

Maternal and Child Health Project – Phase 3

GG2351353 (Kenya)

Presentation for

Rotary Club of Mesa West

April 11, 2024

Mesa, AZ



OBJECTIVE

The primary objective of this proposed Global Grant (GG) is to

reduce maternal and child deaths

by equipping, training, and promoting efficient practices in county-owned public hospitals located in rural Kenyan communities.



Three Mother-Child GGs in rural Kenya

2017-2019 GG#1642555

Target: Publicly-owned hospitals located in Nyeri, Muranga, and Kiambu counties (all within a within a two hour drive from Nairobi). \$90,000 budget, 10 clubs, 5 districts (DDF), three countries involved.

2019-2023 GG#1869283 (Covid-impacted)

Target: Publicly-owned hospitals located in more remote Narok, Kisii, and Machakos counties & a second hospital in Nyeri county. \$86,000 budget, 8 clubs, 3 districts (DDF), 3 countries involved.

2023-2025 GG#2351353

Target: Four publicly-owned hospitals in 3 additional counties raising total impact to 11 hospitals in 9 of the 47 counties in Kenya.

RY21-22 Global Grants by Areas of Focus

Total Funding (Millions)

\$38.0M - Disease Prevention and Treatment

\$13.7M - Water, Sanitation and Hygiene

\$8.3M - Community Economic Development

\$6.2M - Basic Education and Literacy

\$5.4M - Maternal and Child Health

\$3.4M - Peacebuilding and Conflict Prevention

\$1.9M - Environment















Nyamache staff with newborn





Kiambu equipment delivery



Phase 2 Budget (Page 1 of 2)

Qty	Description	Source	Cost USD*
• 5	Mother & Child weighing scales	Local purchase	\$3,988
• 4	Maternity Delivery Packs	Mediquip Global	4,105
• 4	Resuscitaires	Mediquip Global	13,192
• 4	Phototherapy Units	Mediquip Global	2,135
• 14	Adjustable delivery beds/matt	Total Hospital Solutions	8,974
• 8	Kangaroo Mother care beds	Mediquip Global	2,393
• 5	Infant incubators	Mediquip Global	10,370
• 13	Vital signs monitor	Total Hospital Solutions	2,991
• 4	Foetal doppler (heart detector)	Total Hospital Solutions	479

Phase 2 Budget (page 2 of 2)

<u>Qty</u>	<u>Description</u>	<u>Source</u>	<u>Cost USD*</u>
• 8	Suction Machines	Total Hospital Solutions	1,595
• 4	Oxygen Concentrators	Local Purchase	1,994
• 12	Oxygen Splitters	Local Purchase	1,496
• 8	Wall Heaters	Local Purchase	997
• 20	Infra-red Thermometers	Local Purchase	449
• 4	Oxygen regulator w/humidifiers	Local Purchase	897
•	Training and facilitation	Univ of Nairobi Med School	19,942
•	Maternal wards upgrade	Local Purchase/award	4,986
•	Miscellaneous Costs	Local Purchase/award	<u>5,235</u>
			\$86,218

* converted from Kenyan Schillings (KES)

THIS PROJECT INCLUDES:

- **1. Partnerships with the University of Nairobi-Dept of OB/GYN, Kenya OB/GYN Society, Kenya Pediatric Assoc, and recipient county governments;**
- **2. Qualified input of medical professionals regarding needs assessments and competitive selection of equipment;**
- **3. Applicable staff training on the University of Nairobi medical campus conducted by qualified professionals;**
- **4. Direct involvement by Rotarians (host and international) with target selection, equipment delivery, and follow-up.**

- **Total Approximate Cost.....\$92,000 USD**





TRAINING

- Phase 1 - 15 medical staff
- Phase 2 - 21 medical staff
- Phase 3 - 25 medical staff (est.)

Includes travel, room & board for
3 full days of classes on UON campus

(Phase 2 held at Nairobi hotel due to Covid)



PRESIDENT ELECT 2021 – 2023 (FIGO)

KIHARA ANNE-BEATRICE

KENYA

THE INTERNATIONAL FEDERATION OF GYNECOLOGY AND OBSTETRICS



OLCHORRO HARD DATA

Comparing 9 quarters preceding a transitional quarter for new equipment delivery and staff training to 10 following quarters

AND NEONATAL MORTALITY CASES FOR THE PERIOD: JAN 2019 - JUNE 2023,

OLCHORRO HEALTHCENTRE
 P.O. Box 11
 NAROK - KENYA
 DATE: 30/9/2023.

YEAR	QUARTERS	No of Normal deliveries	No of FSB/MsB	No of LBW < 2500g	No of Low Apgar score	Preterm	Outcomes
2019	JAN - MARCH	52	0	2	2	0	
	APRIL - JUNE	56	0	0	1	0	
	JULY - SEPTEMBER	88	4 FSB 2 MsB	1	0	1 preterm 1 Neonatal death	OLCHORRO HEALTHCENTRE P.O. Box 11 NAROK - KENYA DATE:
	OCTOBER - DECEMBER	68	0	0	0	1-Maternal death	
2020	JAN - MARCH	64	1-FSB	1	0	0	
	APRIL - JUNE	61	3-FSB 1-MsB	0	0	0	
	JULY - SEPTEMBER	74	1-MsB	0	0	0	
	OCTOBER TO DECEMBER	90	1-FSB	0	0	0	

YEAR	QUARTERS	No of deliveries	No of FSB/MSB	No of LBW <2500g	No of Low Apgar Score	Preterm.	Outcome.
2021	JAN - FEB ^{MARCH}	97	1 FSB 1 MSB	0	0	0	
	APRIL - JUNE	85	3 MSB	0	0	0	
	JULY - SEPTEMBER	118	1-FSB	1	1	0 1-Neonatal death.	
	October October - December	73	1-FSB	0	0	0	
2022	JAN - MARCH	96	0	0	0	0	
	APRIL - JUNE	88	2-FSB	0	0	0	
	JULY - SEPTEMBER	91	1-FSB	0	0	0	
	October - December	120	1-MSB 2-FSB	3	0	0	
2023	Jan - FEB ^{MARCH}	93	2-FSB	0	0	0	
	APRIL - JUNE	102	3-FSB	0	0	0	

OLCHORRO HEALTHCENTRE
 P.O. Box 11
 NAROK - KENYA
 DATE: 28/9/2023

OLCHORRO RESULTS

- 50% increase in Normal deliveries (heightened awareness)
- 10% decrease in Low Birth Weight births
- 45% decrease in Low APGAR scores*
- 65% decrease in neonatal/maternal deaths

* APGAR score is a subjective judgement taken at one and five minutes after birth assessing neonate's: Appearance (skin color), Pulse (heart rate), Grimace response (reflexes), Activity (muscle tone), and Respiration (breathing rate and effort)

OLCHORRO ANTENATAL CLINIC USAGE

QUARTERLY ANTENATAL VISITS SUMMARY FOR THE PERIOD BEGINNING 2019 JANUARY TO SEPTEMBER 2023.

YEAR	QUARTERS	YEAR	QUARTERS	YEAR	QUARTERS	YEAR	QUARTERS	YEAR	QUARTERS
2019	JAN - MARCH	2020	JAN - MARCH	2021	JAN - MARCH	2022	JAN - MARCH	2023	JAN - MARCH
	New - 137 Revisits - 67 Total - 204.		New - 127 Revisits - 105 Total - 232.		New - 144 Revisits - 141 Total - 285.		New - 146 Revisits - 161 Total - 307.		New - 131 Revisits - 159 Total - 290.
	APRIL - JUNE		APRIL - JUNE		APRIL - JUNE		APRIL - JUNE		APRIL TO JUNE
	New - 122 Revisits - 97 Total - 219.		New - 138 Revisits - 120 Total - 258.		New - 158 Revisits - 176 Total - 334.		New - 144 Revisits - 154 Total - 298.		New - 163 Revisits - 154 Total - 317.
	JULY - SEPTEMBER		JULY - SEPTEMBER		JULY - SEPTEMBER		JULY - SEPTEMBER		JULY TO SEPTEMBER
	New - 131 Revisits - 105 Total - 236.		New - 134 Revisits - 168 Total - 302.		New - 159 Revisits - 146 Total - 305.		New - 139 Revisits - 146 Total - 285.		New - 162 Revisits - 237 Total - 399.
	OCTOBER TO DEC		OCTOBER TO DEC		OCTOBER TO DEC		OCTOBER TO DEC		
	New - 116 Revisits - 80 Total - 196.		New - 136 Revisits - 157 Total - 293.		New - 158 Revisits - 157 Total - 315.		New - 158 Revisits - 157 Total - 315.		

OLCHORRO ANTENATAL CLINIC

Guideline calls for a minimum of 8 visits starting when pregnancy is at 12 weeks continuing until delivery.

Pre and post GG quarterly comparison* of clinic visits:

	<u>2019</u>	<u>2023</u>	
Initial visits	130	152	+ 17%
Revisits	90	183	+ 104%

*Averages of first 3 quarters





WHAT IS A GLOBAL GRANT?

- ROTARY INTERNATIONAL + SERVICE ABOVE SELF = AN INT'L SERVICE
- PROJECT THAT IS FUNDED, IN PART, BY THE ROTARY FOUNDATION
- TO "DO GOOD IN THE WORLD"- RIPP ARCH KLUMP JUNE, 1917

HOW DOES IT WORK?

AN IDEA + RELATIONSHIP(S)* + ACTION = A GLOBAL GRANT

WHICH NEEDS:

- A QUALIFIED HOST CLUB IN THE COUNTRY OF THE PROPOSED PROJECT
- A QUALIFIED INTERNATIONAL PARTNER CLUB NOT IN THAT COUNTRY

** the frosting on the Rotary cake*

ARE YOU QUALIFIED?

- ANNUAL QUALIFICATION PROCESS
- DEMONSTRATE THAT THE CLUB HAS THE ABILITY TO SUCCESSFULLY MANAGE A GLOBAL GRANT.
- MANAGEMENT INCLUDES PROJECT SELECTION, APPLYING FOR THE GRANT, ENSURING PROPER STEWARDSHIP OF FUNDS, & EVALUATING AND REPORTING RESULTS.

QUESTIONS

- TWO OR MORE CLUB MEMBERS TO DISTRICT GG SEMINAR???
- ANY BACKLOG OF OPEN GRANTS???

PROJECT REQUIREMENTS:

- Minimum \$30,000 USD
- Align with one or more Areas of Focus.
- Respond to a need identified by the benefiting community, as clearly indicated in the mandatory needs assessment document.
- Include the active participation of the benefiting community.
- Be sustainable: designed to enable the community to help itself after the project has been completed.
- Have measurable outcomes.

LEVERAGING TRF DOLLARS

- Every dollar donated to The Rotary Foundation is invested for 3 years
- 47.5% is then returned to the donating district
- 47.5% goes to the World Fund
- 5% is held for TRF administrative purposes
- Part of the district portion becomes District Designated Funds (DDF)
- Part of the World Fund portion is used for an 80% DDF match

This is how your contributions to TRF are used to

“Do Good in the World”.

LEVERAGING KENYA MOTHER-CHILD GG

- RC Nairobi Muthaiga North - \$6,700 (host partner club)
- RC Phoenix 100 - \$5,000 (international partner club)
- These two pledges were leveraged on three continents by:
 - 4 individuals - \$6,600
 - 12 clubs - \$29,600
 - 5 districts – \$31,000
 - 5 DDF 80% match - \$24,800
- = \$92,000 total budget/cost

Asante. Maswali?

Gracias. ¿Preguntas?
Thank you. Questions?