



Home Construction Projects, Puerto Rico

Reporting period: March 1, 2019 – June 30, 2019

Prepared by: Marisol Espinosa and Noam Zohar

Organization: Real Medicine Foundation Puerto Rico (www.realmedicinefoundation.org)

Project title: Home Construction Projects

Project location: Municipalities of Ciales, Morovis, Corozal, and Comerío



March–June 2019

Real Medicine Foundation
11700 National Blvd., Suite 234
Los Angeles, CA 90064
+1.310.820.4502

Background

On September 20, 2017, Category 4 Hurricane Maria hit the US territory of Puerto Rico. The winds, 155 miles per hour at landfall, completely wiped out the island's power grid and phone towers. A flash flood emergency was declared in central Puerto Rico, and the island experienced record flooding. Prior to the hurricane, Puerto Rico's infrastructure was weak, and the storm left the small island in poor condition. Across the island, cities reported collapsed bridges and severe damage to roadways, and many homes, businesses, and public buildings were also damaged or destroyed. Nearly 2 years later, many homes still bear the damage inflicted by Hurricane Maria, and ill, elderly, and disabled homeowners often lack the resources to have their homes repaired. Furthermore, the repair and reinforcement of homes is crucial in preparation for future hurricane seasons, which will only further devastate Puerto Rico's residents if not adequately addressed. The Puerto Rican government has enacted a \$20 billion rebuilding plan, but progress is slow, and FEMA currently faces the challenge of rebuilding over 75,000 more homes.

Although RMF has been responding to Puerto Rico's need for health and hygiene supplies since our initial involvement in 2017, in 2019 we elected to broaden the scope of our aid in order to address the shelter and infrastructure needs of the population. Thus, RMF initiated a series of construction projects benefiting vulnerable homeowners in the central mountainous region of Puerto Rico, which remains seriously impacted by Hurricane Maria. The projects include the rebuilding of roofs, installation of water tanks/jet pumps, the reconstruction of entire homes, and other repairs which are undertaken on a case-by-case basis. RMF works closely with the municipality, as well as partner organizations Endeavors, SVDP (San Vincent De Paul), Heart 9/11, and Edifiquemos Program to identify homeowners in need, conduct home inspections, and organize materials and building teams. In addition to fully funding and managing some of these construction projects, RMF is also partnering with the FEMA Valor Project, under its Community Recovery Center (CRC) initiative on some building projects. RMF's role is to manage supplies and materials for the projects, including procurement, transport, and delivery, and coordinating closely with partner organizations SVDP and Endeavors as well as municipality employees.

Overview of Projects

In 2019, RMF began projects for several homes in the municipalities of Corozal, Morovis, Ciales, and Comerío. These municipalities are located in the mountainous central area of the island, where Hurricane Maria did some of its worst damage in 2017. The selected homeowners are primarily ill, elderly, and/or disabled.

RMF fully funded 5 projects between March and June 2019: two in Ciales, one in Morovis, one in Corozal, and one in Comerío. These included the rebuilding of roofs, the reconstruction of homes, and the installation of water tanks and/or pumps. RMF team members also managed the delivery and transport of materials for 27 projects in Ciales which were funded by the FEMA Valor Project.

Ciales

Located in the Cordillera Central Mountain Range, Ciales is a municipality with 18,782 residents as of 2010. Ciales was badly affected by the impact of Hurricane Maria, leaving dozens of homes in shambles and families devastated in the wake of the disaster. During this reporting period, the following construction projects were underway in Ciales:

Home of Luis Rivera Cruz

Luis Rivera Cruz's home was badly impacted by Hurricane Maria. Before the initiation of construction, his walls were in need of repair, and his home lacked doors and windows. This case was supervised by Emmanuel Barreto, Director of Community Relations, and worked on by Construction Team members Gilberto Muñiz Padilla, Raul Robles, Javier Ortiz, Manuel Oliveras, and Orlando Fernandez. The cost of the project was \$1,777.16, which was

funded fully by RMF. Construction began in the beginning of March 2019 and was completed in the second week of April.



Home of Luis Rivera Cruz before construction





RMF team member Marisol with Luis Rivera Cruz and his brother, both beneficiaries of the project



Mixing cement for the construction project



Repairing and reinforcing the walls of Luis Rivera Cruz's home



Preparing to install the windows of Luis Rivera Cruz's home



New doors, windows, and window treatments were installed



The new interior of Luis Rivera Cruz's home

Jet Pump Installation for Home of Alba A. Diaz and Velia E. Serrano

Alba A. Diaz, 83, and Velia E. Serrano, 52, are a mother and daughter who live together in Ciales. Both are bedridden. Alba suffers from Alzheimer's, asthma, and high blood pressure, and Velia suffers from cerebral palsy, high blood pressure, diabetes, and immobility from the waist down. Pastor Carlos Ramirez from Ciales referred this case to RMF. As a result of their damaged jet pump, the home did not have potable water available, and family members had to regularly collect water in a bucket and bring it upstairs for the two residents. The project consisted of installing a jet pump for the water tank and was supervised and installed by Pastor Carlos Ramirez.

RMF has fully funded this project and provided supplies, which were valued at a total of \$397.87. Materials were purchased at the beginning of May and on the day of installation, which took place in late May.



Velia Serrano



Alba Diaz



The old jet pump



The new jet pump



The water tank being installed

Invoice 1465931
 Store CAGUAS
 Date 04/30/19
 Page 1
 Cust. Num. 0
 Tel.

ATH
 HAJ PLUMBING
 PO BOX 781, HORMIGUEROS, PR 00640

INVOICE: 080301
 TRACE: 3805680
 21919, 4388

Salesperson: 21 - Xavier

Quantity	Price	Total
1	260.00	260.00
ZHP SWS50) DE SERVICIO. (15) WIMO EN EL CENTRO DE)RGOS POR REPARACION.)A PRESSURE SWITCH. VERIFIQUE QUE LA BOMBA TENGA AGUA. ANTES DE HACER LA CONNECION ELECTRICA. VERIFIQUE EL VOLTAGE YA QUE LA BOMBA TRABAJA EN 120V Y 220V. PARA ESCOGER EL VOLTAGE CORRECTO DESTAPE LA PARTE DE ATRAS DE LA BOMBA Y ESCOJA EL VOLTAGE CORRECTO. RELOJ 0-100 PSI IMP. #522014 3.90 3.90 TEE 1 PEGAR SCH40 401-010 0.54 0.54 RED BUSH 1 X 1/4 PEGXRH S40 0.52 0.52 438-126 RED BUSH 1 X 3/4 PEGXRH S40 0.52 0.52 438-131 2.68 2.68 NIPLE BRONCE 3/4 X 2		
Total at list price [272.03] Savings		3.87] 268.16
		Discount 0.00
		Shipping 0.00
		IVU Estatal 28.16
		Municipal 2.68
		Estatal 0.00
		Total 299.00
		ATH 299.00
		Balance Due 0.00

THERE WILL BE NO CASH RETURNS.
 NO CLAIMS ACCEPTED AFTER 5 DAYS.

GRACIAS POR SU PATROCINIO

Oficina Central (787) 849-1520 - Aguadilla 819-0404 - Arecibo 815-5403
 Caguas 653-0249 - Carolina 644-0555 - Hato Rey 523-6160
 Hormigueros 849-1025 - Ponce 844-1255 - Santa Isabel 971-0202

hajplumbingpr.com

A receipt from the materials for the project

L VILLALOBOS
Materia en General

Carretera 146 Km. 21.1
Ciales, P.R. 00638
L. 787-871-5923

OATH
TODOS LOS DIAS

COMERCIAL VILLALOBOS
CARR 146 KM 21.1 BO CONDOLLERS
CIALES

DATE: May 23 2019 TIME: 10:38:23 HOST: 454910613559
BATCH: 000354 TERMINAL ID: 30029509 MERCHANT ID: 454910613559

SALE

ACCT. *****1809
DEBIT

AUTH. CODE: 380280 INVOICE: 013230
TRACE: 013344

LO	PRECIO	TOTAL
		64.95
2) 3/4	.35	1.40
1/4		1.20
		.40
		1.25
		.75
		.99
		.59
		.69
		.49
		.89
		.98
	TAX EST.	3.95
	TAX MUNI.	78.53
	TOTAL	9.03

CONTROL: 3JSCS-68TMM
ET

NO SIGNATURE REQUIRED

CUSTOMER COPY
Gracias por su patrocinio

1 Codo 3/4 PVC
1 Rod 1-3/4
2 Conectores 1/2
1 Roga H.

RECIBI CONFORME: \$88.06

NOTAS: Mercancia correctamente despachada no se acepta devolución mediante la aceptación de la mercancía en cada una de las facturas. El deudor voluntariamente y expresamente se somete a la jurisdicción de los tribunales de la ciudad de Ciales, P.R. en caso de reclamación judicial y a pagar los gastos de abogado que dicha reclamación ocasione, una vez se verifique la factura. Si por alguna razón no llega a los tribunales, expresamente se somete a la jurisdicción de los tribunales de la ciudad de Ciales, P.R. de abogado. Nuestras cuentas caducan cada 30 días.

L VILLALOBOS
Materia en General

Carretera 146 Km. 21.1
Ciales, P.R. 00638
L. 787-871-5923

OATH
TODOS LOS DIAS

COMERCIAL VILLALOBOS
CARR 146 KM 21.1 BO CONDOLLERS
CIALES

DATE: May 23 2019 TIME: 14:00:30 HOST: 454910613559
BATCH: 000354 TERMINAL ID: 30029509 MERCHANT ID: 454910613559

SALE

ACCT. *****1809
DEBIT

AUTH. CODE: 129939 INVOICE: 013241
TRACE: 013355

PRECIO	TOTAL	
	2.95	
3/4	.90	
3/4	4.95	
	8.80	
	1.01	
	9.81	
	TAX EST.	
	TAX MUNI.	
	TOTAL	

CONTROL: 40GVD-NIFES
ET

NO SIGNATURE REQUIRED

CUSTOMER COPY
Gracias por su patrocinio

RECIBI CONFORME:

NOTAS: Mercancia correctamente despachada no se acepta devolución mediante la aceptación de la mercancía en cada una de las facturas. El deudor voluntariamente y expresamente se somete a la jurisdicción de los tribunales de la ciudad de Ciales, P.R. en caso de reclamación judicial y a pagar los gastos de abogado que dicha reclamación ocasione, una vez se verifique la factura. Si por alguna razón no llega a los tribunales, expresamente se somete a la jurisdicción de los tribunales de la ciudad de Ciales, P.R. de abogado. Nuestras cuentas caducan cada 30 días.

Receipts from the materials for the project

FEMA Valor Project Cases

Between March and June of 2019, RMF Puerto Rico worked in close coordination the nonprofit organizations SVDP (San Vincent De Paul) and Endeavors as well as Ciales municipality representatives in order to procure, transport, and manage materials for construction projects funded by the FEMA Valor Project. Once RMF received the list of the construction materials for each case from FEMA, we coordinated with the municipality's employees to look for the materials at the warehouses, then revised the type and quantity of materials for each case as needed, transported them, and delivered them.

RMF Puerto Rico team members helped to manage and transport materials for 27 projects in Ciales. The materials included wood, doors with frames and locks, roof primer and coating, Miami style aluminum windows, and cement.



Materials for the RMF/FEMA partner projects



Preparing and managing materials for the RMF/FEMA partner projects

Morovis

Home of Roberto Chévez Salgado

Roberto Chévez Salgado is an 80-year-old Morovis resident suffering from diabetes and hypertension. The corrugated zinc from his ceiling had molded, was bent, and had leaks, and his floor was hollow and had gaps. Thus, RMF has elected to fully fund the reconstruction of his home. The total cost of the project was \$4,927.97. This case was supervised by HEART 9/11 Project Manager Guiso Vazquez and worked on by HEART 9/11 Construction Team members Hector Rodriguez, Albert Colon, Jonathan Colon, Jose Torres, and volunteers. Construction started in the beginning of April and was completed in mid-May 2019.



Roberto Chévez Salgado's home before construction



Roberto Chévez Salgado



Roberto Chévez Salgado with RMF Puerto Rico team member Marisol



Construction of the floor



Construction of the roof



A ceiling fan was donated by one of the HEART 9/11's team members, and wooden shelves were also built

Roberto Chévez Salgado's finished home

OATH
 FECHA DEL CUESTIONARIO: 28/12/2019
 LUGAR: 150 W. 22 W. 90 GARD
 INCLUIDO: []
 DATE: [] TIME: []
 BUILDING: [] PERMITS: []
 WORKS: []
 SCALE: []
 CONTROL: []

HC-02 Box 7301
 Crocovie, P.R. 00720
 CASH CREDITO
 Fecha: 28/12/2019
 Fundacion
 Hesperia
 TEL: []

	COSTO UNID.	TOTAL
1	\$16.80	\$6,672.00
	\$22.40	\$2,240.00
	\$7.00	\$3,500.00
	\$16.00	\$3,200.00
	\$24.00	\$2,880.00
	\$37.00	\$4,440.00
	\$42.00	\$3,810.00
	\$21.60	\$2,592.00
	\$28.80	\$2,304.00
	\$16.50	\$2,231.00
	\$1.50	\$21.00
	\$1.00	\$50.00
	\$4.00	\$200.00
	\$1.25	\$12.50
	\$2.10	\$84.00
	\$2.50	\$25.00
TOTAL		\$4,927.97
SUBTOTAL		\$4,449.70
IVU		508.27
TOTAL		\$4,927.97

RECIBIDO POR: [] No. []

The receipt for this project's building materials

Corozal

Home of Rafael Nevarez Alicea

Rafael Nevarez Alicea is an ill and elderly 77-year-old man who lives in poverty in Corozal. He is currently living outdoors under a makeshift roof, surrounded by pieces of rubble. Thus, RMF will be fully funding the construction of his home. The estimated total cost of the project is \$4,216.38. This case will be supervised by Edifiquemos Program Project Manager Rafael Rivera and worked on by Edifiquemos Construction Team members Eng. Jose Molina, Gabriel Garcia and Luis Santos. Construction for this project is still pending and is scheduled to begin on July 11, 2019. However, plans for the project and the purchasing of materials have been underway during this reporting period.



Rafael Nevarez Alicea's home prior to construction



Project materials being received

OATH
FERRERIA DEL CENTRO
CARR 155 KM 33.0 BO GATO
OROCOVIL, P.R. 00720
CASH CREDITO

HC-02 Box 7301
Orocovil, P.R. 00720
Fecha: 2/14/19

DATE: 02/14/19 TIME: 12:37 PM
BATCH: 004377 PERCENT ID: 0000000000000000
SALES: 3.1

DESCRIPCION	COSTO UNID.	TOTAL
4x4x8	\$17.00	\$68.00
penales 5/8 R	\$4.00	\$32.00
penales 1/2 T	\$11.95	\$47.80
2x6x12	\$13.95	\$55.80
	\$39.00	\$155.40
	\$7.95	\$31.80
	\$2.95	\$11.80
	\$7.95	\$31.80
	\$17.25	\$68.40
	\$4.25	\$17.00
SUBTOTAL		\$155.40
IVU		\$10.31
TOTAL		\$165.71

RECIBIDO POR: No.

OATH
FERRERIA DEL CENTRO
CARR 155 KM 33.0 BO GATO
OROCOVIL, P.R. 00720
CASH CREDITO

HC-02 Box 7301
Orocovil, P.R. 00720
Fecha: 2/14/19

DATE: 02/14/19 TIME: 1:28 PM
BATCH: 004375 PERCENT ID: 0000000000000000
SALES: 2.1

DESCRIPCION	COSTO UNID.	TOTAL
5.00	10.00	
1.25	3.75	
1.25	3.75	
		\$3.75
		\$6.25
		\$20.00
		\$2.10
		\$0.20
		\$22.30
		\$22.30
		\$0.00
SUBTOTAL		20.00
IVU		2.30
TOTAL		22.30

RECIBIDO POR: No.

Techos del Centro
Los Enamigos de las Filtraciones
Morovis, Puerto Rico 00687
Tel. 787-892-4646 / Del. 787-922-5415

54389
Fecha: 19/09/19

Sr: Real Medicina Podiatrica
Direccion:

CANT	DESCRIPCION	PIES	PRECIO	TOTAL
2	Pallas cortas			90.00
1	Pallas largas			35.00
				125.00
				14.30
				139.30

1. Toda mercancia ordenada y despachada correctamente NO tiene devolucion.
2. Toda devolucion debe presentar factura y tendrá un cargo de 15% por manejo.
3. Se entregará en el lugar hasta donde razonablemente llegue el camión.
4. No se llevará mercancías a segundos niveles u otros.

Recibido Conforme
Servicio y puntualidad nos distingue.
Antes de invertir consultenos, estamos a sus ordenes

Receipts for this project's building materials

FERRERIA DEL CENTRO
OROCOVIL, P.R. 00720
CASH CREDITO

HC-02 Box 7301
Orocovil, P.R. 00720
Fecha: 2/15/2019

CLIENTE: Real Medicina
DIRECCION: Entrega en Corozal

DESCRIPCION	COSTO UNID.	TOTAL
4x4x8	\$17.00	\$68.00
penales 5/8 R	\$4.00	\$32.00
penales 1/2 T	\$13.95	\$55.80
2x6x12	\$17.25	\$68.40
		\$173.00
		\$12.30
SUBTOTAL		\$185.30
IVU		\$6.42
TOTAL		\$191.72

RECIBIDO POR: No.

FERRERIA DEL CENTRO
OROCOVIL, P.R. 00720
CASH CREDITO

HC-02 Box 7301
Orocovil, P.R. 00720
Fecha: 2/15/2019

CLIENTE: Real Medicina
DIRECCION:

CANTIDAD	DESCRIPCION	COSTO UNID.	TOTAL
4	4x4x8		\$68.00
10	1x4x14		\$75.00
			\$143.00
			\$14.30
SUBTOTAL			\$157.30
IVU			\$6.42
TOTAL			\$163.72

RECIBIDO POR: No.

Comerío

Water Tank Installation for Home of Luz E. Falcon

Luz E. Falcon is a 59-year-old disabled woman. This project is to install a water tank in her home, and it will be supervised by Pastor Jorge Santiago of One Church and worked on by construction team members from the

Mayor's office. RMF funded this water tank installation project, and the total cost was \$693.38. Materials were purchased in March, and the project was completed in at the end of April 2019.



RMF Puerto Rico team member Marisol with Luz



Delivery of the new water tank



The jet pump for the water tank



The water tank being moved and assembled by a construction team member



The new water tank fully installed

GATH **J**

UNO SACRIFICIO POR EL BIEN DE LOS DUEÑOS Y USUARIOS
 PARA EL BIEN DE LOS DUEÑOS Y USUARIOS

PO BOX 781, HORMIGUEROS, PR 00640

Invoice 1450647
 Store CAGUAS
 Date 03/21/19
 Page 1
 Cust. Num. 0

MEDICINE FOUNDATION
 Tel.

PROG. HEADSTART CENTRO MAR

ORIGINAL

NO SIGNA EL RECEIBO

NO SIGNA EL RECEIBO	SOL ESPINOZA	Person:	21 - Xavier
	Quantity	Price	Total
LES 330 GLS	1	230.00	230.00
/2HP SWSSU	1	200.00	200.00
POR DEFECTOS DE O DE SERVICIO. (15 AXIMO EN EL CENTRO DE			
TANQUE PRES USCRAFT ADX20 (20G) #SERIE	1	110.00	110.00

5 AÑOS DE GARANTIA CON RECIBO DE COMPRA POR DEFECTOS DE MANUFACTURA, GARANTIA NO APLICA SI EL LABEL O NUMERO DE SERIE ESTA UTILIZADO

(Continued on Next Page ...)

THERE WILL BE NO CASH RETURNS.
 NO CLAIMS ACCEPTED AFTER 5 DAYS.

GRACIAS POR SU PATROCINIO

Oficina Central (787) 849-1520 - Aguadilla 819-0404 - Arecibo 815-5403
 Caguas 653-0269 - Carolina 544-0555 - Halo Rey 523-6160
 Hormigueros 849-1025 - Ponce 844-1255 - Santa Isabel 971-0202

Customer Signature _____
 Customer Name _____

hajplumbingpr.com

A receipt for the materials for the project