



Rotary Club Of Nagpur Green City

R.I. District 3030 | Charter No. 31511

Proposal for Providing Super Speciality Eye Care Services in Gondia

Demographics

Gondia district is situated on the North-Eastern side of Maharashtra state having state borders with Madhya Pradesh and Chhattisgarh. The total population of the District is 13,22,635. The male and female population is 6,62,656 and 6,59,964 respectively. The literacy rate of the district is 74.95%.

This is an underdeveloped district and most of the land is covered with forest. Paddy is the main agriculture produce. Other agricultural produce includes Jowar, Linseed, Wheat, and Tur. The main profession of people is farming. There is no large-scale industry in the district, rendering it economically backward. Gondia city is popularly known as 'Rice City' due to the large number of rice mills. The district is divided into 4 subdivisions: Gondia, Deori, Tiroda, and Morgaon Arjuni. It comprises 8 talukas and 8 Panchayat Samitis with 556 Grampanchayats and 954 revenue villages. There are only two municipalities at Gondia and Tiroda.

Introduction

Mahatme Eye Bank & Eye Hospital, Nagpur is run by S.M.M. Charitable Trust. Since its inception in 1986, the hospital has been committed to fighting blindness and eye diseases in Central India. The Trust, registered as a Public Trust (Reg. No. E 1183) since 31/01/1986, provides comprehensive eye care, especially to the underprivileged.

Through its community outreach program, the hospital has conducted surgeries and provided eye care to over 2.15 lakh patients, with approximately 65% treated free of cost. The base hospital in Chintaman Nagar, Somalwada, Nagpur, is equipped with state-of-the-art infrastructure. However, a substantial backlog exists for diseases like Diabetic Retinopathy and Glaucoma in areas like Gondia. The outreach hospital in Gondia will be the hub for affordable community ophthalmology services.

Proposal

OPTICAL COHERENCE TOMOGRAPHY (OCT) is crucial in diagnosing and monitoring eye conditions such as:

- Age-related macular degeneration (AMD)
- Diabetic retinopathy
- Glaucoma
- Macular oedema
- Macular holes and puckers
- Vitreomacular traction and epiretinal membranes
- Monitoring treatment effectiveness
- Assessing the optic nerve
- Guiding surgical interventions



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Out of the mentioned conditions, Glaucoma and Diabetic Retinopathy are the most prevalent. A rural Nagpur study indicates glaucoma prevalence among 2.8% of adults. Various risk factors include older age, low BMI, anemia, lower education, and higher intraocular pressure.

In India, about 9.6% of people are diabetic, projected to rise to 10.4% by 2030 (~12–13 Cr). In Maharashtra, 5.7% of known diabetics suffer from diabetic retinopathy, translating to 6.8 million people. Of these, 18% are classified as sight-threatening DR (STDR). In Gondia, it's estimated that at least 8000 people suffer from diabetic retinopathy and around 13,000 from Glaucoma.

Availability of OPTICAL COHERENCE TOMOGRAPHY will significantly enhance diagnosis and care for these patients. Currently, OPTICAL COHERENCE TOMOGRAPHY is not available in any government or charitable setup in Gondia. We seek support of \$ 32,250 (approx) to procure an **OPTICAL COHERENCE TOMOGRAPHY machine to serve approximately 21,000 beneficiaries / patients per annum with sight-threatening conditions.**

Financial Plan and Contributions:

To ensure the availability of high-quality super speciality eye care services in Gondia, particularly through the installation of an OCT machine, the total estimated project cost is **USD 32,250**. This amount encompasses equipment procurement, installation, training, and initial operational support.

The **Total Project Cost is USD 32,250**. The proposed funding structure includes:

- Contribution from **Home District (RI District 3030)**: USD 5,250
- Requested contribution from **International Partner District**: **USD 6,000**
- Contribution from **The Rotary Foundation (TRF)**: USD 9,000
- **Club Contribution**: USD 12,000

We respectfully invite your esteemed **Rotary District** to partner with us by contributing **USD 6,000** towards this Global Grant. Your support will not only help transform lives by preventing blindness but will also strengthen international goodwill and collaboration—core values of Rotary International.

We would be happy to share all supporting documentation, including the detailed proposal, sustainability plan, and financial breakdown. We also welcome any queries or suggestions you may have regarding this project.



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To complement this grant, **the Host Rotary Club has pledged USD 12,000** as its own contribution, showcasing strong local commitment and ownership towards the project.

This funding model ensures both sustainability and scalability, enabling the Rotary initiative to bring long-term impact in Gondia district, particularly for underserved populations suffering from diabetic retinopathy and glaucoma.

Submitted for your kind consideration.