

# Rotary International Global Grant Proposal for MRRDN RYC Eye and General Clinic

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## Establishment of Eye and Dental Care Clinic in Farakpur, Yamunanagar

### 1. Introduction

The Rotary Club of Yamunanagar proposes the establishment of the Mulkh Raj Ram Dulari Nanda Rotary Yamunanagar Charitable Eye & General Clinic in Farakpur, Yamunanagar, Haryana.

This initiative aims to address the pressing eye and dental health needs of the local population, particularly laborers from nearby villages, brick kilns, plywood industries, and the railway workshop.

The clinic will provide state-of-the-art eye and dental care services to underserved communities.

### 2. Assessment of Eye and Dental Health Needs in Yamunanagar, Haryana

#### Eye Health:

According to the National Programme for Control of Blindness and Visual Impairment (NPCB&VI) survey, Yamunanagar district reports a blindness prevalence of 2.21% among individuals aged 50 and above, exceeding the national average of 1.99%.

Visual impairment in the same demographic stands at 10.6%. The primary causes include uncorrected refractive errors and cataracts.

#### Dental Health:

A study assessing oral health among children in rural Jagadhri, Yamunanagar, indicates significant dental health challenges.

The prevalence of dental caries among five-year-olds was found to be 46.8% in boys and 41.6% in girls.

A study in Rohtak district, Haryana, also revealed a notable prevalence of dental fluorosis and caries, highlighting regional dental health concerns.

### 3. Justification for the Global Grant Project

The higher-than-average prevalence of blindness and visual impairment in Yamunanagar,

coupled with significant dental health issues among children, underscores the urgent need for specialized healthcare services.

Establishing a dedicated Eye and Dental Care Clinic in Farakpur will provide accessible, quality care to the underserved populations, aligning with Rotary International's focus on disease prevention and treatment.

#### **4. Sustainability Plan**

To ensure the project's long-term sustainability, the following strategies will be implemented:

- Attracting and Retaining Medical Talent: Offer competitive remuneration and opportunities for professional development, including sponsored training.
- Collaborations: Partner with local clinics and hospitals to invite specialists and facilitate knowledge sharing.
- Community Engagement: Conduct awareness and outreach programs to drive community participation and support.
- Financial Sustainability: Implement a tiered payment system to balance subsidized and standard care services.

#### **5. Equipment Requirements and Budget**

The Clinic requires essential ophthalmic equipment to establish a fully operational Eye and Dental Clinic.

The following equipment will be procured through the Global Grant project:

- - LED Vision Chart (01)
- - Trial Box (01)
- - Autorefractor with Keratometer (AR with K) (01)
- - Lensometer (01)
- - Non-Contact Tonometer (NCT) (01)
- - A-Scan / IOL Master (01)
- - Slit Lamp (01)
- - Phacoemulsification Machine (Phaco) (01)
- - Operating Microscope (01)
- - Autoclave (01)
- - HVAC (Air Conditioning) Systems
- - Dental Chair

Total Estimated Equipment Cost:

- Equipment Cost: ₹98,83,500
- HVAC System Cost: ₹11,50,800
- Advertisement Cost: ₹2,00,000
- Contingency: ₹11,23,430
- Combined Total (INR): ₹1,23,57,730
- Combined Total (USD): USD 145,385 (at ₹85/USD conversion rate)

## **6. Rotary Club of Yamunanagar's Commitment and Track Record**

The Rotary Club of Yamunanagar has successfully completed two Global Grant projects:

- Dental Bus Project: A mobile clinic that provided oral healthcare and education to underserved areas.
- Oral Cancer Detection Project: A preventive health campaign that significantly improved early diagnosis.

Additionally, Rotary Yamunanagar has committed ₹3,05,66,850 (approximately \$359,610 USD) towards the development of the new Clinic.

Letters from the Mayor and Municipal Councillor, expressing official support for this project, are attached with this proposal.

## **7. Conclusion**

The establishment of the Mulkh Raj Ram Dulari Nanda Rotary Yamunanagar Charitable Eye & General Clinic in Farakpur, Yamunanagar is a critical initiative addressing regional eye and dental health needs.

Support from Rotary International through a Global Grant will ensure long-term, sustainable impact aligned with Rotary's core mission of disease prevention and treatment.