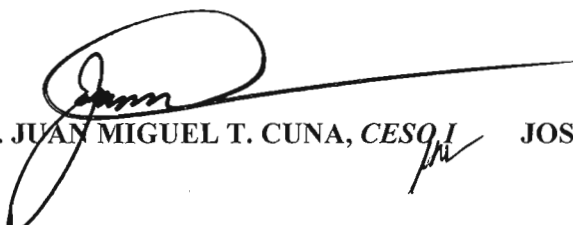
With reference to the email dated 06 June 2023 from Undersecretary Carlos Primo David regarding the abovementioned subject. The SM Foundation Solar Desalination Project focuses on communities located in islands that are not more than 120 hectares, have a significant portion of built-up land relative to the island's total area, and have no local groundwater source.

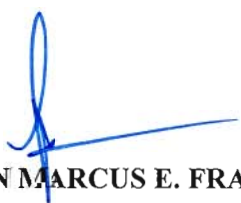
Given these conditions, SMFI has nominated 63 barangays situated in 70 islands, mostly in Visayas, as target beneficiaries of the initiative. These target sites are located in fourteen (14) provinces in nine (9) regions across the country. Attached is a complete list of the proposed target beneficiaries that can be viewed through this interactive map: bit.ly/ProposedTargetBrgvs.

Relative thereto, your respective Offices are directed to check the barangays listed and determine the following:

1. Sources of freshwater some may have been provided with desalination plants by Coca Cola Foundation.
2. The price of water (per liter/gallon) they purchase from the maintained to determine the economic feasibility of a desalination plant.
3. Willingness of residents to have a desalination plant.

For compliance.


ATTY. JUAN MIGUEL T. CUNA, *CESO I*


JOSELIN MARCUS E. FRAGADA, *CESO III*



Maria Cristina Francisco <macgaf2017@gmail.com>

Fw: Proposal Letter to SMFI for Solar Desalination Project

1 message

Email Service <tina_a_francisco@yahoo.com>
Reply-To: Email Service <tina_a_francisco@yahoo.com>
To: Cristina Francisco <macgaf2017@gmail.com>

Wed, Jun 7, 2023 at 9:11 AM

----- Forwarded Message -----

From: Juan Miguel Cuna <usecmitchcuna@denr.gov.ph>
To: Asec. Gilbert Gonzales <gilbert_gonzales@emb.gov.ph>; Rommel Baybayon <rombay71@hotmail.com>; Ricky Arzadon <nodazraricky3@gmail.com>; Tina Francisco <tina_a_francisco@yahoo.com>
Sent: Wednesday, June 7, 2023 at 07:51:59 AM GMT+8
Subject: Fwd: Proposal Letter to SMFI for Solar Desalination Project

Please prepare a memo to the regions for this joint with Usec Marc I suppose. Asap ito Rick/ Mel thanks

Sent from my iPhone

Begin forwarded message:

From: CP David <cpdavid@denr.gov.ph>
Date: June 6, 2023 at 11:32:10 AM GMT+8
To: Antonia Yulo Loyzaga <aloyzaga@denr.gov.ph>, Joaquin Yulo Loyzaga <jloyzaga@denr.gov.ph>, Joselin Marcus Fragada <jefragada@denr.gov.ph>, Juan Miguel Cuna <juanmiguel.cuna@denr.gov.ph>
Subject: Fwd: Proposal Letter to SMFI for Solar Desalination Project

Hi Sec, HEA and Usecs,

Attached is the list of island barangays that require a water source through a portable solar desalination plant that can produce ~40 cubic meters of water day. I spoke to Ms Liza Silerio yesterday and she said SM Foundation is just awaiting from us a final list of barangays requiring a desal plant. Our first step is for us to ask our Regional Offices/PENROs to check the barangays listed here and determine:

1. Source of freshwater (some may have been provided a desal plant by Coke Foundation)
2. Price of water (per liter/gallon) they purchase from the mainland (to determine the economic feasibility of a desal plant)
3. Willingness of residents to have a desal plant

Usecs Marc and Mitch, kindly relay this to ROs and PENROs concerned to gather the information above. Thanks.

CP

 Water_Proposal Letter_SMFI

 IslandBarangays.pdf
302K

List of Proposed Target Island Barangays for Solar Desalination Project

Region (8)	Province (14)	Municipality (32)	Barangay (63)	2020 Population ¹
Region I (Ilocos Region)	Pangasinan	Bolinao	Binabalian	3,988
Region IV-B (MIMAROPA)	Palawan	Agutaya	Algeciras	4,955
		Balabac	Mangsee	8,822
		Roxas	Barangay VI Pob. (Johnson Island)	603
Region V (Bicol Region)	Masbate	Cawayan	Gilotongan	4,337
			Peña Island	2,728
		Placer	Naboctot	1,358
			Nagarao	833
Region VI (Western Visayas)	Antique	Caluya	Harigue	3,022
	Iloilo	Ajuy	Pantalan Nabaye	944
	Negros Occidental	Sagay City	Molocaboc	4,355
Region VII (Central Visayas)	Bohol	Buenavista	Eastern Cabul-an	2,191
			Western Cabul-an	1,882
		Calape	Mantatao	972
		Inabanga	Cuaming	3,263
			Hambongan	685
		Getafe	Nasingin	2,115
			Pandanon	2,362
		Panglao	Poblacion	6,054
		Pres. Carlos P. Garcia (Pitogo)	Gaus	1,107
			Butan	546
		Talibon	Calituban	3,738
			Cataban	1,427
			Guindacpan	2,215
			Nocnocan	1,785
		Tubigon	Bagongbanwa	1,172
			Batasan (Batasan Island)	871
			Mocaboc Island	670
			Pangapasan (Pangapasan Island)	567
			Ubay Island	223
		Bien Unido	Bilangbilangan Dako	1,854
			Bilangbilangan Diot	735
			Hingotanan East	1,987
			Hingotanan West	1,667
			Malingin	1,567
			Maomawan	1,521
			Sagasa	1,468
	Cebu	Bantayan	Hilotongan	2,535
			Lipayran	3,835
			Sulangan	6,022
		Cordova	Gilutongan	1,606
		Lapu-Lapu City (Opon)	Cawhagan	694
Caubian	2,429			
Region VIII (Eastern Visayas)	Eastern Samar	Guiuan	Victory Island	598
	Leyte	Bato	Dawahon	3,230
Region IX (Zamboanga Peninsula)	Zamboanga Del Sur	Zamboanga City	Tigtabon	5,365
Bangsamoro Autonomous Region in Muslim Mindanao (BARMM)	Basilan	Maluso	Guanan North (Zone I)	1,022
			Guanan South (Zone II)	1,347
		Ungkaya Pukan	Matata	1,596
		Hadji Muhtamad	Panducan	1,654
	Sulu	Kalingalan Caluang	Kambing	3,430
		Hadji Panglima Tahil (Marunggas)	Kabuukan	2,492
			Pag-asinan	1,608
		Siasi	East Sisangat	1,306
			Luuk Laminusa	1,442
			Sisangat	1,035
			Tampakan Laminusa	2,862
			Tengah Laminusa	1,590
			Puukan Laminusa	2,328
	Pandami	North Manubul	4,487	
	Tawi-Tawi	Sitangkai	Datu Baguinda Putih	3,104
			Imam Sapie	4,580
			Panglima Alari	8,417
Total				101,538

¹ Philippine Statistics Authority (2021). 2020 Census of Population and Housing (2020 CPH) Population Counts Declared Official by the President . <https://psa.gov.ph/content/2020-census-population-and-housing-2020-cph-population-counts-declared-official-president>

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