



**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.

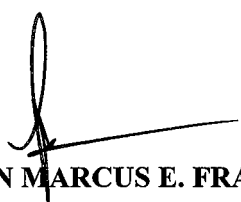
Given these conditions, SMFI has nominated 63 barangays situated in 70 islands, mostly in Visayas, as target beneficiaries of the initiative. These target sites are located in fourteen (14) provinces in nine (9) regions across the country. Attached is a complete list of the proposed target beneficiaries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

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 &lt;macgaf2017@gmail.com&gt;

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**Fw: Proposal Letter to SMFI for Solar Desalination Project**

1 message

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**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 wih 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**

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 **IslandBarangays.pdf**  
302K

**List of Proposed Target Island Barangays for Solar Desalination Project**

Region (8)	Province (14)	Municipality (32)	Barangay (63)	2020 Population <sup>1</sup>	
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	
		Cawayan	Gilotongan	4,337	
Region V (Bicol Region)	Masbate	Placer	Peña Island	2,728	
			Naboctot	1,358	
		Cawayan	Nagarao	833	
			Harigue	3,022	
Region VI (Western Visayas)	Antique	Caluya			
	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	
			Mantatao	972	
		Calape	Cuaming	3,263	
			Hambongan	685	
		Inabanga	Nasingin	2,115	
			Pandanon	2,362	
		Getafe	Poblacion	6,054	
			Gaus	1,107	
		Panglao	Butan	546	
			Calituban	3,738	
		Pres. Carlos P. Garcia (Pitogo)	Talibon	Cataban	1,427
				Guindacpan	2,215
				Nocnocan	1,785
				Bagongbanwa	1,172
		Tubigon	Tubigon	Batasan (Batasan Island)	871
				Mocaboc Island	670
				Pangapasan (Pangapasan Island)	567
				Ubay Island	223
				Bilangbilangan Dako	1,854
		Bien Unido	Bien Unido	Bilangbilangan Diot	735
				Hingotanan East	1,987
				Hingotanan West	1,667
				Malingin	1,567
				Maomawan	1,521
				Sagasa	1,468
				Hilotongan	2,535
		Bantayan	Bantayan	Lipayran	3,835
				Sulangan	6,022
				Gilutongan	1,606
Cordova	Cordova	Cawhagan	694		
		Caubian	2,429		
Lapu-Lapu City (Opon)	Lapu-Lapu City (Opon)				
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
		Siasi	Pag-asinan	1,608	
			East Sisangat	1,306	
			Luuk Laminusa	1,442	
			Sisangat	1,035	
			Tampakan Laminusa	2,862	
			Tengah Laminusa	1,590	
	Puukan Laminusa	2,328			
	Pandami	Pandami	North Manubul	4,487	
	Tawi-Tawi	Sitangkai	Datu Baguinda Putih	3,104	
			Imam Sapie	4,580	
			Panglima Alari	8,417	
<b>Total</b>				<b>101,538</b>	

<sup>1</sup> 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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